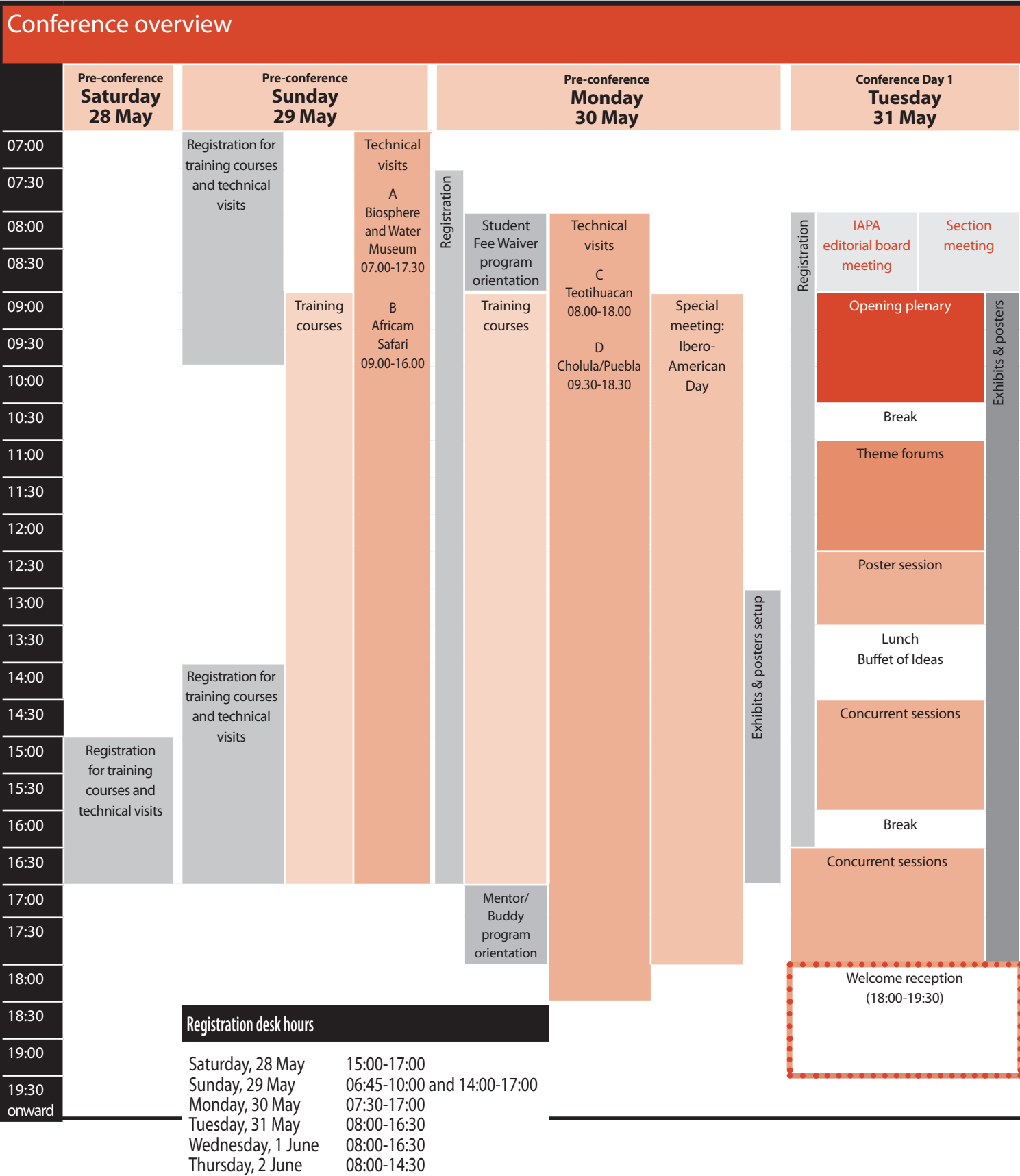


Conference overview



Conference overview

Conference Day 2 Wednesday 1 June		Conference Day 3 Thursday 2 June		Conference Day 4 Friday 3 June	Post-conference Saturday 4 June			
		Fun Run (06:45-08:15)			Technical visits	07:00		
					E Biosphere and Water Museum 07.00-17.30	07:30		
Registration	Theme forums	Exhibits & posters	Theme forums	Exhibits & posters	Concurrent sessions	Exhibits & posters	F Teotihuacan 08.00-18.00	08:00
	Break		Break		Break		G Cuetzalan post-conference tour departs 09:00	08:30
	Concurrent sessions		Concurrent sessions		Closing plenary			09:00
	AGM and Rose-Hulman Award Presentation		Council meeting					09:30
	Lunch & Section rendezvous		Lunch & Section rendezvous		Special meeting: World Bank/IFC Workshop			10:00
	Concurrent sessions		Concurrent sessions					10:30
	Break		Break					11:00
	Concurrent sessions		Concurrent sessions					11:30
								12:00
								12:30
						13:00		
						13:30		
						14:00		
						14:30		
						15:00		
						15:30		
						16:00		
						16:30		
						17:00		
						17:30		
Committee & Section meetings	Indabas	Committee & Section meetings	Indabas			18:00		
						18:30		
						19:00		
Dine Outs (19:30 onward)		Banquet (20:00-23:00)				19:30 onward		

Daily schedule

Saturday, 28 May

15:00-17:00 **Registration**
Training course and technical visit participants only

Sunday, 29 May

06:45-10:00 **Registration**
Training courses and technical visits A (Biosphere and Water Museum) and B (Africam Safari)

07:00-17:30 **Technical visit A: Biosphere and Water Museum**

09:00-16:00 **Technical visit B: Africam Safari**

09:00-17:00 **Training courses**
Room numbers will be provided at check-in.

1. Practical Guide to Sustainability Assessment
2. MCA for EIA of Projects and Plans
3. Cultural Heritage IA
4. Increasing Tangibility in SEA
5. Understanding Impact Assessment
6. Biodiversity & Ecosystem Services in IA
7. Achieving the Full Potential of SIA
8. EIA Guide & Review
9. SEA for LAC Countries

14:00-17:00 **Registration**

Monday, 30 May

07:30-17:00 **Registration**

08:00-18:00 **Technical visit C: Teotihuacan**

08:15-08:45 **Student Fee Waiver Program orientation** (La Pastora)

09:30-18:30 **Technical visit D: Cholula/Puebla**

09:00-17:00 **Training courses**
Room numbers will be provided at check-in.

4. Increasing Tangibility in SEA
5. Understanding Impact Assessment
6. Biodiversity & Ecosystem Services in IA
7. Achieving the Full Potential of SIA
8. EIA Guide & Review
9. SEA for LAC Countries
10. Involuntary Resettlement
11. HIA for Extractive Industries
12. Linking Project EIA & Environmental Management

09:00-18:00 **Special meeting: Ibero-American Day** (Angelopolis auditorium)

13:00-17:00 **Section Coordinators meeting** (La Cruz)

13:00-17:00 **Exhibit and poster setup** (Balcony)

17:10-17:40 **Mentor/Buddy meeting** (Xonaca)

Tuesday, 31 May

08:00-08:50 **IAPA Editorial Board Meeting** (La Cruz)

08:00-08:50 **Section meeting**
Students and Early Professionals (La Pastora)

08:00-16:30 **Registration**

09:00-10:30 **Opening plenary** (Analco)
Chair: Luis E. Montañez Cartaxo, IAIA11 Program Committee Chair
Pedro Álvarez Icaza, CONABIO (keynote speaker)
Miguel E. Equihua Zamora, Instituto de Ecología, A.C. (keynote speaker)
Jonathan Allotey (statement by IAIA President)

10:30-11:00 **Break**

11:00-12:30 **Theme forums**

12:40-13:30 **Poster session**

13:30-14:20 **Lunch**
Buffet of Ideas: See table topics

14:30-16:00 **Concurrent sessions**

16:00-16:30 **Break**

16:30-18:00 **Concurrent sessions**

18:00-19:30 **Welcome reception** (*pre-registration required*) (Convention Center)

Wednesday, 1 June

08:00-16:30 **Registration**

09:00-10:30 **Theme forums**

10:30-11:00 **Break**

11:00-12:30 **Concurrent sessions**

12:40-13:30 **Annual General Meeting and Rose-Hulman Award Presentation** (Auditorium)
The AGM is the annual business meeting of the Association. All members are encouraged to attend.

13:30-14:20 **Lunch**
Sections: See reserved tables

14:30-16:00 **Concurrent sessions**

16:00-16:30 **Break**

16:30-18:00 **Concurrent sessions**

18:10-19:20 **Indaba** (see flip charts in registration area for topics and locations)

18:10-19:20 **Committee meetings**
Publications (La Cruz)

18:10-19:20 **Section meetings**
Biodiversity & Ecology (Oriental I)
Disasters & Conflicts (Oriental II)
Health (Violeta I)
Indigenous Peoples (Violeta II)
IA of Trade-Related Policies (Esperanza)
Energy (Luz A)
Public Participation (Luz B)

19:30 onward **Dine-Outs** (see signup sheets in registration area)

Thursday, 2 June

06:45-08:15	Fun Run (meet at Convention Center)
08:00-14:30	Registration
09:00-10:30	Theme forums
10:30-11:00	Break
09:00-10:30	Theme forums
11:00-12:30	Concurrent sessions
12:40-13:30	Council meeting (La Pastora) The Council is an advisory resource for the Board. Committee chairs, Section coordinators, Affiliate and Branch representatives and conference program chairs for current and future conferences comprise the Council. All members are encouraged to attend.
13:30-14:20	Lunch <i>Sections: See reserved tables</i>
14:30-16:00	Concurrent sessions
16:00-16:30	Break
16:30-18:00	Concurrent sessions
18:10-19:20	Indaba (See flip charts in registration area for information)
18:10-19:20	Committee meetings Awards (La Cruz) Sections Coordinating (Xonaca) Training & Professional Development (Constancia)
18:10-19:20	Section meetings Agriculture, Forestry & Fisheries (Violeta I) Corporate Stewardship & Risk Management (Violeta II) Cultural Heritage (Oriental I) Environmental Law, Policies & Practice (Oriental II) Social Impact Assessment (Esperanza) Strategic Environmental Assessment (Luz A)
20:00-23:00	Banquet (pre-registration required) (Convention Center)

Friday, 3 June

09:00-10:30	Concurrent sessions
10:30-11:00	Break
11:00-12:30	Closing Plenary (Analco) <i>Chair: Luis E. Montañez Cartaxo, IAIA11 Program Committee Chair</i> Main conclusions and recommendations of IAIA11 Presentation of Awards. Anne Miller, 2011 IAIA Awards Committee Presidential Address. Stephen Lintner, Incoming President of IAIA Invitation to Prague SEA 2011. Barry Sadler, Jiri Dusik, Program Co-Chairs Invitation to IAIA12. Miguel Coutinho, IAIA12 Program Chair Closing of IAIA11
13:00-17:00	Special meeting: World Bank/IFC Workshop (Auditorium)
13:30-16:00	Exhibit and poster dismantle

Saturday, 4 June

07:00-17:30	Technical visit E: Biosphere and Water Museum
08:00-18:00	Technical visit F: Teotihuacan
09:00	Cuetzalan post-conference tour departs

Note: English is the primary language used at IAIA conferences. However, both plenaries, the theme forums, and the Ibero-American Day will have English-Spanish translation. The keynote address by Pedro Álvarez Icaza will be translated from Spanish to English.

Technical program: Topical streams

Agriculture, forestry and fisheries.....	16
Biodiversity.....	12, 17
Capacity building.....	19
Climate change mitigation and adaptation.....	19
Corporate stewardship and risk management	12, 20
Cultural heritage	21
EIA systems and regulations	13, 22
Energy	23
Environmental practice & governance in Latin America and the Caribbean	24
Foundations of impact assessment.....	25
General aspects of EIA & SEA.....	25
General topics	37

Health.....	14, 27
IA and its influence in decision making.....	13, 27
Oil and development.....	29
Oil and gas and responsible development.....	14
Other topics	15, 38
Public participation.....	30
Social impact assessment	15, 32
Special to IAIA	39
Strategic environmental assessment.....	15, 34
Transportation	36
Water and coastal zone management	36



Technical program overview

	Auditorium	Esperanza	Oriental I	Oriental II	Violeta I	Violeta II	
Tuesday 09:00-10:30							
Tuesday 11:00-12:30	Countries joining forces: learning from regional approaches to EIA capacity development		What constitutes responsible development in the extractive industry?		HIA in developing country settings: From theory into practice		
Tuesday 14:30-16:00	SEA and climate change I	Community perceptions of mining and local governance	Corporate social responsibility (CSR) development and environmental footprints	Early experiences of SEA in the oil and gas sector	Climate change in the coastal zone: EIA, SEA, mitigation and adaptation I	Developing an integrated biodiversity impact assessment methodology	
Tuesday 16:30-18:00		Coaching and mentoring	Gender impact assessment	General aspects of EIA & SEA I	Climate change in the coastal zone: EIA, SEA, mitigation and adaptation II	Local governance and sharing of mining benefits	
Wednesday 09:00-10:30	Oil, gas & responsible development		Social and environmental sustainability in private sector finance		Agreements between companies and communities		
Wednesday 11:00-12:30	Biodiversity: Bringing business on board	SEA and public participation I	Sustaining public participation over time	Agreements between companies and communities	Modeling biodiversity strengthens SEA and land use planning	EIA mapping workshop	
Wednesday 14:30-16:00	Spanish-speaking IA network meeting	SEA and public participation II	Public participation: Value, conflict and politics I	SEA & sustainable water and coastal management I	Environmental and socio-economic assessment and management	Influence of governance on effectiveness I	
Wednesday 16:30-18:00	How can we make the oil and gas industry environmentally responsible?	Using SIA to restore and enhance livelihoods	Public participation: value, conflict and politics II	SEA & sustainable water and coastal management II	General aspects of EIA & SEA II	Influence of governance on effectiveness II	
Thursday 09:00-10:30	Ecosystem services for sustainable socioeconomic development		Perspectives on partnerships for responsible project delivery		HIA in 21 st century: Time for a new consensus		
Thursday 11:00-12:30	Safeguarding healthy rivers and environmental flows	A visit to the orphanage of IA	IA and partnerships for local development	Overview of recent SEA development in LA I	Public participation and EA follow-up	EIA legislation: development, amendment, review	
Thursday 14:30-16:00	Biodiversity offsets: Financial institutions and business on the same page?	Foundations of impact assessment	Transboundary EIA: Latin American approach	Overview of recent SEA development in Latin America II	Social media and public participation in IA	Oil and gas development: Role playing I	
Thursday 16:30-18:00	Ecosystem services in EIA: A practical guide	IAIA Affiliates forum	Research for policy impact assessment	General aspects of EIA & SEA IV	Governance determines environmental practices	Oil and gas development: Role playing II	
Friday 09:00-10:30	Strategic approaches to mine development	IConnect: Do You?	SEA for agriculture and AFF certification	General aspects of EIA & SEA V	General topics I	General topics II	
Friday 11:00-12:30							

Technical program overview

	Constancia	Luz A	Luz B	Alto A	Alto B	Analco	
						Opening plenary	Tuesday 09:00-10:30
Power of peer pressure & tools for benchmarking							Tuesday 11:00-12:30
Power of peer pressure: Tools for benchmarking IA systems	EIA success cases I	Climate change and its effect on AFF	Submitting papers to IAPA: An interactive workshop	Health in impact assessment			Tuesday 14:30-16:00
SEA and climate change II	EIA success cases II	Environmental risks and AFF with emphasis on fisheries	IConnect: Do You?	Human rights impact assessment			Tuesday 16:30-18:00
Does impact assessment lead to responsible development?							Wednesday 09:00-10:30
Improved access to biodiversity data for and from EIAs using GBIF	Development-induced displacement and resettlement	Country experiences with oil industries and the environment	Mexican perspectives on sustainable infrastructure	SIA in mining, oil and gas			Wednesday 11:00-12:30
State of the art of sustainability assessment I	Recent SEA legal framework in Latin America I	From biodiversity to ecosystem services: Changing face of EIA	Latin American focus on responsible development	Considering community participation & land use issues, renewable energy			Wednesday 14:30-16:00
State of the art of sustainability assessment II	Recent SEA legal framework in Latin America II	EIA and transmission lines siting	Cities and city regions: health, environment, society and sustainability	IA in the transport sector			Wednesday 16:30-18:00
Maximizing SEA influence for poverty reduction							Thursday 09:00-10:30
Environment and SIA as if management matters		Sustainable practices applicable to renewable energy		Asian SEA, EIA and sustainability assessment I			Thursday 11:00-12:30
Climate change and IA guidance: Available guidance for practitioners	Agriculture planning and environmental sustainability	Cultural heritage in IA: Benefits and good practice I	General aspects of EIA & SEA III	Asian SEA, EIA and sustainability assessment II			Thursday 14:30-16:00
Developing the international guidelines for SIA	Environmental compliance theory and practice	Cultural heritage in IA: Benefits and good practice II	Climate change inclusive SEA & EIA	Perspectives on development impact			Thursday 16:30-18:00
Resilience thinking in SEA: A follow-up discussion	Stakeholder networks and IA	EIA and hydropower: Practical cases for sustainability		General topics III			Friday 09:00-10:30
					Closing plenary		Friday 11:00-12:30

Biodiversity

Ecosystem services for sustainable socioeconomic development

Thursday, 2 June | 09:00-10:30 | Auditorium

Convener(s): Frank Vanclay

Format: Theme forum

IAIA Sections: Biodiversity and Social Impact Assessment

Ecosystems provide services that underpin human wellbeing and socioeconomic development. Addressing impacts on, and managing, ecosystem services should be key to responsible development. This joint session of the SIA and Biodiversity Sections showcases tools and approaches to enhance the value of ecosystem services and their role in supporting sustainable development.

Welcome and Introduction from the chair

Corporate ecosystem valuation: The business case

Violaine Berger, James Griffiths

Biodiversity loss and ecosystem degradation continue to escalate, putting business at risk. These risks are real, but if managed properly, can be transformed into new opportunities.

Ecosystem services and social benefits of rivers

Maria Antonieta Gómez Balandra, Pilar Saldaña Fabela, Rosadina Llerandi Juárez, María Dolores Olvera S., Marco Antonio Mijangos Carro

Natural flow regimes in rivers provide important environmental services and social benefit that can be affected or well managed by hydraulic infrastructure under the EIA framework.

