

## **FINAL PROGRAM**

THE ENVIRONMENTAL PROFESSIONAL'S FORUM BRINGING TOGETHER ENVIRONMENTAL DECISION-MAKERS, INDUSTRY AND COMMUNITY LEADERS, AND PROFESSIONAL PRACTITIONERS.

# BUILDING CAPACITY FOR IMPACT ASSESSMENT

17-20 JUNE 2003 PALMERAIE GOLF PALACE & RESORT MARRAKECH, MOROCCO



23rd Annual Meeting of the INTERNATIONAL ASSOCIATION FOR IMPACT ASSESSMENT

In collaboration with the



FRANCOPHONE SECRETARIAT of the International Association for Impact Assessment

HOST MINISTRY OF LAND USE PLANNING, WATER AND ENVIRONMENT KINGDOM OF MOROCCO

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### **Thank You**

Organizational Local Team Mouna BENMBAREK, Department of Environment, Morocco Hanane DAMGHI, Department of Environment, Morocco Zakaria ABDENNACER Samir NASSIM, Department of Environment, Morocco

#### Support Team

Abdelmourhit LAHBABI Omar AMRAOUI, Confédération Générale des Entreprises du Maroc (CGEM) Driss FAOUZI

#### **Technical Visit Partners**

Mr BENALLOU, Centre de Développement des Energies Renouvelables Mr IAKIALECH and Mr CHAKIB, Département de l'Agriculture Mr ADNANE and Mr YAHI, Office National de l'Eau Potable

Mr BENHIBA, Mr MANDOURI and Mr BOUAÏCHI, Département des Eaux et Forêts Mr MASMOUDI, Observatoire Régional de l'Environnement de Marrakech

#### **Special Thanks**

Catherine GAUDETTE, Francophone Secretariat Nadiya ZIANI, Palmeraie Golf Palace and Resort El Habib LAAMARI, Habti Voyage Sue THIBEDEAU, Scott BROWN and staff, Richtman's Press Club

### IAIA'03 Program Committee

#### **Honorary President**

L'hôte de l'événement sera: Monsieur le Ministre Mohamed EL YAZGHI, Ministre de l'Aménagement du Territoire, de l'Eau et de l'Environnement. Royaume du Maroc

#### **Honorary Members**

Monsieur HASSAD, l'honorable Wali de la région de Tensift El Haouz (Marrakech) Monsieur M'hamed EL MORABIT, le Secrétaire d'État chargé de l'Environnement Monsieur Khalil ATTIA, Directeur Général de l'Agence Nationale de la protection de

- l'Environnement du Ministère de l'Environnement et de l'Aménagement du territoire de la Tunisie
- Monsieur Moulay Abdelaziz ESSAADI, Président du Conseil de la Région Marrakech Tensift Al Haouz

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- Jean-Roger MERCIER, Lead Environmental Assessment Specialist, Quality Assurance and Compliance Unit (ESDQC), World Bank, Washington DC

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- Magdi IBRAHIM, Coordinateur ENDA Maghreb
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- Virginia ALZINA, Ph.D. Environment Specialist, Inter-American Development Bank, Washington, DC, Spain When her Development and the second s
- Kluephan BAITRAKUL, Director, Environmental Impact Evaluation Division, Office of Environmental Policy and Planning, MOSTE, Government of Thailand
- Marcel Ayité BAGLO, Ph.D. Directeur Général, Agence Béninoise pour l'Environnement, Gouvernement de la République du Bénin
- Jiri DUSIK, Project Manager Environmental Assessments, Environmental Policy Programme, Regional Environmental Center for Central and Eastern Europe, Hungary
- Carl M. GALLEGOS, Ph.D. Acting Director Agriculture, Natural Resources & Rural Enterprise Div., Africa Bureau Environmental Coordinator, U.S. Agency for International Development, Washington DC
- **Robert JDLY**, Chef de Service des projets industriels et en milieu nordique, Direction des Évaluations environnementales, Ministère de l'Environnement, Gouvernement du Québec, Canada
- Jean-Pierre REVERET, Professeur, Université du Québec, Canada
- Iara VEROCAI, Environmental Impact Assessment and Management Consultant, Feema & PPA, Brazil
- Abdelmourhit LAHBABI, Ph.D. Directeur Géneral ADS Maroc