Ecosystem services inclusive SEA

Maria Partidário, Rita Gomes, Constança Belchior

Ecosystem services can and should be incorporated into SEA as a fundamental component of strategic assessment in support of decision making.

Integrating ecosystem services in land use plans

Davide Geneletti

An analytical framework is presented that predicts and represents the effects of planning choices on a range of ecosystem services, and eventually on the well-being of different social groups.

Civil society action to enhance the human right to water

Raúl Hernández Garciadiego

The right to water is operationalised by the Water Security Index, which measures quantity, quality, certainty and affordability of supply. Local community projects in Mexico have improved watershed quality.

Questions and wrap-up

Corporate Stewardship and Risk Management

What constitutes responsible development in the extractives industry?

Tuesday, 31 May | 11:00-12:30 | Oriental I & II

Convener(s): Rita Sully, Rauno Sairinen, Debra Zanewich

Format: Theme forum

IAIA Sections: CSR and SIA

The premise of corporate responsibility is based on how a business operates while conducting its activities. This theme forum (a corporate stewardship and risk management and SIA collaboration) will focus on how the various components of corporate responsibility - social, environmental, governance, financial and technical - frame responsible development in the mining sector.

Responsible development in context

Renee Kearney

The Guinea Alumina Project (GAP) will comprise a 10 Mtpa bauxite mine and 3.6 Mtpa alumina refinery.

The master planning process seeks to guide strategy development to achieve two main goals: firstly to embed and integrate sustainable development principles in project design, implementation and operations; and secondly to identify opportunities to contribute to development of the region and country. In doing so, it allowed for the clear definition of company, government and civil society roles and responsibilities, existing gaps and the steps and commitments necessary.

Toward sustainable CSR in Australian mining

Sara Bice

A timely analysis of the implications of CSR in the Australian mining industry for company-community relations and the role of voluntary and involuntary regulation in shaping CSR agendas and outcomes.

CSR in mining through the project lifecycle

Eleanor Gill

Managing the environmental and social impacts of mining projects requires strategies throughout the project lifecycle. This presentation discusses how Hatch incorporates CSR objectives into our engineering and construction management work.

CSR, governance, and mining: Canada and Mexico

Angeles Mendoza Sammet

This paper discusses the linkages between corporate social responsibility, governance, and impact assessment with respect to the operations of Canadian multinational mining companies in Mexico and other developing countries.

Social and environmental sustainability in private sector finance

Wednesday, 1 June | 09:00-10:30 | Oriental I & II

Convener(s): Mauricio Athié

Format: Theme forum/Panel discussion

The presenter will explain IFC's Sustainability Framework, otherwise known as Equator Principles, as recently revised. The presentation will be followed by a panel discussion with EP users including private firms and financial institutions, including commercial, bilateral and multilateral banks. Finally there will be a general chaired discussion with all participants.

IFC's sustainability framework

Reidar Kvam

This presentation describes the International Finance Corporation's sustainability framework, comprising the Sustainability Policy, Performance Standards, and Disclosure Policy. It also discusses how the Performance Standards address impact assessment and management, and key cross-cutting issues such as water, climate change, biodiversity, gender and human rights. A number of questions at the end of the presentation will set the scene for the panel discussion that follows.

Panel discussion chaired by Mauricio Athié

EIA Systems and Regulations

The power of peer pressure: Tools for benchmarking IA systems

Tuesday, 31 May 11:00-12:30 | Constanca

Convener(s): Weston Fisher, Reinoud Post

Format: Theme forum

In this theme forum, different ways of benchmarking IA systems will be presented. Presentations cover mechanisms to compare impact assessment regulations and the effectiveness of agency environmental mitigation and monitoring across countries, as well as more normative tools that allow countries to track their progress towards more effective EIA processes.

The African EA barometer

Peter Tarr

Africa's "EA Barometer" helps countries determine whether their EA systems are functioning properly. It has a simple, robust structure and scoring requires input from a wide range of well-informed stakeholders.

Evaluation of the Finnish EIA system

Jorma Jantunen, Pekka Hokkanen

The Finnish EIA system has been evaluated for the first time. Wide variety of evaluation methods and data as well as main results and challenges are introduced in the presentation.

Best practice review of EIA agency effectiveness

Weston Fisher

A systematic/participatory approach or "Best Practice Review" process can be used to examine an EIA agency's effectiveness, track action plan progress annually, and foster twinning support in EIA among countries.

EIA mapping: A yardstick for EIA system performance

Reinoud Post, Bobbi Schijf

EIA mapping is a participative and normative tool to assesses the quality of the regulatory framework for EIA and the level of compliance with this framework in a country.

IA: Its Influence in Decision Making

Does impact assessment lead to responsible development?

Wednesday, 1 June | 09:00-10:30 | Constanca

Convener(s): Angus Morrison-Saunders, Jenny Pope

Format: Theme forum

To what extent does impact assessment practice lead to responsible development for infrastructure, business and industry? Come and join this participative audience discussion to share your wisdom, experiences and views. The session will commence with short presentations from three continents, by Jenny Pope (Australia), Jos Arts (Europe) and Francois Retief (Africa). Thereafter the floor will be open for a facilitated open discussion on the topic.

Countries joining forces: Learning from regional approaches to EIA capacity development

Tuesday, 31 May | 11:00-12:30 | Auditorium

Convener(s): Gwen van Boven, Dieudonné Bitondo

Format: Theme forum

Capacity development is a constant aim and a constant concern for the Impact Assessment community. IA only supports responsible development—our conference's team—if capacities relate to development needs. How best to develop capacities in an ever changing IA system, in very different contexts and with often limited resources? At a regional level: how to achieve harmonized approaches yet recognize national differences? This theme forum will appeal to its participants in that it aims to reflect on different regional approaches in Africa and Central America trying to find commonalities—or not?—that make capacity development work. The differences in the approaches are striking—will the results be equally different? A wise international audience may draw lessons that may enrich programmes still to come.

Improving EIA systems in Central America

Grethel Aguilar

This Central American regional capacity development experience shows that well informed and trained countries can stimulate the use of tools like EIA and SEA from different sectors.

SEA Capacity Building in West Africa

Arona Soumare

In West Africa, our technique has been multifaceted. We produce considerable information on the utility of SEA vis-à-vis extractive industries and distribute it at meetings across the region.

Strengthening EIA systems through civil society

Dieudonné Bitondo, Gwen van Boven, Reinoud Post

This Central African EIA capacity building programme is unique in that it primarily targets national associations for EIA. Authorities engage in distinct activities and as individual members.

Smaller than plenaries and larger than concurrent sessions, **theme forums** bring together on a particular topic the various aspects of impact assessment and examine how those aspects apply to different sectors and issues.

Health

Health impact assessment in development country settings: From theory into practice

Tuesday, 31 May | 11:00-12:30 | Violeta I & II

Convener(s): Mark Divall

Format: Theme forum

IAIA Section: Health

The theme forum will expand on the rapidly developing practice of HIA and will introduce practical elements of conducting HIA in the developing country context for development projects.

The perspectives of both the project proponents and HIA practitioners will be shared and practical application of different methodologies will be outlined. A proponent will highlight why HIA is valuable to managing responsible development in the communities where they operate and the HIA practitioners will present different life cycle stages in the HIA process including, value of scoping, primary baseline data collection, stakeholder engagement and community health management plans.

Practice of HIA in developing countries

Mark Divall, Mirko Winkler

This paper will introduce the theme forum and discuss the centrality of scoping which relates to other papers included in this session.

HIAs and industry responsibility

Stephen Kisakye, Robert Barbour

HIAs involve multiple stakeholders with potentially different agendas. The HIA scoping and planning process is critical to ensuring HIA activities and ongoing health service responsibilities are clearly delineated.

HIAs on the ground in Philippines and Mongolia

Eliza Kurtz, Jane Thomason

This paper considers and reports novel and practical ways communities and local government officials have been engaged with, particularly to collect population health status and health perception information, the development of in-depth health impact assessments (HIAs) for large mineral extraction projects in the Philippines and Mongolia.

New tools for HIA in developing countries

Mirko Winkler, Mark Divall, Gary Krieger, Burton Singer, Jürg Utzinger

We present novel methodological features that have been developed for HIA of industrial development projects with an emphasis on scoping and baseline data collection in the field.

Aspiration versus operation: Executing a focused community health program

Gary Krieger, Marci Balge

Designing and executing a targeted, sustainable community health program within the context of a large industrial investment, the PNG LNG project, is a daunting task. The strategies, framework and execution plans will be discussed along with initial results.

HIA in 21st century: Time for a new consensus

Thursday, 2 June | 09:00-10:30 | Violeta I & II

Convener(s): Francesca Viliani

Format: Theme forum

IAIA Section: Health

HIA is over 20 years old and it is now practiced in different geographical realities and with different purposes. The aim of this theme forum is to map past and present experiences in HIA in order to develop a new HIA consensus and to enable HIA to meet the challenges of the 21st century.

HIA and public policy development

Patrick Harris, Lynn Kemp, Peter Sainsbury

Findings from research identifying mechanisms and structures involved in progressing HIA within public policy are presented. The role of theory in developing HIA for public policy will also be discussed.

Learning from practice: A New Zealand case study

Richard Morgan

Evaluating a major irrigation project HIA in New Zealand: issues include links to other forms of IA, the role of stakeholder workshops; presenting HIA information to decision-makers.

Oil & Gas & Responsible Development

Oil and gas and responsible development

Wednesday, 1 June | 09:00-10:30 | Auditorium

Convener(s): Peter Tarr, Trine Hay Setsaas

Format: Theme Forum

Oil and gas production requires extensive on-site industrial activities for the life of the fields. This theme forum will present some of the latest experiences from the oil and gas sectors with respect to responsible development, or the lack of it. It will focus particularly on the role that impact assessment can or should play, and any obstructions to its efficiency.

Environmental cooperation with Oil for Development programme countries

Terje Lind

During the last few years, the Oil for Development programme, financed and run by the Norwegian government, has been cooperating with 20–25 countries in Africa, the Middle East, Asia and South America. In the field of environment, a number of topics have been the focus of the cooperation, including SEA and EIA. The paper will explore the experiences of this cooperation, and try to present some lessons of value for further cooperation in this field.

e-SHRIMP Four Years On: Report On User Experience

Ben Witchalls

e-SHRIMP stands for Environmental, Social and Health Risk and Impact Management Process. It is a lifecycle approach developed by a taskforce of the International Association of Oil and Gas Producers.

Indigenous Peoples: Vital partners

Peter Croal

This presentation will explore current Indigenous Peoples-private sector relationships, and a way forward for better negotiations and agreements.

Embedding the EIA process in PEMEX project cycle

Fernando D. Rodríguez, Edgar Perea López, Juan Carlos Belausteguigoitia

This presentation will describe the approach and initial framework being proposed to embed the environmental impact assessment process into the PEMEX Project Development Management System.

Social Impact Assessment

Agreements between companies and communities: What do they mean for impact assessment?

Wednesday, 1 June | 09:00-10:30 | Violeta I & II

Convener(s): Ana Maria Esteves, Martin Haefele, Murray Jones, Daniel Franks

Format: Theme forum

IAIA Section: SIA and Indigenous Peoples

Impact benefits agreements are influencing how indigenous people participate in IA. Unlike compliance IA, agreements uphold the principles of community consent, value local knowledge, and recognise indigenous communities' rights and aspirations to development on their own terms. This session will focus on how agreements and IA can inform each other.

Impact Assessment, agreements, and Free Prior Informed Consent

Martin Haefele

Issues commonly addressed in agreements between indigenous communities and companies are also important issues in impact assessments of projects in indigenous people's traditional territories. Agreements are naturally a good vehicle to obtain free prior informed consent (FPIC). In northern Canada, impact assessment is increasingly used to accomplish aboriginal consultation and accommodation, a concept similar to FPIC. Although currently dealt with in isolation, impact assessment and agreements are inextricably linked.

CDAs: Trends and lessons learned

Sunrita Sarkar, Kristina Svensson

Sunrita Sarkar, ERM and Kristina Svensson, World Bank will make a joint presentation from their World Bank Study on CDAs; trends and lessons learned.

The EAP dialogue: Challenges and achievements

Alonso Zarzar

This paper presents a review of the Energia, Ambiente y Poblacion tripartite dialogue between Indigenous Peoples, governments and oil and gas industry in the Andean Amazonian countries.

Do IAs result in better outcomes than agreements?

Claire White, Aidan Davy

IA practitioners are concerned that subjective Indigenous aspirations may undermine objective scientific truths in negotiating agreements. This paper argues that such concerns are often misplaced and that benefits over-ride risks.

Strategic Environmental Assessment

Maximising SEA influence for poverty reduction

Thursday, 2 June | 09:00-10:30 | Constanca

Convener(s): Peter Croal

Format: Theme forum

This theme forum will be of interest to IAIA members who represent developing countries, emerging economic powers and developed countries. The overlap of these development partners will provide a broader opportunity for idea and information exchange, and networking. Teebweb.org has shown that environmental and ecosystem services do have a significant role to play in economic development planning that is more contemporary and validates the value of ecosystems goods and services. SEA is a significant component of this kind of analysis.

The audience will learn how SEA has been used in poverty reduction activities through the work of the OECD DAC Task Team on SEA, specific countries that have used SEA for better development planning, and how the World Bank is reforming sector planning through the use of SEA in institutional formats.

SEA in Latin America: Experiences of the IDB

Elizabeth Brito

This paper describes the evolution of SEA in the Inter-American Development Bank (IDB), summarizes lessons learned from its application, and delineates its role in fostering SEA implementation in Latin America.

The role of SEA in Namibia: Lessons from recent case studies

Peter Tarr

SEAs are required for policies, plans and programmes in Namibia. While recent SEAs have strongly influenced decision making, on some issues it is hard to break "business as usual" mindsets.

SEA in policy and sector reform: The World Bank Pilot Program on SEA

Fernando Loayza

Policy SEA requires calling attention to environmental priorities, strengthening constituencies, enhancing policy capacities and promoting social accountability. Institutional assessment and understanding of political economy are also key factors.

SEAs for landscape-based development planning in the GMS

Pavithra Ramchandran

The Asian Development Bank through the GMS Core Environment Program and Biodiversity Conservation Corridors Initiative (CEP-BCI) is supporting the GMS governments to ensure sound investment planning along the economic corridors, through a suite of ex-ante Strategic Environmental Assessments, integrating spatial decision support analysis and predictive modeling techniques. The presentation will discuss three such examples from the GMS: (i) the SEA of the Power Development Plan VII in Viet Nam, (ii) SEA of the Tourism Sector in the Golden Quadrangle of the GMS, and (iii) SEA of the Land Use Plan of Quang Nam Province, Viet Nam.

Other Topics

Perspectives on partnerships for responsible project delivery

Thursday, 2 June | 09:00-10:30 | Oriental I & II

Convener(s): Charlotta Faith-Ell, Jos Arts, Ana Maria Esteves, Ilse Aucamp

Format: Theme forum

Managing the environment for sustainable outcomes requires a cradle-to-grave approach involving more than just environmental role-players. Partnerships between different players are needed to ensure responsible project-delivery. This theme-forum investigates various perspectives on partnerships between regulators, developers, contractors and communities- It discusses instruments and tools available thereby giving guidance to IA-practitioners.

Perspectives on partnerships

Charlotta Faith-Ell, Jos Arts, Ana Maria Esteves, Ilse Aucamp

This paper elaborates on the various perspectives on partnerships between regulators, developers, contractors and communities. It discusses instruments and tools available thereby giving guidance to IA practitioners.

Green procurement for developing partnerships in IA

Jos Arts, Roel Nijsten, Sander Lenferink

The Netherlands gained experience in combining IA and green procurement for infrastructure development. This paper discusses approaches and lessons learned. Green procurement may help to establish partnerships in IA and achieving sustainability.

Procuring green energy in the construction sector

Kedar Uttam, Berit Balfors, Charlotta Faith-Ell, Ulla Mörtberg

This paper explores opportunities for procuring renewable energy in the construction sector through IA. The paper also discusses the role of green procurement and innovative partnership systems.

Incentives in contracting for project delivery

Melissa Wells

This paper explores how contracting mechanisms are used in the extractive and aid industries to motivate project partners to deliver in line with a client's social impact commitments.

Agriculture, Forestry & Fisheries

SEA for agriculture and agriculture, forestry and fisheries certification

Friday, 3 June | 09:00-10:30 | Oriental I

Convener(s): John Fry

Format: Paper session

IAIA Section: Agriculture, Forestry and Fisheries

Sustaining agricultural production will remain an imperative for the foreseeable future. Can the environmental impacts of agriculture be anticipated and effectively addressed at the strategic level? The session presents a range of cases studies that should generate useful discussion.

The potential of SEA in the Common Agricultural Policy

Carlo Rega, Agata Spaziante, Chiara Murano

SEA of agricultural-related plans and programs can be an effective tool for achieving the environmental objectives that the new Common Agricultural Policy assigns to agriculture in Europe.

EA effectiveness, Zambia National Sugar Strategy

Juan Palerm, Stephanie Rousseau, Tonnis Sierevogel, Munguzwe Hichaambwa

Analysis of the effectiveness of the SEA for Zambia's National Sugar Strategy, which aimed at improving the environmental effectiveness of Zambia's reform for its sugar sector.

Agriculture environmental assessment, Yukon, Canada

William J. Klassen

In 2003 the Yukon Environmental and Socio-economic Assessment Act began to require the assessment of certain agricultural projects' effects on the environment and traditional land uses of aboriginal peoples.

Climate change and its effect on agriculture, forestry and fisheries

Tuesday, 31 May | 14:30-16:00 | Luz B

Convener(s): Patrick Duffy

Format: Paper session

IAIA Section: Agriculture, Forestry and Fisheries

The changing environment is a number one challenge to agriculture now and in the future. All levels of society, government and industry deserve to be well informed on this threat and what to do about it. You are invited to hear the cases presented and then to share in the discussion on the solutions.

Reindeer husbandry-using the past to predict the future

Lotta Jaakkola, Timo Helle

During the 20th century, reindeer husbandry has adapted to changes in the environment. The knowledge of the past adaptation can be applied in the prediction impacts of climate change.

Impact assessment of the climate change solutions

Buddhina Nuntavorakarn, Duangjai Rungrojcharoenkit, Decharut Sukkumnoed

Sustainable agriculture is a climate change solution. It could lead to reducing farmers' impacts and enhancing their resilience to climate change and also contribute to low carbon and low risk society.

Adaptive resource management under climate change

Patrick Duffy

As the rate of change relative to agriculture and forestry has no analogue, ARM holds promise for orderly planning and management in Eastern Europe and Mid Asia.

Environmental risks and agriculture, forestry and fisheries, with emphasis on fisheries

Tuesday, 31 May | 16:30-18:00 | Luz B

Convener(s): Ijeoma Vincent-Akpu

Format: Paper session

IAIA Section: Agriculture, Forestry and Fisheries

The session will be devoted to understanding environmental risks as opposed to impacts. We should look at the types of risks that occur from the implementation of agriculture, forestry and fisheries practices, with examples drawn from fisheries.

Oil spill tracking and characterization

Anthony Ogbeibu, Ronald Onyeonwu

Ethiopia river system and its environment experienced the worst oil spill in recent times. Indicator parameters and Vanadium - Nickel ration were used to detect spill source and magnitude.

Risk assessment: Impact on fisheries sector

Ijeoma Vincent-Akpu

This paper highlights effects of agriculture, forestry and fisheries on the fish and fisheries of the Niger Delta and how risk assessment can be used to aid decision making.

EIS on hatchery management and funding in the U.S.

Pamela Gunther

An EIS was prepared to identify policy direction to guide distribution of funds for hatchery programs and future reviews of hatchery programs under the Endangered Species Act.

Agricultural planning and environmental sustainability

Thursday, 2 June | 14:30-16:00 | Luz A

Convener(s): Bill Klassen, Pamela Gunther

Format: Paper session

IAIA Section: Agriculture, Forestry and Fisheries

Land use change in Brazil: The effectiveness of EIA

Amarilis Lucia Casteli Figueiredo Gallardo, Alan Bond

New sugar cane developments are subject to EIA in Brazil. This research evaluates EIA effectiveness and limitations in the context of land use change assessment which demands more strategic consideration.

Sustainability assessment of sugarcane in Brazil

Ana Paula Turetta, Heitor Luis Costa Coutinho, Lucy Teixeira Guimarães

This paper aims to present an approach to assess the sustainability of sugarcane expansion in Mato Grosso do Sul, Brazil.

Assessing sustainability of bioenergy production

Rocio Díaz-Chávez

This paper presents a framework for the sustainability assessment of bioenergy production. This includes the review of EIAs to determine their usefulness to this assessment.

Eco-services from multifunctional agriculture

Francis Karanja

This study used GIS modelling approach to evaluate how integration of native vegetation in the form of windbreaks in cotton farming influences the provision of ecosystem services and associated trade-offs.

Biodiversity

Modeling biodiversity strengthens SEA and land use planning

Wednesday, 1 June | 11:00-12:30 | Violeta I

Convener(s): Wilbert van Rooij, Arend Kolhoff

Format: Workshop

IAIA Section: Biodiversity & Ecology

In this session an overview is given of strengths and limitations of biodiversity assessments with GIS modeling tools for integrated assessments and land use planning. Practical examples of biodiversity impact assessments are presented as well as how to embed these tools in an integrated assessment.

Supporting decision-making: A case study

Selwyn Willoughby

This paper will outline the approach by the South African National Biodiversity Institute to ensure accountable and responsible uptake of biodiversity information for planning and decision-making.

Developing IBIA: Data limitations on GIS support

Ainhwa González, JohnFry

Identification of critical spatial datasets and evaluation of limitations in the context of an integrated biodiversity impact assessment methodology.

Modelling biodiversity strengthens SEA and land use

Wilbert van Rooij, Arend Kolhoff

Biodiversity models can help SEA practitioners and land use planners who want—but do not know how—to take into account biodiversity objectives in their land use plans.

Landscape level ecological impact assessment

Ulla Mörtberg, Mårten Karlson, Berit Balfors

Transport infrastructure has substantial environmental impacts, not at least on biodiversity. In this study, GIS-based habitat models and tools are developed for landscape level assessment of biodiversity impacts.

Evaluation model for conservation plan in Korea

Changwan Seo, Hyuksoo Kwon, Chonghwa Park

This paper is an ecological evaluation model for regional conservation planning in Korea, using species distribution model, key species, connectivity analysis, representativeness, rarity.

Improved access to biodiversity data for, and from, EIAs using GBIF

Wednesday, 1 June | 11:00-12:30 | Constancia

Convener(s): Nicholas King, Selwyn Willoughby, Asha Rajvanshi, Vishwas Chavan

Format: Workshop

IAIA Section: Biodiversity and Ecology

In 2009, IAIA and the Global Biodiversity Information Facility (GBIF), a multi-country initiative to facilitate open access to biodiversity data worldwide via the Internet, signed an MoC to collaborate to utilise the GBIF experience, data standards, and architecture to develop protocols and processes for mobilising all biodiversity information gathered during IA work worldwide. This workshop will provide feedback on the completed pilot phase of the project, lessons learned to date, tools and templates developed in response to user needs and, through the launch of a "Best Practices Guidelines," the opportunity for practitioners to become lead-implementers in take-up and thus early beneficiaries.

Biodiversity: Bringing business on board

Wednesday, 1 June | 11:00-12:30 | Auditorium

Convener(s): Liz Clarke, Courtney Lowrance

Format: Paper session

IAIA Section: Biodiversity and Ecology

This session will explore the emerging business and biodiversity landscape, presenting the latest thinking on issues to include biodiversity-inclusive impact assessment; safeguarding ecosystem services; mitigation and offsetting; standards and certification; and finance, valuation and risk assessment tools. A panel discussion will present different perspectives on securing effective engagement of business.

Corporate ecosystem valuation: The business case

Viola Berger

Today's biodiversity and ecosystem challenge means business increasingly needs to include ecosystem values into its decision-making. Valuing ecosystem services can help business more accurately assess its ecosystem-related risks and opportunities.

Finance: Mechanisms for safeguarding biodiversity

Ermani Pilla, Monica Barcellos Harris

Review of the biodiversity requirements of 36 environmental standards and certification schemes used by finance and other sectors. This analysis looks at how biodiversity is considered and the requirements in place for its protection.

Engaging business on biodiversity: Mining and metals

Mark Holmes

The mining and metals sector has and will continue to have an impact on biodiversity. ICMM is an organization of leading mining companies working together with others to improve the biodiversity and sustainability performance of the industry.

New Tool Towards Sustainable Investment Projects

Clara Whyte, Roelof Boumans, David McNally

Business managers need new tools, based on dynamic-integrated valuation approaches of ecosystem services, to take the most profitable decisions in complex environments where many potential trade-offs can be made.

Biodiversity offsets: Financial institutions and business "on the same page"?

Thursday, 2 June | 14:30-16:00 | Auditorium

Convener(s): Courtney Lowrance

Format: Paper session

IAIA Section: Biodiversity and Ecology

Nature is in deficit. Financial institutions and business can help to conserve biodiversity and ecosystem services. Are they talking the same language? Financial institutions are starting to take biodiversity offsets seriously, and are incorporating requirements for offsets in their performance standards.

An overview of global trends in biodiversity banking and markets

Courtney Lowrance, Rebecca Madsen

Last year, Ecosystem Marketplace launched "State of Biodiversity Markets," tracking biodiversity offset and compensation programs globally. This session will provide a big picture of what's happening, where, and how much.

Biodiversity offsets and ESIA Schedules

Derek Melton, Steven Dickinson, Kristine Sare, Pierre Berner

Increased guidance documentation and case studies are becoming available for biodiversity offset planning and implementation. Here we discuss key opportunities and challenges for planning biodiversity offsets within an ESIA schedule.

Integrating biodiversity offsets into the project

Courtney Lowrance

Financial institutions get involved with financing at many different stages of project development. Here we discuss opportunities and challenges of introducing biodiversity offset requirements at different stages of project development.

Decision points and content issues in offsets

Ermani Pilla

We discuss some methodological challenges involved in ensuring design of robust biodiversity offsets proposed for financing, focusing on baseline data and the ESIA process as part of the project cycle.

EDC's experience with biodiversity offsets

Christopher Pullen

Using case studies, this presentation will summarize EDCs experience and lessons learned from benchmarking impact assessments and biodiversity offsets in the context of extractive sector projects.

Concurrent sessions

Biodiversity

Developing an Integrated Biodiversity Impact Assessment (IBIA) methodology

Tuesday, 31 May | 14:30-16:00 | Violeta II

Convener(s): Orlando Venn, Liz Clarke

Format: Paper session

IAIA Section: Biodiversity

This session on the development of an Integrated Biodiversity Impact Assessment (IBIA) methodology will discuss key legal and administrative requirements that are critical for effectively integrating biodiversity considerations into decision-making. It will also highlight some tools and methods that could be used to streamline processes and address information needs for biodiversity impact assessment.

Developing IBIA: Process and content?

John Fry, Tamara Hochstrasser, Ainhua González, Paul Scott, Peter Carvill, Harutyun Shahumyan

Combining procedural guidelines with content-based decision support (modeling) into an effective integrated biodiversity assessment methodology.

Developing IBIA: A standardised AA review package

John Fry, Paul Scott, Ainhua González

Using checklists and review criteria for testing quality in integrated biodiversity impact assessment.

Developing IBIA: Review of previous AAs in Ireland

John Fry, Fintan O'Connell

Findings of a review of 20 appropriate assessments and recommendations for the development on an integrated biodiversity impact assessment methodology.

Developing IBIA: Review of GIS-compatible methods

Ainhua González, John Fry, Harutyun Shahumyan

Review of spatial biodiversity assessment methods and identification of valuable techniques to support an integrated biodiversity impact assessment methodology.

From biodiversity to ecosystem services: The changing face of EIA

Wednesday, 1 June | 14:30-16:00 | Luz B

Convener(s): Orlando Venn, Liz Clarke

Format: Paper session

IAIA Section: Biodiversity

Ecosystems and biodiversity provide a wide range of benefits to people. In recent years there has been growing recognition that these "other than intrinsic" values of biodiversity must be included in EIA practice. The session will explore different ways to identify the values attached to biodiversity and ecosystems, to assess and evaluate impacts on these values, and seek appropriate mitigation.

Assessing the feasibility of using (ESV) in (EIA)

Naghmeh Mobarghei Dinan

Results shows that the main reasons for EIA shortcoming in Iran are "lack of appropriate administrative structure, qualitative criteria of assessment and shortcoming in access to the information."

Ecological impacts of transport infrastructure

Mårten Karlson, Berit Balfors, Åsa Erlandsson, Anders Hedlund, Ulf Lindholm, Kristina Lundberg, Ulla Mörtberg

Based on interviews with relevant professionals, this study reviews experiences of implementing ecological impacts in EIA of regional scale infrastructure planning procedures.

Ecosystem services and conservation values in EIA

Markku Kuitunen

Ecosystem services and conservation values in the context of EIA are an important area. We used GIS for spatial comparison. The tentative results are ready.

Resilience thinking in SEA: A follow up discussion

Friday, 09:00-10:30 | Constanca

Convener(s): Orlando Venn, Aranka Podhora

Format: Workshop

IAIA Section: Biodiversity

Resilience is the capacity of a social-ecological system to tolerate disturbance without collapsing. Last year's first workshop on resilience thinking and SEA suggested that resilience thinking provides a better framework for the definition of true sustainability, including guidance on how to deal with a complex, in principle, unknowable future. This year we will continue the discussion with SEA cases subjected to a resilience assessment, and real-life applications of resilience thinking.

Resilience in the SEA of a connectivity strategy

Heikki Kalle, Charlotta Faith-Ell

The largest island in Estonia, Saaremaa, is facing several problems influencing the future development. This paper aims at discussing the integration of resilience thinking in the SEA of a connectivity strategy.

Sustainability planning, assessment and management

Jenny Pope, William Grace

A framework grounded in resilience theory is proposed to enable a single broad approach to sustainability planning, assessment and management to be consistently applied at any scale.

Applying resilience thinking

Orlando Venn, Riki Therivel, Mike Jones, Marie Hanusch, Elsa Joao, Nick King

The outputs of two workshops on resilience thinking and SEA will be presented to invoke further discussion on the additional value of resilience assessment and how it might enhance SEA.

Ecosystem services in environmental impact assessments: A practical guide

Thursday, 2 June | 16:30-18:00 | Auditorium

Convener(s): Orlando Venn

Format: Workshop

IAIA Section: Biodiversity

With ecosystem services shaping national ecosystem assessment (e.g., UK National Ecosystem Assessment) and international safeguards (e.g., draft Performance Standards of the International Finance Corporation), we can expect ecosystem services to increasingly permeate the world of environmental assessments. The World Resources Institute (www.wri.org) will present a conceptual framework and associated tools to address ecosystem services in EIAs and will invite feedback from the attendants.



IAIA
International Association
for Impact Assessment

27 may - 1 june 2012
porto, portugal

Energy Future
the role of impact assessment

Capacity Building

Coaching and mentoring: More effective alternatives to the short course?

Tuesday, 31 May | 16:30-18:00 | Esperanza

Convener(s): Bobbi Schijf, Lex Brown

Format: Paper session

Short training events are not the most effective way to develop capacity. More can be achieved with a longer-term connection between the trainer and the trainee (via coaching or mentoring). Experiences shared in this session cover training of trainers in Africa, mentoring for environmental mainstreaming in Bhutan and SEA coaching in Turkey.

Some capacities need to be built more slowly

Lex Brown

Environmental mainstreaming capacity-building depends on context, must focus on non-environmental institutions, and more about changing planning-and policy-making mindsets than about tools. Approaches different to EA short courses are required.

Learning together: SEA and EIA coaching

Bobbi Schijf, Charlotte Bingham

Practice shows that absorption from a single training is often limited, but that additional on-the-job coaching can help to cement learning. We share experiences from USAID EIA training in Africa and NCEA SEA capacity development.

Training the trainers: Myth and reality

Jean Hebert

Based on past experiences and future projects currently design, this presentation will present the lessons learned and design of what should be an efficient train the trainers project in EIA.

Coaching EIA trainers in Central Africa

Gwen van Boven, Dieudonné Bitondo, Reinoud Post

Intense coaching and focus on didactics are required for an effective training of trainers. Recent experiences demonstrate how teams of EIA trainers were formed and coached in Central Africa.

Climate Change Mitigation and Adaptation

Climate change in the coastal zone, EIA, SEA, mitigation and adaptation I

Tuesday, 31 May | 14:30-16:00 | Violeta I

Format: Paper session

Convener(s): Pedro Bettencourt

This session will focus on the effects of climate change on the coastline and on mitigation and adaptation measures to face them. Coastal dynamics, coastal impact assessment, the importance of the use of advanced technological tools in projects management and the ecological enhancement of hard structures will be discussed.

Climate change and risk assessment in coastal areas

Pedro Bettencourt, Sónia Alcobia, Carlos Jesus

One of the key effects of climate change is the reshaping of the world's coastlines. This paper deals with coastal change, risk assessment and environmental and socio-economic impacts.

Impact of sea level rise on the Nigerian coast

Olusola Popoola, Victor Abbott, Gillian Glegg

The reaction of the Barrier Coast (Nigeria), to scenarios of Sea level rise (SLR). Geographic information system (GIS) models/maps were used to showcase the implications.

Vulnerability assessment of the Korean Coast

Kwangwoo Cho

Overall shoreline retreat rate for the Korea coast is 43.7% for 38cm, 60.3% for 59cm, 69.2% for 75cm, and 80.1% for 100cm sea level rises, respectively.

Climate change in the Coastal Zone, EIA, SEA, mitigation and adaptation II

Tuesday, 31 May | 16:30-18:00 | Violeta I

Convener(s): Pedro Bettencourt

Format: Paper session

This session will focus on the effects of climate change on the coastline and on mitigation and adaptation measures to face them. Coastal dynamics, coastal impact assessment, the importance of the use of advanced technological tools in projects management and the ecological enhancement of hard structures will be discussed.

Integrating ecosystem services into CEAs in Mexico

Javier Clausen, Sergio Contreras

The complexity of the ecosystem services along Mexican Pacific coastal wetlands and practitioners' challenges for integrating climate change into project EIAs and CEAs in Mexico.

Use of technological tools in EIA coastal projects

José Luis Rojas, David Zárate, Hector Alafita, Martín Quijano, Grethel Villicaña

An analysis of the application of advanced technologies such as LIDAR and digital aerial photography and GIS in several cases of management of coastal tourism projects.

Ecological adaptation of coastal structures

Orlando Venn, Larissa Naylor, Richard Thompson, Martin Coombes, Stephen Roast

This paper illustrates the potential benefits and opportunities of ecological enhancement of hard coastal structures, describing how environmental assessment can help facilitate identification and delivery, illustrated by case studies.

Climate change and impact assessment: Available guidance for practitioners

Thursday, 2 June | 14:30-16:00 | Constanca

Convener(s): Rob Verheem

Format: Workshop

At the 2010 IAIA conferences in Aalborg and Washington, D.C., on impact assessment and climate change, sessions were organized on how to make available guidance more accessible for impact assessment practitioners. In this workshop, we translate this discussion into a road map for better accessibility, specifically for practitioners in developing countries. What guidance is available, when and where is it applicable, and what would an online database look like? Two presentations will start the discussion.

Integrating climate change into project-based EIA

Vong Sok

A survey of IAIA members was undertaken to find out how project-based EIA should deal with climate change; the main results will be presented including guidance for the way forward.

Guidance on integrating climate change in IA

Rob Verheem

As a follow-up to the IAIA Aalborg climate change conference, we will present and discuss a road map on how to make guidance to integrate climate change in EIA and SEA accessible for impact assessment practitioners.

Concurrent sessions

Climate Change Mitigation and Adaptation

Climate change-inclusive SEA & EIA

Thursday, 2 June | 16:30-18:00 | Alto A

Convener(s): *Arend Kolhoff*

Format: *Paper session/discussion*

Environmental assessment in a changing Arctic

Tobin Seagel

Climate change is accelerating development of the arctic, transforming the environmental and anthropogenic landscape. CEA could facilitate development of an integrated and regional basis for planning and management of resources.

Assessing support for emissions reduction policy

Galina Ivanova, John Rolfe

This paper outlines some options to use stated preference non-market valuation techniques that can be used to assess communities' preferences on climate change mitigation policy options (i.e., emissions reductions policy).

Climate change inclusive SEA in Vietnam

Arend Kolhoff

A climate change inclusive SEA is developed for a provincial socio-economic development plan in the vulnerable Mekong delta of Vietnam. A pilot for Vietnam and possibly other vulnerable countries.