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- Julio JESUS, Ecossistema, Portugal
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- John RAIMONDO, African Environmental Solutions, South Africa
- William ROSS, Faculty of Environmental Design, University of Calgary, Canada
- Jose-Luis SALAZAR-MANEZ, Legislation, International Programs and Concentions, European Environment Agency, Denmark

Peter TARR, Southern Africa Institute for Environmental Assessment, Namibia

Joanna TREWEEK, Private consultant, UK

Frank VANCLAY, University of Tasmania, Australia William VEERKAMP, Shell Global Solutions International B.V., The Netherlands

# WELCOME/THEME&OBJECTIVES

## **GREETINGS...** AND INVITATION TO PARTICIPATE

It is my pleasure to welcome you all to the 23rd annual Conference of the International Association for Impact Assessment taking place June 10-20, 2003, in Marrakech, a city that has been hosting some of the greatest international events, such as the GATT Treaty, COP7, etc.

I would like to bring to your attention that the necessary arrangements have been made to assure the complete success of the conference, in coordination with the national and international committees, and that final preparations are underway to ensure ideal conditions for the conference and stay of IAIA members.

Please allow me to extend my most distinguished salutations to you.

I wish you all the best and much success with the Conference.

**Mr. Mohamed ELYAZGHI** Minister of Land Use Planning, Water and the Environment

The role of impact assessment in capacity building is at the very heart of IAIA'03. Marrakech provides opportunities to share experiences and learn from each other how we can best contribute to extending impact assessment around the world as a core process and key tool for sustainable development, to carry forward the discussions of IAIA'02 and Rio+ 10, and to pursue IAIA's outreach, which is our core mission.

We expect IAIA to become ever more action-oriented in order to influence developments and best practice in the field of impact assessment. Attending and being part of IAIA'03 is the best show of support you can provide to IAIA, and the best professional gift you can give yourself and your colleagues.

> Peter Leonard IAIA President

Efficient impact assessments are a guarantee to sustainable and harmonious development and to well integrate projects into their environment, and they are insurance for the well-being of citizens. IAIA's French Secretariat is committed to the training of environmental assessment experts and capacity building within emerging countries with newly adopted environmental legislation.

Marrakech's congress is a unique opportunity to share good practices and expertise. We are looking forward to meeting you.

#### Robert Joly

President, Francophone Secretariat

The theme of IAIA'03 is **Building Capacity for Impact Assessment**, with a special emphasis on the needs of developing countries. This year's gathering of public sector, private sector and civil society practitioners from five continents will share, enhance and promote the *tools of the trade* necessary for developing countries to enhance their impact assessment practice.

In their ongoing development efforts, low-income countries seek optimal paths to stimulate growth while reducing poverty. IA represented both a way and a means of setting priorities, improving development and increasing both sustainability and quality of investments. Capacity building for impact assessment is enabling individuals, institutions and societies to better anticipate, plan and manage the consequences related to development choices. How does IA best facilitate sustainable development in low-income countries? How can national and local requirements for IA be better aligned to political, socioeconomic, scientific and technological environment? How can IA promote environmental and social issues in development choices, while at the same time improving process predictability and increasing the local consensus the typical investor strives for?

Developing capacities is about refining the answers to these basic questions through living experiences and sharing of lessons learned through practice. What are the appropriate institutional arrangements? Who should be trained and equipped? What are the respective roles of international, national, provincial and local communities in developing capacities for IAs? What roles should various government agencies and the private sector play in the design, monitoring and reporting on the IA process' performance and review? How can local consulting and research capacities be developed and nurtured on par with international consultancy?

So many questions in search of a few coordinated answers. Building capacity is a global recipe for individuals, institutions and societies of developing countries, finding their own answers in a context where assessment is going through fundamental changes of its core practices. Fortunately, others have been there, and the 1990s were a booming decade for IA capacity building. Many lessons can be learned from a simple information gathering and exchange like IAIA'03. The added value of the technical and policy meetings will further accelerate the helping process for low-income countries. They will learn from others' experience and more importantly, develop their own specific capacities.