Climate change, EIA and the Great Barrier Reef

Adam Smith

The long-term outlook for the Great Barrier Reef ecosystem is at a crossroad. In a changing climate we have to re-evaluate what and how we are managing.

Corporate Stewardship and Risk Management

The Corporate Stewardship and Risk Management section has organized three sessions to explore and discuss how impact assessment contributes to responsible development. Various perspectives will be shared. The Theme Forum exploring "What Constitutes Responsible Development" will draw on examples from the Extractive Industry, a workshop will focus on "Mexican Perspectives on Sustainable Infrastructure", and a hybrid paper-panel session, "Latin American focus on responsible development," will focus on case studies from Latin America and lessons learned while committing to carrying out projects in a responsible manner.

Mexican perspectives on sustainable infrastructure

Wednesday, 1 June | 11:00-12:30 | Alto A

Convener(s): *Ana Paula Fernández del Castillo*

Format: *Workshop*

IAIA Section: *CSRM*

Sustainable infrastructure is critical to development. This workshop will discuss how the private sector contributes to sustainable infrastructure and how it maximizes shared value to different stakeholders. Through a facilitated discussion, each of the speakers will highlight key underpinnings of the business case for sustainability and its strategic value. Perspectives will be shared from the construction, cement, and urban planning sectors.

ICA, sustainability as a competitive advantage

Ana Paula Fernández Del Castillo, Alejandro Lelo de Larrea

In ICA we believe sustainability is to satisfy the needs of our stakeholders, while conducting the business in a responsible economic, social and environmental way.

Sustainable infrastructure

Jesús Gonzalez

The challenge for companies in the infrastructure sector is to find the meaning of sustainability and incorporate it into their business strategy. KPMG will show its expertise on this matter.

Sustainable development in the cement sector

Laura Pardo

As part of its strategy, Cemex is continually working not only to reduce the environmental impact of its production process, but also to enhance the attributes of the building materials it uses.

Sustainable urban planning and housing

Carlos Garcavélez

Integral Sustainable Urban Developments (DUIS) offer sustainability with urban planning offering an affordable and sustainable place to live in Mexico. The author, a designer of such developments, presents his view.

Latin American focus on responsible development

Wednesday, 1 June | 14:30-16:00 | Alto A

Chair: *Debra Zanewich*

Format: *Paper session/workshop*

IAIA Section: *CSRM*

This session will combine speaker presentations, QAs, and a discussion period focusing on case studies from Latin America and lessons learned while committing to carrying out projects in a responsible manner.

Social responsibility and the law of unintended consequences

DG Mickey Steward

Corporate social responsibility in general is awash in non-functional programs. Presentation of a case study of waste management in northern Baja California-Big Sur draws conclusions of general utility for developing successful programs.

Developing a sustainable electric system: Mexico

Francisco Hernández-Alvarez, Guillermo Zúñiga-Gutiérrez

CFE has developed procedures and strategies for protecting biodiversity, human populations and cultural heritage for constructing a sustainable national electric system. Those procedures and strategies are described here.

Sustainability and the New Quito Airport

Graeme Smith, Ernesto Monter, John Saczkowski

The New Quito International Airport is a public/private project with financing from multilateral lending institutions. Key sustainability initiatives will be discussed as well as driving forces and barriers behind them.

Corporate Stewardship and Risk Management

Human rights impact assessment

Tuesday, 31 May | 16:30-18:00 | Alto B

Convener(s): Rita Sully

Format: Paper session

IAIA Section: Corporate Stewardship and Risk Management

A panel-style format will explore the current "state of play" with Human Rights Impact Assessment (HRIA). It will highlight emergent purposes and uses of HRIA; identify some of the conceptual, methodological, practical and ethical issues and challenges that arise in relation to its use; and facilitate dialogue amongst practitioners and users of HRIA.

Company human rights impact assessments

Désirée Abrahams

As a recent newcomer to IA, this presentation will highlight the unique importance for companies in pursuing HRIA, as illustrated by the Guide to HRIAM.

Human rights due diligence: Extractives in LatAm

Michael Auerbach

Human rights due diligence is not a one-time assessment but an on-going process of monitoring and engagement. This means a dynamic and transparent process in which repeated assessments are conducted.

Are HRIAs the preferred approach to exercising due diligence?

Claire White, Aidan Davy

Human Rights due diligence and HRIAs are often viewed as synonymous. This paper explores practical and ethical challenges with conducting and disclosing HRIAs, and alternative options for undertaking due diligence.

Mainstreaming human rights in impact assessment

Gillian MacNaughton

This paper argues that governments have legal obligations to carry out human rights impact assessments and advocates that governments comply by integrating human rights into impact assessments they already perform.

Right to health impact assessment of trade rules

Lisa Forman

This presentation explores the potential for right to health impact assessment to mitigate the public health impacts of trade-related intellectual property rights in low and middle-income countries.

Corporate Social Responsibility (CSR), development and environmental footprints

Tuesday, 31 May | 14:30-16:00 | Oriental I

Convener(s): Shivcharn S. Dhillion, Orlando San Martin

Format: Paper session

IAIA Section: CSR

This session presents mechanisms for the practice of social and environmental responsibility that instill community participation, transparency, and sustainability. Through case studies, presenters will illustrate tangible mechanisms for social and environmental development interventions and assessment approaches, triggering benefit sharing and ultimately reducing footprints of hydropower projects.

CSR, global change, adaptation and stakeholders

Shivcharn Dhillion

CSR strategies can include global change issues to instill good-will and meaningful actions. Core aspects must include awareness, adaptation strategies and stakeholder participation.

Promoting local development by benefit sharing

Orlando San Martin, Shivcharn Dhillion

This paper will elaborate on the challenges of establishing "benefit sharing" mechanisms, taking into account the interests of 1) those issuing benefits (project developers); and 2) the beneficiaries (local communities).

SN Power's journey in southern Chile

Ana Maria Miquel

A look at the route taken by SN Power in its projects in Chile, showing the challenges, mistakes and successes of the relationship with indigenous communities in the territory.

Breaking the Camel's Back? CEA that works

Miles Scott-Brown, Juan Quintero

Simple tools for assessing cumulative effects of private sector infrastructure projects and suggestions as to how practical and operative cumulative effects management frameworks can be put in place.

Company's strategic environmental alignment

Rodrigo Jiliberto

Company's strategic environmental alignment is an innovative analysis tools aiming at providing companies with an integrated and long term vision for the fulfilment of their environmental responsibility.

Cultural Heritage

Cultural heritage in impact assessment: Benefits and good practice I

Thursday, 2 June | 14:30-16:00 | Luz B

Convener(s): Arlene K. Fleming

Format: Paper session

IAIA Section: Cultural Heritage

Interest in the cultural heritage component of impact assessment and attention to methods and quality are increasing in IAIA and throughout the world. This session explores the practice in several countries, presents effective techniques, and considers the important role of local populations, including indigenous peoples.

EIA and the protection of cultural heritage in Africa

Ishanlosen Odiaua, Yves André Prevost

Examines the interplay between heritage and development policies in Africa and how EIA can ensure the conservation and protection of heritage in the context of development.

Authorities' attitude: Cultural heritage in EIA

Inge Lindblom

What do people working in Norwegian regional and national authorities think about the importance of EIA on cultural heritage?

Assessment of impact on built cultural heritage

Tatiana Vakhitova

Heritage impact assessment (HIA) within the framework of UK's World Heritage sites with Outstanding Universal Value. The paper debates existing HIA methodologies and challenges in regard to their practical application.

Cultural Heritage Protection in CFE (Mexico)

Juan Manuel Álvarez Pineda, Deyanira Bello

Protection strategies implemented by CFE for installation of electrical infrastructure prevent negative impact on Mexican cultural heritage and contribute to its conservation, as well as to research and public outreach.

Sharing heritage baseline skills in Central Africa

Paul Wheelhouse, Susan Evans, Steve Smith, Neville Roberts

The appreciation of cultural heritage can be complicated. Using local expertise and systematic recording, Golder's involvement with archaeologists in the Central African Republic has promoted the transference of skills and knowledge.

Concurrent sessions

Cultural Heritage

Cultural heritage in impact assessment: Benefits and good practice II

Thursday, 2 June | 16:30-18:00 | Luz B

Convener(s): *Arlene K. Fleming*

Format: *Paper session*

IAIA Section: *Cultural Heritage*

Interest in the cultural heritage component of impact assessment and attention to methods and quality are increasing in IAIA and throughout the world. This session explores the practice in several countries, presents effective techniques, and considers the important role of local populations, including indigenous peoples.

Archaeological predictive models for ESIA baseline

Emlen Myers, Doug Park, Lizzie Bunnan

The role of archaeological predictive modeling in ESIA baseline studies is discussed, concluding that the method can be indispensable for large infrastructural projects where basic archaeological inventory data are unavailable.

Community collaboration enriches cultural heritage

Ezequiel Pinto-Guillaume

Using local communities as a resource has deepened our understanding of the contextual values of a place. Involvement with the intangible knowledge of the communities is essential as a resource.

Cultural heritage protection: A new relationship

André Burroughs

A profound interest on part of the indigenous population of northern Quebec led to the creation of an ambitious cultural heritage program carried out as part of the EIA.

Assessment of the impacts of Canada's oil sands

Karin Buss

Impact assessments conclude that the mammoth development of Canada's oil sands will have no significant adverse effects on local Indigenous communities. Is this the result of flawed impact assessment methodology?

Traditional territories of Indigenous People

Patricia McCormack

Canadian impact assessment panels expect Indigenous people to draw fixed boundaries around their traditional lands, which conflicts with the cultural concepts of Indigenous peoples themselves about their traditional land base.

EIA Systems and Regulations

EIA legislation: Development, amendment and review

Thursday, 2 June | 11:00-12:30 | Violeta II

Convener(s): *Simon Marsden*

Format: *Paper session*

IAIA Section: *EIA Law, Policy and Practice*

This session considers the development, amendment and review of EIA legislation. Case studies from Latin America, Africa and elsewhere evaluate the successes and failures of such laws in their specific jurisdictional contexts.

Legal framework of Chilean EIA: New agencies

Andrés Sáez

This paper demonstrates the development of EIA in Chile, explains the main legal amendments introduced by the Environmental Law and discusses how necessary is to achieve technical standards in EIA.

EIA after natural disasters: Experience in Chile

Bolívar Ruiz, Oscar Parra, Ignacio Toro

This paper reviews the challenges to ensure appropriate assessment during an emergency situation. In other words, necessary projects should be implemented with no delays considering protection of the environment.

Environmental assessment in Spain

Miguel Angel Casermeiro, Sergio González-Ubierna, Ana Pilar Espluga, Luis Adolfo Desdentado, Manuel Díaz, Juan Miguel Martínez-Orozco, Iñigo Sobrini

We revised the evolution of state of the art of environmental assessment in Spain. After 25 years the situation is complex, passing from a non-evaluation scenario to an over-evaluated one.

The review of EIA legislation in Zambia

Wizaso Munthali

This paper gives an account of the EIA legislative review process executed by the ECZ, focusing on the methodology, successes and challenges experienced.

EIA legislation development: A comparative study

Arend Kolhoff, Peter Driesen, Hens Runhaar

EIA legislation developed through donors is often too ambitious, underestimating context and capacities. A comparative study in Ghana, Georgia and Yemen provides lessons to establish more effective EIA systems.

Environmental compliance: Theory and practice

Thursday, 2 June | 16:30-18:00 | Luz A

Convener(s): *Simon Marsden*

Format: *Paper session*

IAIA Section: *EIA Law, Policy and Practice*

This session examines the importance of environmental compliance in ensuring effective EIA practice. From the incorporation of environmental principles into EIA legislation, through the development of permitting requirements and the application of enforcement tools and penalties, experience from Australia, South Africa, the Middle East and elsewhere is analysed.

Principles for effective impact assessment

Angus Morrison-Saunders

What makes an impact assessment process effective with respect to underlying legal and other principles? Ten impact assessment principles are explained using examples from EIA practice in Western Australia.

Sustainable development through better permitting

Sandra Burns, Camille Heaton

Recent improvements to environmental management and permitting in Abu Dhabi—including guidance for the preparation of EIAs and other environmental studies—are resulting in increased sustainable development.

Environmental control officers and EA compliance

Jan-Albert Wessels, Francois Retief

This paper explores the emergence and contribution of environmental control officers (ECOs) to post decision compliance and monitoring within the South African context.

Application of fines for environmental offences

Juan David Mora

Monetary penalties (fines) are the most widespread administrative environmental enforcement instrument, intended both to punish non-compliance and prevent its future re-occurrence. This paper provides criteria to determine these administrative fines.

Assessment guidelines: Oil and gas exploration

Juan Carlos Monckeberg, Carmen Rivera

An Environmental Assessment Guidelines for Oil and Gas Projects was prepared. Proponents can enter the required information for EIA online, improving the effectiveness and efficiency of the EIA process.

EIA Systems and Regulations

Transboundary EIA: A Latin American approach?

Thursday, 2 June | 14:30-16:00 | Oriental I

Convener(s): Simon Marsden

Format: Workshop

IAIA Section: EIA Law, Policy and Practice

This workshop analyses experience in North America, Europe and Australia to set the scene for a discussion of Latin American perspectives, specifically the ICJ Pulp Mills on the River Uruguay decision, and the potential application of transboundary EIA in the Gulf of Mexico following the Deepwater Horizon spill.

The Environment, NAFTA, and TEIA in North America

Bill Kennedy

This paper looks at the All-American canal on the US-Mexican border on which an EIA was conducted in compliance with NEPA but which did not adequately address cross border concerns.

Effective implementation of the Espoo Convention

Mari Koyano

This paper examines the issue of how to ensure the effective implementation of a transboundary EIA through a case study of the Danube Delta controversy under the Espoo Convention.

Reform of Australia's offshore oil and gas sector

Simon Marsden

In the light of the 2009 Montara offshore oil spill, and 2010 Commission of Inquiry Report, this paper analyses compliance of Australia's offshore industry with international obligations for transboundary EIA.

EIA mapping workshop

Wednesday, 1 June | 11:00-12:30 | Violeta II

Convener(s): Bobbi Schijf, Reinoud Post

Format: Workshop, with two presentations followed by demonstration of the EIA mapping tool in small groups, Q&A

The Netherlands Commission for Environmental Assessment (NCEA) has developed a participative tool called "EIA mapping," which gives insight into performance of a country's EIA system. In this workshop, we introduce the tool, demonstrate how it works (in small groups), and share the results of EIA mapping in Pakistan.

EIA mapping: How does it work?

Bobbi Schijf, Reinoud Post

This paper introduces the EIA mapping tool, gives some background to its development, an overview of its applications, and detailed instructions on how to apply the tool.

EIA mapping: Identifying priorities for Pakistan

Ahmad Saeed

EIA mapping tool was effectively applied in all provinces and territories of Pakistan to identify priorities for EIA strengthening in the country.

The power of peer pressure: tools for benchmarking EIA systems

Tuesday, 31 May | 14:30-16:00 | Constancia

Convener(s): Weston Fisher, Reinoud Post

Format: Paper session

Different ways of benchmarking (parts of) EIA systems will be presented. Presentations cover mechanisms to compare impact assessment regulations and the effectiveness of agency environmental mitigation and monitoring across countries, as well as more normative tools that allow countries to track their progress towards more effective EIA processes.

Developing an evaluation tool: EIA-climate change

Vong Sok

Building on existing EIA evaluation frameworks and results of a 2010 survey of IAIA member perspectives, this paper presents an EIA-climate change integration evaluation tool that was developed to examine progress in Southeast Asia.

Organizational Learning in EIA Agencies in Quebec

Luis E. Sánchez, Pierre André

This paper presents a tool to measure internal learning systems of EIA agencies and of results of application of the tool in Quebec.

Demonstration by Bobbi Schijf and Anne Hardon

Presentation of EIA profiles, tabular description of EIA systems and a basis for EIA system comparison.

Energy

Sustainable practices applicable to renewable energy

Thursday, 2 June | 11:00-12:30 | Luz B

Convener(s): Pamela Gunther

Format: Paper session

IAIA Section: Energy

This session identifies sustainable practices for renewable energy including experience in how these practices develop partnerships and promote renewable energy to help the overall green economy. We describe the types of public policy, regulations, and potential additional costs considered in promoting renewable energy in a long-term sustainable environmentally friendly manner.

ESIAs to diversify CEMEX's fuel supply in the UK

Susan Evans, Steve Smith, Neville Roberts

Cement-making is energy-intensive. Golder has assisted CEMEX, founded in Mexico in 1906 and now a leading global manufacturing company, in undertaking ESIAs and securing necessary permissions to produce alternative fuels.

Best practices in small hydro development

Matt Hammond

Small hydroelectric developments in British Columbia, Canada, are applying environmental and social best practices to sustainably use this renewable resource. Best practices are being identified to address common key issues.

Mutual responsibilities: Renewable energy planning

Kanlaya Naklungka, Buddhina Nuntavorakarn, Thunyaporn Surapakdee

EGAT Renewable Energy Plan is an impact assessment study. We found that mutual responsibility between government and the public sector is essential in enabling renewable technology that is really appropriate.

EIA and hydropower: Practical cases for sustainability

Friday, 3 June | 09:00-10:30 | Luz B

Convener(s): Emmanuel Gómez

Format: Paper session

Practical cases of hydroelectric sustainable planning development; specific studies that demonstrate future projects environmental viability; a tool for EIA; and a new way for social compensation impacts in Mexico, the analysis considering the discussion about hydropower as a renewable energy.

Hydropower: Towards renewable Energy in Mexico

Humberto Marengo Mogollón

Renewable energies in Mexico depend on the development of hydroelectric projects. Comisión Federal de Electricidad must demonstrate that its projects are sustainable and go according with national regulations and international standards.

Concurrent sessions

Energy

The CFE hydropower sustainability process

Oscar Calahorra, Lidia Vazquez, Gabriela Aguirre, Horacio Rodríguez, Carlos Lecanda, Humberto Marengo
CFE currently is reviewing its processes and analyzing the appropriateness of adopting "The Hydropower Sustainability Assessment Protocol" as a tool to assess and demonstrate the sustainability of future hydropower projects.

Mangrove ecosystem EIA for a hydroelectric project

Évert Hernández López, Rosa Dina Llerandi Juárez
Accurate environmental diagnostics allows understanding ecosystems functioning and properly assess the potential environmental impacts caused by hydroelectric projects construction and operation.