#### The objectives of IAIA'03 are clear:

- ◆ Continue the efforts and build on the achievements of the first two decades of IAIA action.
- ◆ Aim for a *cutting edge* practice, further, faster and in more IA fields.
- ◆ Take stock of what the impact assessment community as a whole should be doing to further enhance the capacity of developing countries to address and manage their own environmental, social and economic issues.
- ◆ Use IAIA's convening powers to help the various actors of IA capacity building identify and focus on what works and what should be avoided for more effective enhancement of existing capacity and creation of capacity in many countries where there is a clear need.
- Provide our Moroccan hosts with a unique opportunity to benefit from others' experience at the very time when the country starts the implementation phase of its Environmental Impact Assessment regulations.

We welcome your active support in this great endeavor. IAIA'03 is an opportunity to share your experience in IA and to learn from others and contribute to shaping the way forward in building capacity for impact assessment.

# **DAILY SCHEDULE**

## **TECHNICAL VISITS**

#### Monday 16 June

Pre-registration and pre-payment required. Plan to meet in the registration lobby a minimum of 15 minutes prior to departure.

A. Marrakech Water Treatment Plant Depart 9:00 a.m. Return 5:00 p.m.

#### **B. Jbilette Arboretum** Depart 8:30 a.m. Return 5:00 p.m.

C. Frass-Tifrouine Dryland Development Project Depart 9:00 a.m.

Return 5:00 p.m.
D. Renewable Energy and Environmental

Protection: The Essaouira Windmills Depart 8:00 a.m. Return 7:30 p.m.

E. Rural Electrification: Decentralized Photo-Voltaic Solar Energy Project Depart 8:00 a.m. Return 5:00 p.m.

### new technical visit! Phosphate Site in Benguieir

Register until 18 June. See page 24 for details.

## TUESDAY JUNE 10-SATURDAY JUNE 14

All day	Francophone Secretariat Summer School
SATURDAY JUNE 14	
8:00 a.m 10:00 a.m.	<b>Registration</b> (training course, WB workshop only) (Lobby)
8:30 a.m 5:00 p.m.	World Bank Workshop. Tools for Sustainable Development Assessment: Where We Are, Where We Could Go Together See description on page 8. (Diamant)
9:00 a.m 5:00 p.m.	Training Course. SEA: Current Practices, Future Demands and Capacity Building Needs (Amethyste)
Sunday June 15	
8:00 a.m 10:00 a.m. 9:00 a.m 5:00 p.m.	Registration (today's events only) (Lobby) Training Course. SEA: Current Practices, Future Demands and Capacity Building Needs (Amethyste)
8:00 a.m 12:00 p.m.	Topic posting and registering for Practitioners' Forum (Opale)
1:30 p.m 5:00 p.m.	<b>Practitioners' Forum Plenary.</b> See description on page 9. (Opale)
9:00 a.m 5:00 p.m.	Workshop on Capacity Building in Africa. See description on page 8. (Diamant)
4:00 p.m 6:00 p.m.	Registration (Lobby)
Monday June 16	
7:20 a.m 5:00 p.m.	Registration (Lobby)

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7:20 a.m.	- <b>5:00 p.m.</b>	Registration (Lobby)
All day		Technical visits
11:00 a.m.	- 12:00 p.m.	This Is IAIA: Orientation (Rubis)
1:00 p.m.	- <b>5:00 p.m.</b>	Setup of posters and booths
8:00 р.т.		Opening Reception. Hosted by the Ministry
_		of Land Use Planning, Water and
		Environment. (by the pool)

## **TUESDAY JUNE 17**

8:00 a.m.	- <b>3:30 p.m</b> .	Registration (Lobby)
7:30 a.m.	- 8:30 a.m.	Topic posting and registering for Practitioners' Forum (Lobby)
7:30 a.m	- <b>9:00 a.m.</b>	IAPA Editorial Board (Al Borj 1)
9:00 a.m.	- <b>10:45 a.m.</b>	<b>Opening Plenary</b> (Cristal)
		<i>Welcome and Introduction to IAIA'03:</i> Peter Leonard, President IAIA
		<i>Opening Address:</i> His Excellency, Minister of the Environment, Morocco
10:45 a.m.	- <b>11:00 a.m.</b>	Coffee break. Sponsored by Nestle Maroc.
11:00 a.m.	<b>12:30 p.m.</b>	<b>Plenary</b> (Cristal)
		Boulejiouch Jaafar and Jean-Roger Mercier
		Impact Assessment and Capacity Building
		Main gaps and needs in low-income countries
		Examples of successful IA capacity building programs in low-income countries.
12:30 р.т	1:30 p.m.	Lunch (on your own)