Application of Bayesian Networks in EIA of dams

Hossein Moradi, Mojgan Farhadian
Based on the advantages of BNs, they are a suitable tool for EIA. Here we assessed the environmental impacts of a dam and hydropower plant by Netica software.

Hydropower and economic benefits for populations

Emmanuel Gómez, Ana M. Gomez, Carlos Lecanda
This paper analyzes the requirements for carrying out the economic benefits proposals in hydropower, the barriers that must be overcome and the estimated economic benefit that might represent.

EIA and transmission lines siting

Wednesday, 1 June | 16:30-18:00 | Luz B

Convener(s): Rocio Diaz-Chavez
Format: Paper session

This session identifies environmental, social and cultural issues regarding siting electrical infrastructure. The presentations range from impacts on biodiversity and human communities to the methodological considerations such as multi-step process and community participation.

Potential impacts on flamingos, Bolivia

Genevieve Beaulac
This paper presents the methodology taken by the IDB to assess impacts on three species of flamingos present in the project area of a prospective geothermal plant and transmission line.

Supporting electric transmission siting decisions

Mary Beard Deming, Anne McAulay, Hoorik Davoudian-Telle
Siting electrical infrastructure is a complex process for decision-makers. Quantitative and qualitative decision-support tools for data collection and alternatives analysis will be described, illustrated with specific infrastructure projects, and evaluated.

Electric system and social responsibility

César Fuentes
Comisión Federal de Electricidad has social-environmental responsibility and therefore for selecting sites for electrical substations and transmission lines develops studies and actions for preventing effects on biodiversity, people and heritage.

Considering community participation and land use issues associated with renewable energy

Wednesday, 1 June | 14:30-16:00 | Alto B

Convener(s): Rocio Díaz-Chávez, Jong-Gwan Jung
Format: Paper session
IAIA Section: Energy

The session considers policy implications of the assessment of impacts regarding GHG and land use with different renewable energy from bioenergy to solar and wind.

Evaluating method on CO2 reduction by residents

Masaru Ito
The analysis can estimate CO2 emission from residents and evaluate life-style change. Expanding this method, the total CO2 from citizens are calculated and assess the policy of CO2 reduction.

Bioenergy feedstock and environmental impacts

Ulla Mörtberg, Mårten Karlson
Plans for energy systems based on bioenergy implies increased pressure on forest and agricultural land. This will lead to cumulative environmental impacts that need methods for strategic environmental assessment.

Environmental considerations in the siting of solar plants

Young Han Kwon, Ji Young Kim
The most desirable sites for solar plants are developed areas or open spaces, whereas those for wind power plants are limited. Environmental issues regarding sites should be considered strategically.

EIA case study of wind power plant in Korea

Sangbum Lee
The development paradigm should be sought from inland development to off-shore development because of the limited site suitability of mountainous area to build a wind power plant in Korea.

Notes

Environmental Practice and Governance in Latin America and the Caribbean

Governance determines environmental practices

Thursday, 2 June | 16:30-18:00 | Violeta I

Convener(s): Wayne Chaman Huggins
Format: Workshop

This workshop examines whether governance dictates environmental practices in the informal and formal economy. Underlying drivers for responsible development and to whom, would be explored in the context of infrastructure—basic need for squatter communities, alternative energy investment for industry and businesses and state of environmental audits.

Governance and urban poor's environmental practice

Wayne Chaman Huggins
This paper explores the inevitable environmental consequences when governments engage in urban exclusion and ignore needs of urban poor families in accessing clean water, sanitation and opportunities for micro-enterprises.

Local economy and the global environment

Jaime Martínez-García, Laura Andrea Briones-Sarmiento, Jorge Jessiel Padrón-Ramírez
This paper analyses the existent relationship between local economic activities and global environmental problems. It is focused on the social economic and political effects of construction industry on agenda

Evolution of the environmental audit in Mexico

Pedro Murad
This paper explores the institutional, legal, social, economic and political risks and challenges faced in the evolution of Mexico's Environmental Audit under NAFTA to achieve compliance with Clean Industry Certification.

Foundations of Impact Assessment

A visit to the orphanage of impact assessment

Thursday, 2 June | 11:00-12:30 | Esperanza

Convener(s): Jos Arts, Francois Retief

Format: Panel discussion

The purpose of this session is to re-introduce and re-emphasize key issues in impact assessment which seem to have been neglected over time. The observation is that IAIA seems to only focus on the "new kids on the block." Concepts such as screening, scoping, follow-up, tiering, etc., are hardly discussed at conferences anymore. Are these "orphans" mere concepts of "yesteryEAR" or do they deserve a welcome home?

Panelists

Jos Arts, Francois Retief, Bill Ross, Johan Nel, Angus Morrison-Saunders

Ask the experts: Foundations of impact assessment

Thursday, 2 June | 14:30-16:00 | Esperanza

Convener(s): Francois Retief, Jos Arts, Angus Morrison-Saunders, Ana Maria Esteves

Format: Presentations/Workshop/Q&A

This session is aimed at entry-level practitioners and new members. Seasoned experts will cover the basics of Impact Assessment.

Introduction

Francois Retief

Screening and scoping

Bill Ross

Scoping social and health impacts and public involvement

Nick Taylor

Baseline and prediction of impacts

Richard Morgan

Mitigation of residual impacts, enhancement strategies and follow-up

Angus Morrison-Saunders, Francois Retief

Agreements between companies and communities: What do they mean for impact assessment?

Wednesday, 1 June | 11:00-12:30 | Oriental II

Convener(s): Martin Haefele, Murray Jones, Ana Maria Esteves, Daniel Franks

Format: Workshop

This workshop session complements the theme forum with the same title. Participants will discuss issues such as the implications of FPIC for IA, how IA practice and agreement-making can inform each other, and what should be the guiding principles for agreement-making between developers and Indigenous peoples.

Participants will divide into groups and select one of the following discussion topics:

1. How should the principles of FPIC be applied in impact assessment practice?
2. How can IA practice inform agreements and how can agreements inform IA?
3. What guiding principles for agreement-making between developers and Indigenous peoples are important to include in the Guidelines for Involving Indigenous peoples in Impact Assessment?

A mind mapping method will be used to brainstorm and organise the information in a highly interactive manner. Participants will use index cards to record and arrange their contribution on blank walls. The note-takers will record the result on a mind map that will be shared with participants at the end of conference. One of the key outcomes of the workshop—if it emerges as an important issue—will be the adaptation of IAIA's Indigenous Peoples Section's draft Guidelines for Involving Indigenous Peoples in Impact Assessment to take into account agreement-making considerations.

General Aspects of EIA and SEA

General aspects of EIA and SEA I

Tuesday, 31 May | 16:30-18:00 | Oriental II

Convener(s): Adam Barker

Format: Paper session

This session focuses on a wide range of themes relating to EIA and SEA in terms of process, practice, case studies and contextual aspects.

SEA Experiences in Ghana: Processes and Lessons

Ebenezer Appah-Sampong, Christine Asare, Jonathan Allotey

This paper presents SEA experiences in Ghana spanning a period of over 10 years and covers the rational, processes adopted, outputs, outcomes and lessons to guide future SEAs.

SEA Tourism development model for the Baru Island

Rodrigo Jiliberto

SEA for the development of a sustainable tourism model for the Baru Island, near to Cartagena de Indias, Colombia. Strategic spatial analysis, systemic integrated diagnosis of tourist development, communities, governmental participation.

Quintana Roo an Example of the EIA Inefficiency

Manuel Murad, Eduardo Rubio

Moving from EIA to SEA in planning in Mexico.

A study of environmental indicators use in SEA

David Pereira, Juan José Oñate, Juan José Rodríguez, Macarena Herrera

A study of the use of environmental monitoring indicators in top level strategic planning and SEA process in Spain. Methodological conclusions are provided to strengthen this relationship.

Strategic impact assessments and disasters

Charles Kelly

Failure to assess recovery impacts leads to environmental damage and hardship for disaster survivors. The paper explores how strategic impact assessment can be integrated into post-disaster assessment and planning.



QVGA is a consulting firm specializing in environmental management, with experience in design and implementation of EIA, forestry studies, environmental risk, public participation, capacity building and environmental legal advisory.

QVGA has a long history of projects in different sectors such as touristic developments, roads, dams, water infrastructure, waste, mining and real estate developments, many of them environmental and socially complex, that we have successfully resolved through inclusive social participation processes and environmental commitments compatible with the economic expectations of the project.

qvgestiónambiental

contacto@qvga.com.mx

General Aspects of EIA and SEA

General aspects of EIA and SEA II

Wednesday, 1 June | 16:30-18:00 | Violeta I

Convener(s): Carys Jones

Format: Paper session

This session focuses on a wide range of themes relating to EIA and SEA in terms of process, practice, case studies and contextual aspects.

Social impacts of recreation resource demand

Hobson Bryan, Nick Taylor

This social impact assessment (SIA) of changes in supply and quality of outdoor recreation focuses on comparing the cases of trout fishing in the United States and New Zealand.

Is quiet the new loud? The economic value of quiet

Liz Clarke, Petrina Rowcroft, Abigail Bristow, Chris Skinner, Paul Shields

Is quiet the new loud? Towards the development of a methodology for estimating the economic value of quiet and quiet areas.

Expert Systems for EIA: Past, Present and Future

Mark G. Hodges, James Rautner

Past, present decision support and expert systems for EIA are reviewed. A proposed expert system, based on past work, technological advancements, and current and future needs for EIA is presented.

Cumulative effects assessment at the National Energy Board

Kent Lien

The National Energy Board of Canada (NEB) regulates hydrocarbon transmission pipelines under federal jurisdiction. This paper will discuss the NEB's pragmatic approach to cumulative environmental effects assessment.

General aspects of EIA and SEA III

Thursday, 2 June | 14:30-16:00 | Alto A

Convener(s): Carys Jones

Format: Paper session

This session focuses on a wide range of themes relating to EIA and SEA in terms of process, practice, case studies and contextual aspects.

Impact of nature and cultural tourism in Tua Vale

João Joana de Melo, José Veiga Simão

Nature- and culture-based touristic development can create 11 times more jobs per million Euros invested than the construction of the dam.

EIA of a canal: Decision review for biodiversity

Asha Rajvanshi, Roshni Arora

The implications of constructing animal-friendly bridges across canal proposed through a wildlife sanctuary are weighed against other strategies that can secure improvement in functionality and better integration of habitats.

Perception of environmental offset as mitigation measure

Prince Mmom, Israel Owate, Moses Baridoma

Environmental offset is a veritable tool for mitigating residual impacts of development on the environment. However, there is variation in perception and adoption among practitioners and stakeholders in Nigeria.

Tiering SEA and EIA in Dutch infrastructure practice

Luis Martins Dias, Jos Arts

Dutch infrastructure case studies apply tiering of SEA (alternatives' comparison, qualitative and simple), EIA (one alternative, juridical testing) and EIA follow-up (national monitoring programmes) in order to overcome planning deadlock.

World Bank: SEA case studies from Africa

Alexandra Bezeredi, Cary Anne Cadman

The session will focus on the use of SEAs across growth sectors in Africa to promote best practice in the application of SEAs as a strategic development tool.

General aspects of EIA and SEA IV

Thursday, 2 June | 16:30-18:00 | Oriental II

Convener(s): María Antonieta Gómez-Balandra

Format: Paper session

This session focuses on a wide range of themes relating to EIA and SEA in terms of process, practice, case studies and contextual aspects.

Environmental assessment: The new institution

Ignacio Toro, Bolívar Ruiz, Oscar Parra, Juan Carlos Monckeberg

This article analyses modifications to Law 19300 related to EIA and the opportunities they present to Chile. Main challenges and the way to address them are identified considering international experience.

Interdisciplinarity on complex SES in Mexico

Marco Gutierrez Gonzalez, Romina Martinez Velarde, Javier Clausen Silva, Paulina Barreto Heredia, Margarita Gutierrez Vizcaino, Kachadourian Marras

Cultural challenges are faced when implementing interdisciplinary approaches among expert groups assessing impacts for complex SES and projects. Mutual learning and communication agreements are discussed based on diverse Mexican cases.

Evaluating pro-project bias in EIA

Carys Jones, Chris Garratt, Adam Barker

Pro-project bias is an issue, but is not considered a major problem by all practitioners; however, decision-makers are not confident of the objectivity of ESs.

The Mexican Connection

Charlie Wolf

The paper sketches (1) the impact history of the host community and country; (2) impact tourism opportunities for direct personal experience; (3) assessments of these situations by impact assessment practitioners.

General aspects of EIA and SEA V

Friday, 3 June | 11:00-12:30 | Oriental II

Convener(s): María Antonieta Gómez Balandra

Format: Paper session

This session focuses on a wide range of themes relating to EIA and SEA in terms of process, practice, case studies and contextual aspects.

Payments for ecosystem services: Managing impacts

Liz Clarke, Petrina Rowcroft, Steve Smith

Can payments for ecosystem services provide a cost-effective approach for the prevention of adverse impacts on ecosystems, remediation and ecological enhancement? What are the barriers and opportunities to their use?

Developing IBIA: Legal and administrative issues

John Fry, Berna Grist, Tamara Hochstasser, Peter Carvill

A review of EU legal biodiversity impact assessment requirements in support of the development of an integrated biodiversity impact assessment methodology.

Ecosystem assessment: Survey and applications

Myungjin Kim, Jiyeon Kim, Taeyoung Choi, Taekyu Kim, Kohong Song

Ecosystem assessment is an application of EIA of growing importance in Korea. Its applications can contribute to efforts both to enhance environmental quality and to facilitate the transition to sustainability.

Several activities for ecosystem impact assessment

Myungjin Kim

Ecosystem assessment in environmental impact assessment (EIA) takes an important role in Korea. Several activities for ecosystem impact assessment are conducted.

Health

Health in impact assessment

Tuesday, 31 May | 14:30-16:00 | Alto B

Convener(s): Francesca Viliani

Format: Paper session

IAIA Section: Health

Health and wellbeing are routinely included in different kinds of impact assessments; however, these concepts are not always well covered and properly investigated. This session introduces the debate and presents experiences regarding the inclusion of health in Impact Assessment

Integrating health and SEA into tertiary training

Julia Nowacki, Marco Martuzzi

Results of a research on health and EIA/SEA trainings will be presented and the outline of a health in IA train the trainers course will be discussed.

Mainstreaming HIV into EIAs for capital projects

Bryony Walmsley, Benjamin Ofosu-Koranteng

A UNDP programme is investigating ways in which to incorporate HIV into EIAs for large capital projects in eastern and southern Africa. The results and recommendations will be presented.

Engagement and HIA: Case study from Guinea

Mark Divall, Mirko Winkler

Engagement with the Ministry of Health to facilitate the HIA process is important. The presentation will outline the success of an engagement strategy to support a HIA in Guinea.

Cities and city regions: Health, environment, society and sustainability

Wednesday, 1 June | 16:30-18:00 | Alto A

Convener(s): Ben Cave

Format: Paper session

This session will look at four examples whereby development of, and in, city regions aims to protect health and wellbeing. We will look at recent developments in noise and health; at health in EIA, at systems for monitoring effects, and at a case study from Tehran.

Local government, health and major project EA

Patrick Harris, Harrison Ng-Chok, Ben Harris-Roxas, Marilyn Wise, Elizabeth Harris, Lynn Kemp

We audited who has provided input to EAs in across five year period in a sub-region of Sydney. Local government was the principle agency, with implications for influencing EA's health content.

Sustainability-based urban regeneration in Tehran

Soleiman Pakseresht, Mohammad Fazeli

Based on a case study of a regeneration project in Tehran, the article will discuss the main requirements of a sustainability-led regeneration strategy for Tehran city.

Strategic-level assessment of transport noise

Lex Brown

Routinely included in project-level EIA, new guidance for quantitative risk assessment of health impacts of transport noise now allows its consideration at strategic levels-regional/national transport planning and policy assessment.

Advanced Monitoring-Based Corrective Action (MBCA)

Giuseppe Magro, Stefano Scarpanti, Jenny Dolfini

MBCA as an integrated monitoring informative system for armonizing measures and modeling performances, connecting and selecting driver variables for orienting decisions.

Impact Assessment: Its Influence in Decision Making

The state of the art of sustainability planning and assessment I

Wednesday, 1 June | 14:30-16:00 | Constancia

Convener(s): Jenny Pope

Format: Paper session

Cutting-edge theory and applications of sustainability planning and assessment are explored based on experience around the world. The emphasis is on moving from theory to practice including application of effective techniques and engagement of stakeholders. Facilitated audience discussion will follow presentation of papers.

EIA contributions to sustainability

Ana Cravo, Maria Rosário Partidário

EIA is a powerful environmental assessment tool in transitioning processes towards sustainability. An innovative framework that highlights practical contributions of EIA is presented.

Sustainability assessment of sugarcane ethanol

Tadeu Fabrício Malheiros, Carla Grigoletto Duarte, Robert B. Gibson, Kyrke Gaudreau, Evandro Mateus Moretto, Joviniano Pereira da Silva Netto

This paper describes a specified application of the sustainability assessment framework developed by Gibson et al. (2005) to assess a proposed sugarcane ethanol mill in São Paulo state, Brazil.

Vulnerability maps: A useful tool for ESIA

Emiliano Azcona, Fabian Palmada

Oil and gas pipelines ESIA needs to identify the RoW sectors where the impacts will be more important according to the social and environmental local context, to design and implement better ESMPs.

Assessing significance of impacts

Claire Gronow

EIA gives rise to sustainable decision making only where the scale and nature of impacts are clearly set out. Current approaches are examined and a new approach is proposed.

The state of the art of sustainability planning and assessment II

Wednesday, 1 June | 16:30-18:00 | Constancia

Convener(s): Angus Morrison-Saunders

Format: Paper session

Responsible hydropower development approach

Risa Morimoto

This study provides an effective project evaluation method that enables decision makers to identify a sustainable balance between economic growth facilitated by hydropower and socio environmental objectives.

Ecosystem approach in the EIA of Paso de Reyna Dam

Martin Quijano, Grethel Villicana, Carlos Lecanda, Rosadina Llerandi

We constructed a model of regional ecosystem functioning for the EIA of the project, integrating the principles of the SAE in the current evaluation process in Mexico.

Impact assessment for sustainable urban planning

Ainhua Gonzalez, Alison Donnelly, Mike Jones

Developing and applying an impact assessment model based on urban metabolism components to assess the sustainability of planning alternatives.