# **DAILY SCHEDULE**

1:30 р.т.	- <b>2:45 p.m.</b>	<b>Concurrent Sessions and Workshops</b>	Late morning	Co-chairs: Moroccan Official and J.P Waaub
		<b>1.1 SEA Implementation</b> (Diamant)		(IAIA Francophone Secretariat)
		2.1 Biodiversity & Ecology (Opale)		10:15-10:45 Keynote Address. Dr. Alvaro Umana, Principal Adviser and Leader
		3.1 Small-Scale Activities (Amethyste)		Environmentally Sustainable Development
		<b>4.1 SIA</b> (Rubis)		Group (BDP), United Nations Development
		<b>5.1 HIA</b> (Jade)		Programme (UNDP). "Capacity
		6.1a Low-Income Methods & Process (Source)		Development and Environment: The Experience of UNDP's Capacity 21 and the
		6.1b Low-Income Projects (Emeraude)		New Capacity 2015 Approach."
		7.1 Disaster & Conflict (Al Borj 5)		10:45-11:15 Keynote Address. Mr. Jonathan
		8.1 Urban & Infrastructure (Al Borj 1)		Hobbs, United Kingdom, Department for International Development and Chairman,
		9.1 IA & Management Tools (Al Borj 2)		The OECD/DAC Network on Environment
		<b>10.1 Vetting EIA Consultants</b> (Al Borj 3)		and Development Cooperation's Task Team
		13.1 Public Participation (Al Borj 4)		on SEA/SIA. "Applying SEA to Development
-	- <b>3:00 p.m</b> .	Coffee break		Cooperation: An Evolving Agenda."
3:00 р.т.	- <b>4:15 p.m.</b>	Concurrent Sessions and Workshops		11:15-11:45. Keynote Address. Mr. Jiri
		<b>1.2 SEA Research</b> (Diamant)		Dusik, Regional Environmental Center (REC). "Lessons Learned with Rapid
		2.2a Biodiversity & Ecology (Opale)		Development of SEA in EU Accession
		2.2b Biodiversity & Ecology (Cristal)		Countries."
		<b>3.2 Small-Scale Activities</b> (Amethyste)		11:45 - 12:30. Plenary.
		<b>4.2 SIA</b> (Rubis)	12:30 p.m 1:30 p.m.	Lunch (on your own)
		5.2 HIA(Jade)	1:30 p.m 3:00 p.m.	<b>Concurrent Sessions and Workshops</b>
		6.2a Low-Income Methods & Process (Source)		1.3 SEA CB/Comparative Views (Diamant)
		6.2b Low-Income Projects (Emeraude)		2.3 Biodiversity & Ecology (Opale)
		7.2 Disaster & Conflict (Al Borj 5)		3.3 Small-Scale Activities (Amethyste)
		<b>8.2 Urban &amp; Infrastructure</b> (Al Borj 1)		<b>4.3 SIA</b> (Rubis)
		9.2 IA & Management Tools (Al Borj 2)		5.3a HIA(Jade)
		<b>10.2 WB Inspection Panel</b> (Al Borj 3)		5.3b HIA Workshop (Source)
4.20	6.00	13.2 Public Participation (Al Borj 4)		6.3a Low-Income Methods & Process (Emeraude)
-	- 6:00 p.m.	Practitioners' Forum (Opale)		6.3b Low-Income Projects (Al Borj 6)
6:00 p.m.	- <b>7:00 p.m</b> .	Poster Session and Reception. Hosted by the Asian Development Bank.		8.3 Urban & Infrastructure (Al Borj 3)
		the Asian Development banks		10.3 Journal Editors Panel (Al Borj 1)
	nav Kunn 1	0		<b>11.1 International Case Studies</b> (Al Borj 2)
	DAY JUNE 1			13.3 Public Participation (Al Borj 4)
	- 3:30 p.m.	Registration (Lobby)	<b>3:00 p.m.</b> - <b>3:15 p.m</b> .	Coffee break
7:30 a.m.	- <b>8:30 a.m.</b>	Topic posting and registering for	3:15 p.m 4:45 p.m.	IAIA Annual General Meeting (Cristal)

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7:30 a.m.	- 8:30 a.m.	Topic posting and registering for Practitioners' Forum (Lobby)	3:15 p.m.	- 4:45 p.m. - 6:00 p.m.
8:45 a.m.	-10:00 a.m.	Plenary: Strategic Environmental Assessment and Capacity Building: Moving Upward and Upstream (Cristal)	-	- 6:30 p.m.
		8:45-9:00 Robert Joly, President of IAIA Francophone Secretariat. Welcome and Introduction to Day 2.		
		9:00-9:15 Introduction by co-chairs		
		<b>9:15-10:00 Keynote Address.</b> Joanne Gélinas, Auditor General of Canada and Commissioner of the Environment and Sustainable Development "Governance and Accountability in Environmental Assessment," followed by questions and answers.		

10:00 - 10:15 Coffee break

(Diamant) Affiliates (Amethyste)

Practitioners' Forum (Opale) IAIA Committee Meetings

**Training & Professional Development** 

Board Nominations (Rubis)

Publications (Jade)

Awards (Source) Public Affairs (Emeraude)

Sections Coordinating (Al Borj 6)

# **DAILY SCHEDULE**

### **THURSDAY JUNE 19**

I HUKSDAI JUNE 13		3:00 р.т 4:15 р.т.	Concurrent Sessions and Workshops
8:00 a.m 1:00 p.m.	Registration (Lobby)		1.5 SEA (Diamant)
7:30 a.m 8:30 p.m.	Posting and registering for		2.5 Biodiversity & Ecology (Jade)
	Practitioners' Forum (Lobby)		<b>3.5 Small-Scale Activities</b> (Rubis)
9:00 a.m 10:45 a.m.	Plenary. What Developers Want and		4.5 SIA (Emeraude) 5.5 HIA (Shalimar)
	What About Good Governance? See description on page 7. (Cristal)		<ul><li>5.5 HIA (Shalimar)</li><li>6.5a Low-Income Methods &amp; Process (Al</li></ul>
	Session chair: Lahoucine Tijani, Deputy		Borj 1)
	Chair, Fondation Mohammed V		6.5b Low-Income Projects (Al Borj 2)
	Moderator/Environment Expert: Omar		8.5 Urban & Infrastructure (Al Borj 3)
	Amaroui, Confédération Générale des		9.3 IA & Management Tools (Opale)
	Entreprises du Maroc (CGEM)		10.4 OECD/DAC Roundtable on SEA/SIA*
	Large Industry Private Sector. APC		(Bridge) * to 6:00 p.m.
	(Association Professionelle des Cimentiers).		<b>12.2 Research</b> (Al Borj 5)
	Large Industry Public Sector. Mourad		13.5 Public Participation (Amethyste) 14.2 International Law (Source)
	Cherif, Managing Director, Groupe		15.2 IA Follow-Up (Al Borj 4)
	Office Chérifien des Phosphates.		<b>16.1 IA of Trade</b> (Al Borj 6)
	Investment Sector. Caisse de Dépôt et de	4:30 p.m 6:30 p.m.	IAIA Section meetings
	Gestion.	···· <b>·</b> ··· <b>·</b> ··· <b>·</b> ··· <b>·</b> ··· <b>·</b> ···· <b>·</b> ···· <b>·</b> ······	Biodiversity & Ecology (Jade)
	Government Regulator: Jaafar		Environmental Management Systems
	Boulejiouch, Département de l'Environnement MATEE		(Rubis)
	Government Regulator (outside of		Health Impact Assessment (Shalimar)
	Morocco): Robert Joly, Président SF IAIA,		Integrated Assessment of Trade-Related Policies (Al Borj 6)
	Ministère Env. du Québec		Indigenous Peoples (Al Borj 4)
10:45 a.m 11:00 a.m.	Coffee break		SEA (Diamant)
11:00 a.m 12:30 p.m.	Plenary. What Developers Want		<b>Urban</b> (Al Borj 2)
	Morocco's Path		Disaster Management & Recovery (Al Borj
	Session chair: Majid Boutableb, Président, Commission environnement CGEM		3)
	Moderator/Environment Expert: Omar		Environmental Legislation (Source)
	Amaroui, Confédération Générale des		Public Participation (Amethyste)
	Entreprises du Maroc (CGEM)	4.20 m m 6.20 m m	SIA (Emeraude)
	Local Environment Issues. Mohammed	4:30 p.m 6:30 p.m.	Closure and dismantling of posters, booths, and exhibits
	Saad Hassar, Managing Director, DGCL.	4:30 p.m 6:00 p.m.	Practitioners' Forum (Opale)
	Managing Water and Capacity Building. Alis Fassi Fihiri, Managing Director,	8:30 p.m.	Gala Dinner. Hosted by the Ministry of
	ONEP.	_	Land Use Planning, Water and
	Energy Development Policy. Ahmed		<b>Environment</b> (Soirée Chez Ali)
	Nakkouch, Director, Office national de		
	l'Electricité.	Friday June 20	
	Knowledge Development and Policy. Amel Benzarti, Director CITET, Tunisia	9:00 a.m 10:30 a.m	Awards Ceremony. Hussein Abaza, Chair,