Stakeholder networks and impact assessment

Friday, 3 June | 09:00-10:30 | Luz A

Convener(s): Ilse Aucamp, John Devlin

Format: Paper session

IAIA Section: SIA

This session introduces stakeholder network analysis as a dynamic and useful component of impact assessment. The session explores the use of social network analysis for understanding the socio-political complexities in development projects. Challenges in countries where social interaction as part of the IA process is emerging will be discussed and best practice examples will be shared.

Stakeholder networks and impact assessment

Robert Boutillier, Sara Bice, Leora Black

Introduction to stakeholder network analysis in SIA. Case studies from Australia and Latin America illustrate how it reveals the socio-political complexities that emerge when project proponents meet politically active stakeholders.

Making stakeholder networks visible

Kimmo Jalava, Lotta Jaakkola, Pekka Hokkanen, Markku Kuitunen

The paper discusses the possibilities and challenges in design of EIA stakeholder-driven internet platform and reports the results of a design-supportive survey targeted at different stakeholder groups.

Do you know who I am?

Ilse Aucamp

Stakeholder analysis should form part of every impact assessment. It is a tool that assists in understanding the complex working of communities.

Iranian social impact assessors and responsible development

Fardin Alikhah

What are the Iranian social impact assessor's interpretations towards responsible development and how can SIA can help fulfill them?

Impact Assessment: Its Influence in Decision Making

Research for policy impact assessment: Examples from the Americas

Thursday, 2 June | 16:30-18:00 | Oriental I

Convener(s): Aranka Podhora

Format: Paper session

Several countries apply ex-ante policy impact assessment with a view to environmental protection or sustainable development. The session covers tools and methods that analyze the effects of these policies, sheds light into political challenges that limit the implementation of the results, and describes specific case studies from Latin America.

Legal and guidance advances for SEA in Brazil

Maria Partidário, Izabella Teixeira

SEA is evolving in Brazil towards more constructive, sustainability-oriented and integrated approaches. This paper shares current SEA advances in Brazil with the SEA international community.

Integrated Impact Assessment using SIAT

Stefan Sieber, Klaus Müller, Karen Tscherning, Dirk Pohle, Katharina Fricke

SIAT provides the means to improve model-based integrated IA studies. Policy simulations in the frame of European agricultural policy run spatially-explicit trade-offs analysis. Tests on transferability to Latin-America were successful.

Impact assessment of ICT policy in Brazil

Giancarlo Stefanuto, Sergio Luiz Salles-Filho, Carolina Mattos, Camila Zeitoun, Fernando Colugnati

This paper summarizes results and impacts of the assessment of the Information and Communication Technologies (ICT) Law in Brazil between 1998 and 2008 and proposes improvements for this Law.

Experience of the social development valuation

Pablo Yanes, Myriam Cardozo

EvalúaDF is creating a methodology document where feasibility is reviewed in our context as well as the advantages and disadvantages of the different methods that are available.

Evaluation of biodiversity research program

Camila Zeitoun, Paula Castro, Sergio Salles-Filho, Fabio Sá, Fernando Colugnati

This paper presents and discusses the outputs and outcomes arising from this biodiversity research program.

EIA success cases I

Tuesday, 31 May | 14:30-16:00 | Luz A

Convener(s): Luis E. Sánchez, Miguel Coutinho

Format: Paper session

What is an EIA success case? How does EIA add value to decision-making? How can we collect and use them to promote EIA? This session is expected to stimulate a debate among impact assessment professionals about how to show the relevance of EIA to stakeholders.

From economic to holistic focus: An EIA success

Deborah Donkin, Guy Butler

Through an EIA, an economically driven development in a sensitive environment, evolved into a holistic vision, promoting economic and social needs while significantly protecting vast tracts of ecologically sensitive habitats.

Cuyutlán railroad in Manzanillo: A success case

Sergio López Noriega, Norma Fernández Buces

Cuyutlan lagoon railroad in Manzanillo, Mexico; a success case in a win-win relationship between modernization, development and environment.

Residual impacts of offshore exploration drilling

Fabián Palmada, Emimiliano Azcona

Very detailed ESIA's and management plans have to be developed to avoid impacts on sensitive marine areas. This case study comprises the ESMP implementation and the results obtained.

EIA success cases II

Tuesday, 31 May | 16:30-18:00 | Luz A

Convener(s): Miguel Coutinho

Format: Paper session

What is an EIA success case? How does EIA add value to decision-making? How can we collect and use them to promote EIA? This session is expected to stimulate a debate among impact assessment professionals about how to show the relevance of EIA to stakeholders.

Socio-economic impacts of military-induced growth

Paul Sage, Amber Guillory, David Kiernan

This presentation will outline the study approach, processes used and findings of a Socioeconomic Impact Assessment Study (SIAS) conducted on the military-induced population growth on the US Territory of Guam.

EIA achieves environmentally friendly golf courses

Iñigo Sobrini, David Gomez, David Becerra, Juan J. Abaitua

Tres Cantos is a new environmentally friendly golf course next to Madrid-Spain, with positive EIS by means of introducing great changes in initial project size, elements' location and course design.

EIA successful cases: Comisión Federal Electricidad

Guillermo Zúñiga-Gutiérrez, Francisco Hernández-Alvarez

Several successful EIA cases developed by Comisión Federal de Electricidad that help protect ecosystems and people, prevent potential conflicts, and obtain authorizations.

Environmental and social impact assessment as if management matters

Thursday, 2 June | 11:00-12:30 | Constancia

Convener(s): Tim Hart, Frank Vanclay

Format: Paper session

Management plans are a recognised outcome of the Environmental and Social Impact Assessment (ESIA) process. Effective plans should flow from robust assessment and rigorous consultation, but results are often disappointing. Through international case studies and open discussion this session will capture and document lessons for ESIA where management truly matters.

Delivering on environmental commitments

Claire Gronow

This presentation will show how successful environmental management commences in the EIA process using a case study of a sensitive project delivered in full compliance.

JICA's EIA capacity development in East Timor

Kanji Usui

Analysis of the JICA's EIA capacity development program in East Timor under post-conflict situation.

Social assessment and responsible decision-making

Andrea Jardine-Orr

A social assessment and management plan can provide a way for government to manage the potential social impacts of industrial development.

EIA implementation and its linkage to project EMS

Behzad Raissiyan

How can EIA practitioners facilitate and influence EIA implementation and follow up in mega oil development projects? Initiatives to improve linkage between EIA and EMS.

Follow up the EIA in Veracruz, Mexico

Beatriz Silva-Torres, Miguel Castillo-González, Cristhian Soto Mote

Based in model KSIM, characteristics and performance of water, soil, vegetation and air were predicted. This prognosis was made under two conditions, and two evaluations were carried out in 2006 and 2010.

Oil and Development

How can we make the oil and gas industry environmentally responsible?

Wednesday, 1 June | 16:30-18:00 | Auditorium

Convener(s): Peter Tarr, Bryony Walmsley

Format: Workshop

Using practical examples from recently completed SEAs in the oil and gas sector, the facilitators will describe how an SEA process can determine sustainability criteria, and how it can identify cumulative, synergistic and antagonistic effects and how to develop strategic environmental management plans relevant for a greener oil and gas sector.

Country experiences with oil industries and the environment

Wednesday, 1 June | 11:00-12:30 | Luz B

Chair: Solveig Andresen

Format: Paper session

This session is for country experiences, and some of the speakers are from the group of people receiving capacity building support from the Oil for Development program to attend IAIA11. Each will present a set of issues and problems based on their own national experience, but relevant for the whole audience.

Oil and gas and the environment in Trinidad and Tobago

Cindy Chandool

The EIA experience within the oil and gas industry in Trinidad and Tobago is examined to identify benefits and challenges in order to facilitate the attainment of environmentally responsible development.

Early experiences of SEA in the oil and gas sector

Tuesday, 31 May | 14:30-16:00 | Oriental II

Convener(s): Terje Lind, Ineke Steinhauer

Format: Paper session

This session is to share ideas and report on first experiences from the Norwegian Oil for Development program and the Netherlands Commission on environmental Assessment in Ghana, Uganda, Mauritania, Bolivia and the West African region. Presenters will share their experiences from governmental, NGO and consultant's perspective.

Initial experience in SEA of oil and gas in Ghana

Jonathan Allotey, Ebenezer Appah-Sampong, Christine Asare, Kwabena Badu-Yeboah

Ghana has initiated an SEA of the oil and gas sector. This paper primarily explores the basis for the SEA, approaches, the expected outcomes, experiences and lessons for future SEAs.

SEA of Mauritania oil and gas sector: Lesson Learned

Marcello Iocca, Miles Scott-Brown

Weak institutional structures and lack of local competence pose major challenges for Mauritania to effectively manage rapid growth of hydrocarbon sector. Recommendations summarize institutional, environmental and social SEA strategic options.

Using SEA in the oil and gas sector in West Africa

Arona Soumare

Using SEA to promote environmentally responsible off shore oil and gas development in West Africa. Process, lessons learned and challenges.

Oil exploration in sensitive ecosystems

Justine Namara

Oil exploration in Uganda is taking place in sensitive ecosystems. Government is putting in place measures to minimise impacts including EIA, SEA and sensitivity atlas and ensure co-existence.

SEA in two regions with hydrocarbon potential in Bolivia

Lourdes Calla

The Ministry of Hydrocarbons and Energy is applying SEA in the North of La Paz department where there are two protected areas, Madidi and Pilon Lajas, and in Aguargüe National Park, in Southern Bolivia.

Oil for Development role-playing session I

Thursday, 2 June | 14:30-16:00 | Violeta II

Convener(s): Richard Fuggle

Format: Workshop

This is an awareness and capacity building workshop demonstrating to the participants the complex issues of reaching agreement of the scope of an IA when opposite interests are involved. The session builds on the experiences gained at a special Oil for Development session held at IAIA09 in Ghana.

Oil for Development role-playing session II

Thursday, 2 June | 16:30-18:00 | Violeta II

Convener(s): Richard Fuggle

Format: Workshop

This is a direct continuation to the Oil for Development role-playing session I. This is an awareness and capacity building workshop demonstrating to the participants the complex issues of reaching agreement of the scope of an IA when opposite interests are involved. The session builds on the experiences gained at a special Oil for Development session held at IAIA09 in Ghana.

Environmental and socio-economic assessment and management in the oil and gas sector

Wednesday, 1 June | 14:30-18:00 | Violeta I

Convener(s): Ana Maria Esteves

Format: Paper session

This session explores how IA can guide strategies for local procurement. Participants will be encouraged to think critically about how to predict, manage and monitor the social impacts of procurement interventions at community level. Presentations and group discussions will cover themes such as perspectives on lessons learnt to date, what is "good practice" assessment for community participation in the supply chain, and legal and institutional requirements: what does an "enabling environment" look like?

Environmental degradation and involuntary migration in the Niger Delta

Prince Mmom, Nene Jamabo

Oil exploitation has resulted in environmental degradation and involuntary migration and population displacement in the Niger Delta. This has thus posed a threat to socio-political cohesion in the region.

Wet meadow management for oil pipeline projects

Sükran Sahin, Ekrem Kurum, Halim Perçin

This paper is concentrated on the Zamanti River crossing of the Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project and its wet meadow management activities for the protection of sensitive landscape.

Pre-salt oil and its contribution to sustainable development in Brazil

Cristiano Vilardo, Alexandre Campos

This paper evaluates how much the new regulatory framework for pre-salt exploration and the current impact assessment framework are able to contribute to sustainable development in Brazil.

Public Participation

Sustaining public participation over time

Wednesday, 1 June | 11:00-12:30 | Oriental I

Convener(s): John F. Devlin

Format: Paper session

IAIA Section: Public Participation

The scale of large infrastructure projects often means many years of planning before the actual construction commences. Early engagement with the community is crucial to ensure fair, free and informed participation. However, what happens when the project is suspended, deferred, or the approval process is extended? This session will present examples from Mexico, Chile, Quebec, and Australia.

Social and environmental impact aspects of La Yesca Hydroelectric Power Project

Jose Antonio Dehesa

The paper reviews social and environmental compensation and restitution claims arising during the La Yesca Hydroelectric Power Project project's operational phase.

Public participation in EIA: New challenges

Juan Pablo Armissen, Ignacio Toro, Juan Carlos Monckeberg

This article reviews the historical process of public participation in the environmental assessment system of Chile over the last 12 years and presents the challenges it currently faces.

Hydro-Quebec strategies for social acceptability

Benoit Gagnon

Hydro-Quebec's numerous hydropower and transmission projects demonstrate that sound project management, long-term local community relationships, and personal commitment of the environmental team are key strategies for social acceptability.

Trust in times of uncertainty

Rita Sully

This paper will present a situation where a project was deferred after an initial community engagement and the implications of this deferment in terms of community uncertainty, relationships, trust and transparency.

Public participation, value conflict, and the politics of impact assessment I

Wednesday, 1 June | 14:30-16:00 | Oriental I

Convener(s): John F. Devlin

Format: Paper session

IAIA Section: Public Participation

Projects continue to be designed, approved and implemented with economic valuations foremost while social and environmental values are given secondary or tertiary consideration. This is the first of two sessions presenting case studies highlighting how public participation challenges such outcomes and sometimes suggests alternatives. Case studies from India, Mexico, Quebec, and Suriname will be presented.

Public participation and public hearings in India

Nirmalya Choudhury

Public hearings in Indian hydropower and irrigation projects have often left many people dissatisfied and the environment vulnerable with the result that legality is achieved but legitimacy is not.

Public participation as a means of ESIA process

Grethel Villacaña, Martin Quijano

This paper discusses the effectiveness of the public participation process in Mexico from an environmental, legal and social perspective and asks if it serving the interest of stakeholders and the environment.

Modernizing and strengthening Cree participation

Kelly LeBlanc, Ginette Lajoie

This paper describes a project to revise the public participation process based on Cree involvement in recent development projects under the environmental assessment procedure in Quebec, Canada.

Politics and rights: Where does IA stand?

Sunrita Sarkar

This paper presents a case study of an ongoing stalemate between a mining project and indigenous people's group in Suriname which highlights how the lack of legislation can exacerbate conflict situations.

Public participation, value conflict, and the politics of impact assessment II

Wednesday, 1 June | 16:30-18:00 | Oriental I

Convener(s): Rita Sully

Format: Paper session

IAIA Section: Public Participation

Projects continue to be designed, approved and implemented with economic valuations foremost while social and environmental values are given secondary or tertiary consideration. This is the second of two sessions presenting case studies highlighting how public participation challenges such outcomes and sometimes suggests alternatives. Case studies from Hong Kong, Mexico, Canada, and Pakistan will be presented.

The role of NGOs in Hong Kong's EIA process

Cho Nam Ng

This paper examines the role and influence of Environmental NGOs in Hong Kong's EIA process, and discusses the key institutional, social and political factors which help determining the outcomes.

Technical-legal scope of public consultation

Arturo Pelaez

In Mexico public consultation requires stronger methodological or technical approaches to bring confidence to the process and reduce the scope for advertising scandal and stimulating street demonstrations.

Scoping to prioritize in Canada's NWT Mackenzie Valley

Alan Ehrlich

This talk explores participatory approaches to prioritizing issues in scoping, using methods borrowed from facilitation. A particularly successful result: Terms of Reference that explicitly assign issues to priority categories.

How can EIA help in resolving conflict?

Asadullah Faiz

The first modern engineered landfill proposal in Pakistan got stuck on issues raised by local communities regarding social impacts and resettlement. Could clear guidelines for focused public hearing help avoid this?

Public participation and EA follow-up

Thursday, 2 June | 11:00-12:30 | Violeta I

Convener(s): Rita Sully

Format: Paper session

IAIA Section: Public Participation

This session will discuss public participation in EA follow-up. Papers will consider both methodologies for more effective monitoring and management following project approvals and how public participation can shape and be shaped by ongoing processes of cooperation and conflict between proponents and communities. Cases will be presented from Canada, Cameroon, Ecuador, Brazil, and South Africa.

Monitoring, prediction, management of noise on VEC

Louis E. LaPierre

The BoomCast model provides a monitoring tool based on GIS mapping of data on the probability of exceeding noise thresholds identified as a noise disturbance to a valued environmental component.

EA follow-up in AfDB roads projects in Cameroon

Benjamin Tchoffo

This paper assesses the efficiency of EA follow-up in AfDB road projects in Cameroon and proposes recommendations to improve EA follow-up and AfDB environmental management in roads projects

Stakeholder alliances: contested rural development

Karen Buchanan

This paper explores the politics of a long-running socio-environmental mining conflict in north-west Ecuador discussing the often pivotal role of public participation in determining each proposed intervention's outcome.

Power, contention, and public participation in EA follow-up

John F. Devlin, Morgan Boyco, Denise Tubino

The paper argues that there is variation in the impact of public participation in EA follow-up because EA outcomes are influenced by variations in stakeholder power.

Public Participation

Notes

Social media and public participation in IA

Thursday, 2 June | 14:30-16:00 | Violeta I

Convener(s): John F. Devlin

Format: Workshop

IAIA Section: Public Participation

This session will consider how social media are being used to facilitate participation in environmental, social and health impact assessment. Two presentations introduce case studies on the use of social media in health campaigns and consultation programs. These presentations will be followed by an open discussion of how best to organize research on the use of social media among IAIA members and how to integrate social media into future IAIA programming.

Using social media to access HIA information in Thailand

Khanitta Seaiew

In Thailand the web is used to disseminate HIA information and to serve as a public forum, through a blog for all stakeholders to exchange lessons learned and share HIA information.

The risks of ignoring social media

Gwen Brice

This presentation considers the risks of not integrating social media into a proponent-driven consultation program for a power generation project and what can happen when the opposition fully embraces these tools.

Researching social media for IAIA

John F. Devlin

The paper presentations will be followed by an open discussion of how best to organize research on the use of social media among IAIA members and integrate social media into future IAIA programming.

Active worldwide

5,500 employees

Shared mission, values, and projects

Established in 1917

Consultancy and Engineering

NACO

Delcan

SSI
A DHV COMPANY

Social Impact Assessment

Perspectives on development impact

Thursday, 2 June | 16:30-18:00 | Alto B

Convener(s): *Melissa Wells*

Format: *Paper session*

This session will examine the different perspectives of private companies and international aid agencies and consequences for impact assessment. Different priorities in terms of geographic reach, duration and effectiveness will be explored. Following several presentations, a discussion will center on identifying avenues for alignment to increase overall benefit creation.

Extractive industries and local development

Melissa Wells

Drawing on case studies of LNG in the Asia-Pacific region and mining in Papua New Guinea, this paper explores how impact assessment can be used to create local economic benefits.

From philanthropy to strategic investment

Liz Wall

The French mining company AREVA is moving from philanthropic donations to strategic social investment to better identify and realise the business case for its social contributions.

Impact assessment for aid projects in Vanuatu

Te Kipa Kepa Brian Morgan, Keri Yukich

Infrastructure project impacts are determined recognising the importance of cultural context. The Mauri Model Decision Making framework provides a new assessment methodology for culturally contextualised analysis of foreign aid projects.

Due diligence in public-private partnerships

Jeanne Ellis

This presentation will explore best practices in designing public-private partnerships, using the case study of the USAID Uganda Health Initiatives for the Private Sector (HIPS) Project.

Challenges of implementing OP 4.12 in Tanzania

Hussein Sosovele

Lessons on challenges a recipient country is facing in implementing OP 4.12 will help in developing options that can increase the effectiveness of the OP in achieving the desired results.

Using SIA to enhance and restore livelihoods

Wednesday, 1 June | 16:30-18:00 | Esperanza

Convener(s): *Ilse Aucamp*

Format: *Paper session*

IAIA Section: *SIA*

The social environment constantly adapts to change and social impacts change throughout the development process. If social impacts are managed and mitigated properly, the process can add to socio-economic development and the restoration and enhancement of livelihoods. This session explores ways in which SIA can be used to assist in restoring and enhancing livelihoods.

Managing Social Impact in E&P Projects

Eno-Obong Ekong, Adebajji Adekoya, Emmanuel Ekpenyong

As mitigation of social risk increasingly become critical success factor in oil and gas investment projects, lessons from successful projects would become important input in proposed development.

Social capital, resilience and livelihoods in SIA

Nick Taylor

This paper considers the concepts of social capital, resilience and livelihoods in SIAs at the community level, particularly in framing the assessment and preparing social impact management plans.

Going beyond impact assessment

Ilse Aucamp

The SIA process traditionally stops when the impact assessment is completed. This paper investigates how practitioners can go beyond impact assessment towards better implementation and management.

The gas to electricity project: An effective ESIA

Beatrice Mchome

EIA and World Bank Safeguard policies when applied to large infrastructure project can assist investing companies to employ international best practice in the management of the environmental and social impacts.

Developing the International Guidelines for SIA

Thursday, 2 June | 16:30-18:00 | Constancia

Convener(s): *Frank Vanclay*

Format: *Workshop*

IAIA Section: *SIA*

This workshop will allow participants to contribute to the development of the International Guidelines for SIA. Being built on the foundations of the International Principles for SIA, the Guidelines are intended to provide practical guidance to assist in the implementation of improved processes and procedures for SIA. Feedback is requested on a basic structure of the Guidelines as developed by a small working group.

Development-induced displacement and resettlement

Wednesday, 1 June | 11:00-12:30 | Luz A

Convener(s): *Charlotte Bingham*

Format: *Paper session with Q&A and roundtable discussion*

IAIA Section: *SIA*

Displacement is amongst the severest of social impacts that can be caused by development projects. Hydropower plants, railways, highways, airports, conservation parks, irrigation schemes: shortly, all projects that require land may—and often do—displace people. Despite their severity, displacement and resettlement remain understudied fields with many unanswered questions. This session will facilitate sharing knowledge and experiences in the field of development-induced displacement and resettlement (DIDR).

Resettlement in action: Mali Alatona Irrigation

Mahmadou Maiga, Charlotte Bingham

This presentation will show how management is key to moving people from their land, building new villages, developing irrigation infrastructure, leveling land, delivering the land, mitigating social impacts and growing firewood—all at the same time.

Megaprojects and forced displacement in Mexico

Carlos Dominguez, Scott Robinson

The paper analyses a number of infrastructure mega projects in Mexico and identifies potential legal and management policies that could improve the processes of forced displacement.

Conservation-induced displacement-India experience

Vinod Mathur, Satya Prakash Yadav

Displacing human communities to create “involute” wild habitats in conservation areas in India has been a mixed experience. Moving from an exclusive to an inclusive approach has therefore become a conservation imperative.

Gender impact assessment: Between benefits, betterment and betrayal

Tuesday, 31 May | 16:30-18:00 | Oriental I

Convener(s): *Arn Thorben Sauer*

IAIA Section: *Social Impact Assessment*

Gender impact assessment (GIA) makes it possible to plan and implement policies, programs, projects, or any other kind of intervention in a more equitable and tailor-made fashion, by assessing impact in a way that addresses gender-differentiated target groups. It encourages gender equality, generates better outcomes and increases efficiency.

Gender within an integrated IA framework

Arn Thorben Sauer

An integrated gender lens has not arrived at the core of the EC's integrated impact assessment. As a consequence, the gender mainstreaming approach has not been translated into IA processes.

Social Impact Assessment

Gender and diversity in policy impact assessment

Aranka Podhora, Katharina Helming, Thomas Heckelei, Jacques Jansen, Petrus Kautto, Pytrik Reidsma, Klaus Rennings

Though gender and diversity aspects gain importance in IA guidelines, EU research on their tools can currently be regarded as weak. Political will and research attention can harmonize this contradiction.

Gender as determinant of health in HIA

Francesca Viliani

The paper will present examples from HIA of extractive industries projects to show that the use of the category "women" should be substituted with a more robust gender analysis.

Community perceptions of mining and local governance

Tuesday, 31 May | 14:30-16:00 | Esperanza

Chairs: Rauno Sairinen, Ilse Aucamp

Format: Paper session

IAIA Section: CSRM

This session will focus on community and stakeholder responses to mine development, and the incorporation of these responses into assessment, planning and management.

Some issues in the Surat Basin mining region

Galina Ivanova, John Rolfe, Lindsay Greer, Stewart Lockie

Australia: Options to increase the effectiveness of mining companies to contribute more effectively to regional development and to enhance the long term benefits of resource development for regional communities are suggested.

Finland: Local responses to environmental impacts of mining

Tuija Mononen

The paper examines how local people experience the environmental impacts (e.g., landscape and nature values, perceptions of environmental risks) of mining.

Social impacts of mining to the rural community

Katja Tervo

The aim of this work is to improve the understanding of the social impacts in remote rural areas and communities in Finland.

A coal barging project on the Zambeze River

Kamal Govender, Stuart Heather-Clark, Samantha Moodley

Responsible development means different things to different stakeholders. This paper evaluates the success of the ESIA in facilitating responsible development.

Local governance and sharing of mining benefits

Tuesday, 31 May | 16:30-18:00 | Violeta II

Convener(s): Rauno Sairinen, Liz Wall

Format: Paper session

IAIA Section: CSRM

This session will focus on how the benefits from mine development can flow to communities, and the involvement of local and Indigenous people in governing the distribution of benefits.

Foundations as tools for sharing mining benefits

Liz Wall

This paper presents findings from a World Bank review of company, government and community experiences of using foundations, trusts and funds as a means of distributing benefits from mining.

Mining foundations and knowledge transfer

Caitlin McElroy

This paper investigates the different aspects of the performance of social investment practices in the mining industry through corporate foundations to manage the social benefit of mining operations.

Local governance in a mining community in Brazil

Luis E. Sánchez, Solange Silva-Sánchez

In a municipality featuring 65 years of mining, indicators of social and economic development were collected and compared with surrounding non mining municipalities. Are there significant differences?

Indigenous Peoples, CSR and impact assessment

Cássio Ingle de Sousa, Luana Andrade

This paper presents preliminary reflections from the experience to incorporate Indigenous Peoples affairs on strategic planning and licensing process for Vale Company, in which both authors are involved.

Social impact assessment in mining, oil and gas

Wednesday, 1 June | 11:00-12:30 | Alto B

Convener(s): Ilse Aucamp, Rauno Sairinen

Format: Paper session

IAIA Section: CSRM

This session will examine the application of SIA in the resources sector, covering large-scale mining, artisanal mining, and oil and gas.

Social impact assessment in a context of conflict

Kathryn Tomlinson, Delphine Thizy, Francesca Viliani

This paper discusses the authors' experiences of carrying out a social impact assessment for a mining project in Côte D'Ivoire in a local area experiencing inter and intra community conflicts.

SIA of the Malmberget Mine in Sweden

Charlotta Faith-Ell, Annika Lindgren

This paper discuss an SIA focusing on the impacts on the local community in Malmberget due to a shift of the blasting period by two hours.

Social impacts of oil and gas industry development

Mohammad Fazeli, Soleiman Pakseresh

The paper has a theoretical approach that we need in SIA and to develop insights on local-national relations in development planning and SIA.

An artisanal mining environmental code of practice

Morgan Hauptfleisch, Piers Vigne, Rainer Ellmies

The paper will showcase an environmental code of practice developed for artisanal mining in Namibia. It illustrates simple yet essential measures to address impacts from this informal industry.

Strategic approaches to mine development

Friday, 3 June | 09:00-10:30 | Auditorium

Convener(s): Bryony Walmsley

Format: Paper session

IAIA Section: CSRM

This session will focus on the application of SEA to the mining sector, and to the early involvement of assessment practitioners in mine design.

The SEA of reclamation of post-mining landscape

Miroslav Martis, Emilie Pecharova

The rehabilitation of post-mining landscapes is understood in relation to the regeneration of ecosystem functions and social-economic links. The SEA and EIA case studies are located in western Bohemia (Lake Medard).

Coordinating the Uranium Rush: The role of SEA

Bryony Walmsley, Peter Tarr

The Uranium Rush pitted large scale developers and development against a well established ecotourism industry and an under-prepared local and national government. A common vision was negotiated through the SEA.

EIA and permitting master plan in mining projects

Martha Ly

Peruvian EIA has to consider at least the feasibility engineering studies in the project description to develop the impact assessment and risk assessment. These considerations will facilitate the permitting process.

Mine design and environmental assessment

Alvaro Paredes

This is a tool for the engineering and environmental teams involved in a mine development to understand the type of project information that is relevant and when it is required.

Strategic Environmental Assessment

Asian SEA, EIA and sustainability assessment I

Thursday, 2 June | 11:00-12:30 | Alto B

Convener(s): Kii Hayashi

Format: Paper session

IAIA Section: SEA

Participating in this Asian EIA/SEA session will give you good knowledge on EIA/SEA good practices in this region and also provide you good human network in Asia.

Prospects of SEA in Pakistan: A case study of CDWA

Nazia Zakir Ahmed, Aurangzeb Khan

CDWA aims at providing safe drinking water to general masses in Pakistan. This case study highlights the requirement of institutional capacity and legal mechanism for SEA application to programmes and policies.

Implement of EIA promises from the developer

Tung-Wan Chang, Sun Wei-Chien, Cheng Hui-Wen

This paper will illustrate the EIA regulation about government supervision, and discuss the developers' responsibility, compulsory or voluntary.

Indicator and communication in SEA: The China case

Jingjing Gao, Lone Kørnø, Per Christensen

The paper takes a Chinese SEA case study to discuss the effectiveness of SEA by using indicators in influencing the communication between stakeholders in SEA process.

Expectation on railway expansion in Hong Kong

Henry Leung, Richard Kwan, Glenn Frommer

This paper presents the proactive approach that MTRCL is adopting in managing environmental challenges during this railway expansion process as well as maintaining their key core competence on environmental management.

Environmental assessment and enforcement in China

Xin Ren

Review of EA system and and major reasons for poor enforcement in China with recommendations for improving EA system and its implementation and supervision in future.

Asian SEA, EIA and sustainability assessment II

Thursday, 2 June | 14:30-16:00 | Alto B

Convener(s): Jong-Gwan Jung

Format: Paper session

IAIA Section: SEA

Participating in this Asian EIA/SEA session will give you good knowledge on EIA/SEA good practices in this region and also provide you good human network in Asia.

HIA of responsible design for land use in Mab Taput

Duangjai Rungrojcharoenkit, Thunyaporn Surapakdee, Buddhina Nuntavorokarn

HIA is conducted to formulate the scenario of the proposed land use plans and will be used as input for the responsible design of productive land in Mab Ta Put.

Evaluation of the effectiveness and quality of SEA

Huizhi Wang, He Xu

This paper regards that desirable institutional and cross-sectoral collaboration would help enhance SEA's effectiveness. The conclusions point to some suggestions that would help to ensure SEA implementation in China.

Critical factors for implementing EIA effectively

Jie Zhang, Per Christensen, Lone Kørnø

This paper maps out both the factors related with the specific stage of EIA implementation and the general factors referred to the whole EIA system based on comprehensive implementation model.

How can SEA influence decision-making in China?

Zhixi Zhu, Zhaohui Li, Yuchi Luo

This paper discusses how SEA can affect decision-making in the context of China through review of several cases in Guangdong Province.

Strategic environmental assessment and climate change I

Tuesday, 31 May | 14:30-16:00 | Auditorium

Convener(s): Kin-che Lam, He Xu

Format: Paper session

IAIA Section: SEA

What implications will climate change have on the feasibility and sustainability of policies, plans and programs? How should we embrace considerations of climate change risks in the SEA process? With practical examples, this session will provide practical guidance on the planning, design and operation of PPP with climate change considerations in mind. The discussion will cover a wide range of sectors including land use, urban development, industry, agriculture, livestock breeding, forestry, energy, water conservancy, transportation and tourism.

Climate Change and urban SEA in China

He Xu, Jie Ding

This paper explores a framework to incorporate climate change into the SEA process in China and the search for relevant indicators of vulnerability and methodology.

Shaping a sustainability strategy for the Arctic

Juan Azcárate, Berit Balfors, Arvid Bring, Georgia Destouni, Ulla Mörtberg

A strategic environmental assessment is proposed to facilitate strategic dialogues on the consequences of climate change in the Arctic, and to reach consensus on a sustainability strategy for the region.

Climate considerations and adaptation indicators

Hope Herron, Teresa Leonardo, Ms. Charlie Macpherson

Development of effective indicators of adaptive capacity will be explored, based in part on results obtained through USAID's Asia Regional Center of Excellence on Climate Change and Development Feasibility Assessment.

SEA of the Dominican national energy plan

Rodrigo Jiliberto

Contribution of the SEA of the national energy plan to the development of strategic energy planning in the Dominican Republic.

SEA of Spanish river basin plans and climate change

Juan José Rodríguez, David Pereira, Juan José Oñate, Macarena Herrera

A checklist approach is used to study how climate change considerations are assessed in the river basins planning process performed under EU water framework directive through the SEA process in Spain.

Strategic environmental assessment and climate change II

Tuesday, 31 May | 16:30-18:00 | Constancia

Convener(s): He Xu, Kin Che Lam

Format: Paper session

IAIA Section: SEA

Role of SEA in the changing institution of China

Kin Che Lam

This paper discusses what SEA in China should focus on considering that strong central planning is gradually giving way to market forces and public participation.

Study on climate effect of urbanization strategy

Lijun Ren, Wenjun Wang, Tong Chen, Jianchun Wang

The Yellow River Delta is one of the biggest deltas in China. This paper chooses greenhouse gas emissions as the indicator to analysis of the impact of urbanization strategy on regional climate.

Assessing hydrological impacts of climate change

Yongqin Chenn

This study investigated the differences in hydrological responses to climate change scenarios simulated by six different monthly water balance models in the Dongjiang basin, South China.

Use of SEA for developing green, low carbon city

Foon Tung Chan, Kin Che Lam

This research explores the use of SEA for green, low carbon economy in urban master planning and analyze the challenges and issues in the context of China.

Strategic Environmental Assessment

Overview of recent SEA development in Latin America I

Thursday, 2 June | 11:00-12:30 | Oriental II

Convener(s): *Rodrigo Jiliberto*

Format: *Paper session*

IAIA Section: *SEA*

In the last five years, most Latin American countries have developed some experience on SEA because of the approval of national legislation or because of the promotion of its use by the multilateral finance institutions. An initial revision of this experience would be useful to enhance its future effectiveness.

SEA of the Highway Ring Program of São Paulo

Francisco Fabbro Neto, Marcelo Pereira de Souza, Simone Mendonça Santos, Aline Esteves, Olívia Oiko, José Fortunato Neto

This article analyzes the proceedings that characterize SEA and compares the Brazilian experience in transport planning through the Rodoanel Program in São Paulo Metropolitan Region, Brazil.

An overview of current practice of SEA in Brazil

Marcelo Montaña, Priscila Oppermann, Anne Caroline Malvestio

The present paper brings an overview of the practice of SEA in Brazil and describes the main aspects related to publicly available SEA reports produced over the last decade.

Strengths and weaknesses of SEA in Brazil

Priscila Oppermann, Marcelo Montaña

This article analyzes the current situation of SEA in Brazil, their strengths and challenges in relation to the prospects formal/legal, conceptual, practical and institutional in the country.

Overview of recent SEA development in Latin America II

Thursday, 2 June | 14:30-16:00 | Oriental II

Convener(s): *Juan Palerm*

Format: *Paper session*

IAIA Section: *SEA*

In the last five years, most Latin American countries have developed some experience on SEA because of the approval of national legislation or because of the promotion of its use by the multilateral finance institutions. An initial revision of this experience would be useful to enhance its future effectiveness.

EIA Regional modality: An approach to SEA

Beatriz Silva-Torres, Ma. Elena Cuevas Felix

The necessity to elaborate environmental studies so that they incorporate the principles of SEA developed different studies, with a scheme of work close to the strategic environmental evaluation.

EI Manifest: Decision taking or accompaniment

Norma Fernandez Buces, Sergio López Noriega

Document for decision taking or accompaniment of a project.

Innovative SEA application in Colombia

Rodrigo Jiliberto

One of the innovative applications of SEA in Latin American countries is the one applied in Colombia to critical sustainability issues rather than to plans or programs.

Strategic environmental assessment and public participation I

Wednesday, 1 June | 11:00-12:30 | Esperanza

Convener(s): *Jean-Philippe Waaub*

Format: *Paper session*

IAIA Section: *SEA*

SEA is now enforced in many countries. Even with restrictions, public participation procedures at the strategic level were applied in many sectors. What have we learned from years of case studies and theoretical point of views? What are the unsolved issues for the next decade? How to envisage the future?

Public participation in SEA: Where is it?

Delia Gorgos

Involvement of the public throughout environmental procedures is crucial; the challenge remains in developing a capable strategy to obtain the public input when, where and how needed.

What does good public consultation mean for SEA?

Xiaoxin Shi

Public participation in SEAs needs to follow a different track from that in EIAs. A different approach is needed in SEA to utilize the public's knowledge in early decision-making.

Public participation in policy SEA

Fernando Loayza

Drawing on evidence from the World Bank's SEA pilot program, stakeholders analysis, culturally sensitive participatory process, and multistakeholder frameworks are analyzed for SEA in policy and sector reform.

Testing institutions centered approaches to SEA

Anders Ekblom, David Annandale, Anna Axelsson, Mat Cashmore, Måns Nilsson, Daniel Slunge

Building on the evaluation of a recent World Bank pilot program on institution-centered SEA, we present findings on the degree to which this innovative approach to SEA achieved its goals.

Strategic environmental assessment and public participation II

Wednesday, 1 June | 14:30-16:00 | Esperanza

Convener(s): *Jean-Philippe Waaub*

Format: *Paper session*

IAIA Section: *SEA*

Wind farms and public participation

Maria de Lourdes Vazquez Rascon, Jean-Philippe Waaub, Adrian Ilinca

The public sometimes rejects major energy policy decisions. A strategic environmental assessment (SEA) is required to identify and resolve issues involved and at the same time foster public participation.

Using MCDA to plan for the SEA of the Konkouré

Jean-Philippe Waaub, Karim Samoura

Exploiting the Konkouré watershed (Guinea) potential needs also minimizing impacts. This study proposes a multicriteria and multistakeholder decision aid process and tool that would privilege stakeholder involvement and consensus.

SEA in aboriginal adaptive co-management in Canada

Jean-Philippe Waaub, Anne-Laure Bouvier, Véronique Landry

Fostering meaningful Aboriginal participation in federal and provincial environmental assessment procedures needs to implement new planning and participative decision making processes. A system is proposed and discussed.

Concurrent sessions

Transportation

Impact assessment in the transport sector

Wednesday, 1 June | 16:30-18:00 | Alto B

Wednesday, 1 June, 16:30-18:00

Convener(s): Julieta Pisanty-Levy

Format: Paper session

The session focuses on different transport projects that address the evaluation of environmental performance of highway rehabilitation works, the use of compensatory measures in road projects, and a program to manage a high speed rail project and the restriction of development of new housing projects due to impacts of aircraft noise.

Evaluating the environmental performance of highways

Luis E. Sánchez, Roberta M. Costa

A procedure to evaluate environmental performance of ongoing highway works was developed and tested using data collected from environmental supervision reports for 26 projects in Brazil.

By Spain roads: Compensatory measures

Rosa Arce Ruiz, Nerea Aizpurua Giraldez

The article will present an analysis of significant examples of compensatory measures that have been used in Spain in the road projects.

IA and responsible national high speed rail project

Josh Lam, Glenn Frommer, Henry Leung, Angela Tong

This paper presents the comprehensive EIA follow-up program developed to manage the implementation and environmental performance of a challenging express rail project in China, deploying good practices and state-of-the-art methodologies.

Impacts of aircraft noise on city growth

Gilbert Koskela

Increasing air traffic restricts the possibilities of the cities to plan new residential areas. At Helsinki Airport proposed new aircraft noise zones would restrict development of new residential areas.

Water and Coastal Zone Management

Safeguarding healthy rivers and environmental flows through impact assessment

Thursday, 2 June | 11:00-12:30 | Auditorium

Convener(s): Rebecca Tharme, María Antonieta Gómez Balandra

Format: Paper session

A body of innovative approaches is evolving to safeguard river health while simultaneously meeting growing needs for water and energy worldwide—from tools for eco-regional conservation planning to frameworks for environmental flow assessment at site and regional-scales. Opportunities abound for their more effective integration with impact assessment policies and practices.

Integrating river conservation tools across scales

Rebecca Tharme, Jeff Opperman

This presentation will briefly review key features of a healthy river, such as flow regime and connectivity, and then summarize tools to assess and design protection strategies for these features.

Institutional Arrangements for W-CEA in Canada

Jania Chilima, Jill Gunn, Bram Noble, Robert Patrick

This program of research attempts to scope institutional arrangements in order to evaluate the support for watershed-scale cumulative effects assessment in the Grand River Watershed, Ontario, Canada.

Proposal of environmental flows national standard

J. Eugenio Barrios-Ordóñez, Rafael Sánchez-Navarro, Sergio A. Salinas-Rodríguez, J. Alfredo Rodríguez-Pineda, Ignacio González-Mora, Ignacio Gómez-Almaraz, Hilda E. Escobedo-Quinones

Determining environmental flows through a national standard, contributes substantially not only in a sustainable Mexican water policy, but also conducting a decision support system in EIA or SEA.

Application of IHA-RVA to hydro projects

María Antonieta Gómez Balandra, José García-García, Antonio García-García, Rosadina Llerandi Juárez, Pilar Saldaña Fabela

Environmental flows are important issues for any water management project, program, plan or policy, hence its relevance to be considered as part of SEA and EIA.

SEA and sustainable water and coastal management I

Wednesday, 1 June | 14:30-16:00 | Oriental II

Convener(s): Ross Marshall

Format: Paper session

Water is the ultimate resource, its abundance or deficit directly influences development. As man's water needs become increasingly critical, SEA has a role in setting out the consequences for unsustainable activities, poorly sited infrastructure, depletion or economic mismanagement. This session looks at current practice and lessons learnt across a spectrum of water management issues.

Water and SEA in Antofagasta Region

José Adolfo Moreno Correa, Cristián Gutiérrez Villalobos

SEA implementation and water management, sustainable lessons in the region with the driest desert of the world and major indexes of investment of the country.

Reassessing the river development project

Jong-Gwan Jung, Sang-Wook Han

The reassessment of a mega project which is undertaken in the context of regional sustainability based on the triple bottom line.

EIA and water management in Portugal

Pedro Bettencourt, Cláudia Fulgêncio, Sónia Alcobia

This paper summarizes NEMUS's work in three river Basin Management Plans in Southern Portugal's regions and discusses main conclusions, goals and its guidelines for a sustainable water and coastal management.

SEA and sustainable water and coastal management II

Wednesday, 1 June | 16:30-18:00 | Oriental II

Convener(s): Ross Marshall

Format: Paper session

Cancun Beach Nourishment environmental effects

Carlos Sánchez, Gustavo Arvizu, Diana Moran, Juan Carlos Espinal

The Beach Nourishment Project in Cancun and the environmental measures to avoid any impact to the marine biota (in the fill area and also in the offshore borrow sand areas).

The promotion of green infrastructure outcomes

Ross Marshall, Elsa Joao

Green infrastructure is sustainable infrastructure delivering high quality networks of green spaces and environmental benefits in urban environments. This paper examines the concepts' application through UK water management EIA projects.

Energy, climate change and water resources in Niger

Prince Mmorn, Israel Owate

Climate change could affect water availability as such energy supply and ecosystems function.

General Topics

General topics I

Friday, 3 June | 09:00-10:30 | Violeta I

Convener(s): *Javier Clausen*

Format: *Paper session*

This session focuses on a wide range of themes relating to soil pollution, environmental indicators, used oil recycling, forest degradation analysis, and ecosystem services.

Soil pollution issue in urban development project

Liu Wei, Du Shutian, Wang Xin

According to the characteristics of soil pollution analysis in EIA about standard urban development project, I conclude the way and thought of soil pollution analysis in EIA.

Design of indicators of pressure-state-response in

Hilario Martinez, Rodolfo Garza, Julio Rolón, Carmen Nava, José Menindez

The use of indicators Pressure-State-Response, using the background descriptions of the ecosystem reported in diverse environmental impact assessments prepared for projects could be implemented a monitoring system of human well-being.

Environmental Permitting of used oil recycling

Benny Susi

The used oil refinery provides an eco-friendly solution of re-using a non-renewable resource over and over rather than burning the oil as cheap fuel or improper disposal.

Forest Degradation and Restoration of North Korea

Chong-Hwa Park, Jong-Joon Park, Jaeshim Yoo, Sung-Ho Lee

An evaluation of forest degradation and restoration priority of North Korea by using CDM.

Integrating Ecosystem Services into EIA

Julia Tims

This presentation will discuss the practical aspects of integrating ecosystem services assessment into ESIA. Two case studies of integrating ecosystem services assessment into ESIA, revealing the approach, lessons learned, recommendations.

General topics II

Friday, 3 June | 09:00-10:30 | Violeta II

Convener(s): *Eduardo Vadillo*

Format: *Paper session*

This session focuses on several aspects of the EIA process and the impact of economic policies.

EIA scoping in Sao Paulo state, Brazil

Marcelo Montaña, Flavia Risse

This paper describes the stage of scoping in EIA processes in the State of Sao Paulo (Brazil) in order to verify the accomplishment of its role within an EIA process.

The role of consultants in EIA process in Mexico

Eduardo Vadillo

This paper attempts to show, from a particular point of view, what were the results of the environmental impact process in improving the quality of life, conservation resources and sustainable development.

Global environmental problems and Local consumption

Jaime Martinez-García, Maria Soledad Martinez-Lopez

This paper analyses the relationship between international trade and economic policies and local production and consumption, and how this affects population welfare.

Information for effective EIA follow-up

Sueli Harumi Kakinami, Evandro Mateus Moretto

This paper analyzes and discusses the gaps that exist in the follow-up stage of hydropower projects in Brazil for the adequate management and effective use of the information produced.

General topics III

Friday, 3 June | 09:00-10:30 | Alto B

Convener(s): *Grethel Villicaña*

Format: *Paper session*

This session focuses on a wide range of themes relating to EIA systems, project monitoring programs, oil industry impacts, and eco-corridors.

Comparing the EIA systems of Costa Rica & Nicaragua

Anne Glucker

This comparative case study analyses both the development and current situation of the EIA system in Costa Rica and Nicaragua. Here, the focus will be on the integration of themes (environmental, social, economic) into the evaluation process and the integration of stakeholders into the EIA decision-making process.

Pre-salt oil and its contribution to Sustainable development in Brazil

Cristiano Vilardo, Alexandre Campos

Pre-Salt Oil and Gas discoveries and their contribution to sustainable development in Brazil: a preliminary evaluation of the government regulatory framework.

Assessment Items Analysis for Eco-Corridors

Heonseok Yoo

This study analyzed the importance of assessment items and the criteria to determine which areas require eco-corridors the most, using the Analytic Hierarchy Process.

Perspectives on Project Monitoring

Diane Brown, Debra Zanewich

A short overview will be given regarding project environmental and social monitoring from a development finance / insurance provider perspective. Examples of factors contributing to superior performance will be explored.

Oil for Development



Other Topics

Impact assessment and partnerships for local development

Thursday, 2 June | 11:00 - 12:30 | Oriental I

Convener(s): Ilse Aucamp, Jos Arts, Charlotta Faith-Ell, Ana Maria Esteves

Format: Paper session

Managing the environment for sustainable outcomes requires more than just environmental role-players. Partnerships between different players are needed to ensure responsible project-delivery. The session aims to raise awareness amongst both decision-makers and practitioners of the need to build their capacity to manage complexities of partnerships providing relevant and practical guidance.

Cradle to cradle: Namibia's "Uranium Rush" SEA

Peter Tarr, Bryony Walmsley

This SEA helped decision-makers understand short, medium and long-term effects of uranium mining. It considered trade-offs between different objectives and dimensions; between stakeholders and between generations. The process built consensus.

Best practices in public-private partnerships

Jeanne Ellis

When designing a public private partnership for development impact, it is important to leverage each partner's core competencies, devise clear metrics for contributions and agree on the definition of "success."

Efficiency of applied impact assessment

Giuseppe Pasquetti Hernández, Marco Antonio Muñoz Huerta, Reyna Lilia García Loreda

SIGA is the name of a mechanism to ensure effectiveness and efficiency of impact assessment measures applied on field to development projects.

Big government or localism: A new ethos for United Kingdom IA

Ross Marshall

The UK Government localism agenda has significant implications for EIA/SEA practice, especially where IA scoping/consultation forms the key communication pathway between local authorities/stakeholders and the promoting public sector body.

The influence of governance on IA effectiveness I

Wednesday, 1 June | 14:30-16:00 | Violeta II

Convener(s): Angeles Mendoza Sammet, William Ross

Format: Panel

The purpose of this session is to promote a dialogue on how the differences in the quality of national governance influence the effectiveness of impact assessment as a tool for sustainable development. One of the points to discuss is the similarities and differences between developed and developing countries.

Is EA promoting effective environmental governance?

Nigel Rossouw, Richard Hill, Francois Retief

EA needs to define environmental governance processes for mega projects. However, this paper will illustrate that EA practice in South Africa is not promoting effective environmental governance.

Governance and IA effectiveness: Canada and Mexico

Angeles Mendoza Sammet

This paper analyzes the main factors influencing the effectiveness of impact assessment as a tool for sustainable development in Mexico and Canada, and the implications for conservation in North America.

Twenty-five years of Netherlands' EIA: Discourses on governance

Jos Arts, Hens Runhaar, Frank van Laerhoven, Peter Driessen

Analysis of 25 years of EIA in the Netherlands on basis of a broad survey, with a focus on the discourses of EIA as a governance tool for environmental policy.

The influence of governance on IA effectiveness II

Wednesday, 1 June | 16:30-18:00 | Violeta II

Convener(s): Angeles Mendoza Sammet, William Ross

Format: Panel

The purpose of this session is to promote a dialogue on how the differences in the quality of national governance influence the effectiveness of impact assessment as a tool for sustainable development. One of the points to discuss is the similarities and differences between developed and developing countries.

SEA as a framework to address small projects?

Jill Gunn

This research investigates how SEA is being used to collectively address small project developments and their cumulative impacts. Implications for "tiering" and opportunities to advance regional-scale SEA are discussed.

Contextualizing policy SEA in developing countries

Anders Ekborn

The Need for Contextualization: Lessons Learned from country cases and the World Bank Pilot Program on Institutions-Centered SEA in Policy and Sector Reform.

Governance and EIA implementation in Nigeria

Abisoye Odejide, Karen S. Buchanan

This paper contends that the efficiency and effectiveness of EIA as a tool for sustainable development is restricted by the quality of governance in developing countries such as Nigeria.

Entailment of the EIA with the public cost

Eduardo Rubio, Manuel Murad

Environmental supervision and audit of infrastructure works.

Spanish-speaking IA Network meeting

Reunión RHEA-Red

Hispanohablante de EA

Wednesday, 1 June | 14:30-16:00 | Auditorium

Convener(s): Iñigo Sobrini, Manuel Diaz

Format: Workshop

Continuing the work of Perth 2008 and Cordoba 2009, we want to boost the development of RHEA to put Spanish-speaking IA practitioners in touch with each other within IAIA. Sharing professional experiences will foster better IA practice in a global context, create better public opinion, and result in leaders and decision makers. Each other experiences will impulse best IA practice in a global context, and a better public opinion and dirigents acceptance.

Se pretende impulsar la Rhea, para aglutinar a los profesionales de la EA de los países de habla hispana, en el marco de la IAIA.

Special to IAIA

Submitting papers to IAPA: An interactive workshop

Tuesday, 31 May | 14:30-16:00 | Alto A

Convener(s): William Ross

Format: Panel/Workshop

A panel of editors of IAIA's own journal, *Impact Assessment and Project Appraisal*, will give advice to IAIA members and potential contributors of papers about the process of writing and submitting articles, including the process of dealing with reviewer comments, and even being a reviewer. It is all about what IAIA members need to know and provides the opportunity to meet the editors and ask questions about the mysteries of the publication process.

Panelists

Angus Morrison-Saunders, Co-Editor, Impact Assessment and Project Appraisal

Francois Retief, Co-Editor, Impact Assessment and Project Appraisal

Frank Vanclay, Professor, University of Groningen

"IConnect— Do You?"

Tuesday, 31 May | 16:30-18:00 | Alto A

Friday, 3 June | 09:00-10:30 Esperanza

Convener(s): Bridget John

Format: Workshop/Q&A

If you have not yet explored IAIA's new professional networking site, *IAIAConnect*, join us to learn more and how it can benefit you. Bring your questions, and we will walk through online discussions, sharing resources, and finding other members with similar interests. We can even take your photo and upload it to your profile for you!

IAIA Affiliates forum

Thursday, 2 June | 16:30-18:00 | Esperanza

Convener(s): Iñigo Sobrini

Format: Workshop

Representatives from the Affiliates listed below will each give a short presentation on the theme "How to Best Integrate the Affiliate's Life with IAIA Itself," followed by questions and discussion. The presentations will specifically address:

- What motivates affiliate members to become IAIA international members?
- Are there other things IAIA could do/offer that would attract more affiliate members?
- What obstacles keep affiliate members from joining IAIA?
- How do you persuade someone interested in local/regional issues that there is value in IAIA and the international perspective?

Participating Affiliates

- Ireland & UK Branch
- IAIA-Italia
- Association québécoise pour l'évaluation d'impacts (AQEI)
- South Africa (IAIAsa)
- Western and Northern Canada (IAIA-WNC)
- Mozambique
- Korea
- Zambia
- Nigeria
- Germany
- IAIA-Spain
- New Zealand Association for Impact Assessment (NZAlA)

Posters are also being displayed by these groups. Stop by during the poster session to visit with representatives of the Affiliates and learn more about their organizations and activities.

Find that perfect fit.

Your online employment resource for jobs and candidates in the field of impact assessment.

IAIA Career Central

Where do you go to find the best jobs and most qualified candidates in Impact Assessment? The International Association for Impact Assessment (IAIA) has created **IAIA Career Central** to be your resource for making online employment connections in the field.

Job Seeker Benefits

- Services are FREE!
- Online job search and application.
- Confidential resume posting.
- Save jobs and apply when ready.
- Email notification whenever posted jobs match your search criteria.

Employer Benefits

- Targeted talent pool – reach a focused audience of qualified professionals.
- Easy online job posting and management.
- Resume search included with job posting.
- Email notification whenever job seekers match your requirements.

Post your job or resume at <http://jobboard.iaia.org>.



1930 23RD STREET SOUTH | SUITE C | FARGO, ND 58103-3785 USA
PHONE +1 701.297.7008 | FAX +1 701.297.7017



Globally Renowned Environmental and Social Impact Assessments

Golder Associates is a respected, employee-owned, global company providing consulting, design, and construction services in earth, environment, and energy. Our purpose, "Engineering Earth's Development, Preserving Earth's Integrity", demonstrates our commitment to service and technical excellence and sustainability.

www.golder.com