	Consulting in Environmental Impact		IAIA 2003 Awards Committee (Cristal)
	Assessment in Morocco. Abdelmourhit	10:30 a.m 10:45 a.m.	
	Lahbabi, Ph.D., ADS Maroc. "Perception	10:45 a.m 12:30 p.m.	Closing Plenary (Cristal)
	de l'EIE par l'ingénieur conseil."		Charlie Wolf, Moderator
11:00 a.m 12:00 p.m.			10:50 Summary of Roundtable on Capacity Building. Jean-Roger Mercier, Boulejiouch
12:30 p.m 1:30 p.m.	Lunch (on your own)		Jaafar
1:30 p.m 2:45 p.m.	Concurrent Sessions and Workshops		11:00 Practitioners' Forum Pilot: Worth the
	<b>1.4a SEA</b> (Diamant)		<b>Time and Effort?</b> Martin Fodor, World Bank
	<b>1.4b SEA Sustainable Assessment</b> (Opale)		11:10 Conference Highlights. Raphael
	2.4 Biodiversity & Ecology (Jade)		Mwalyosi, Peter Leonard
	<b>3.4 Small-Scale Activities</b> (Rubis)		<ul> <li>The Marrakech Declaration on Capacity</li> </ul>
	<b>4.4 SIA</b> (Emeraude)		Building for Impact Assessment
	<b>5.4 HIA</b> (Shalimar)		<ul> <li>The Action Plan on Capacity Building for Impact Assessment</li> </ul>
	6.4a Low-Income Methods & Process (Al		<ul> <li>Discussion, Amendment and Ratification of</li> </ul>
	Borj 1)		the Marrakech Declaration and Action
	6.4b Low-Income Projects (Al Borj 2)		11:45 Presidential Address. Richard Morgan
	<b>8.4 Urban &amp; Infrastructure</b> (Al Borj 3)		<b>12:15 Invitation to IAIA'04.</b> Representatives
	<b>12.1 Research</b> (Al Borj 5)	2:00 p.m 5:00 p.m.	of the Three Canadian Affiliates IAIA Council Meeting (Amethyste)
	<b>13.4 Public Participation</b> (Amethyste)	2:30 p.m 5:00 p.m. 2:30 p.m 8:00 p.m.	<b>OCP Technical Visit.</b> (see page 24)
	<b>14.1 International Law</b> (Source)	r. r. oto pina	······································
9.45	<b>15.1 IA Follow-Up</b> (Al Borj 4)	SATURDAY JUNE 21	
2:45 p.m 3:00 p.m.	Coffee break	Various	Post-Conference Tours Begin

#### Plenary of 18 June Moving Upward and Upstream - Strategic Environmental Assessment and Capacity Building

Peace and sustainable development are essential for gradually getting rid of poverty worldwide and in the countries which host the 1.6 billion inhabitants living under the 1US\$/day income. Sustainable development uses a large variety of tools to ensure that policies, plans, program and projects (P4) maximize their net benefits to the most vulnerable populations and to the environment.

Strategic Environmental Assessment (SEA) has emerged internationally as a response to the limitations of traditional project level Environmental Assessment (EA) for mainstreaming environmental and social issues. SEA has the potential to introduce these concerns into the early stages of policy development, program design and project implementation and so to influence development towards a more sustainable path. It has been formally implemented in a number of OECD countries, is the subject of an EU directive, and has been adopted by a number of the World Bank's clients. However, the application of SEA is still evolving, especially in low- and middleincome countries, and this provides both opportunities and challenges to recognize and use it in the most effective way in a developing country context.

SEA is a main vehicle through which the main environmental sustainability goal of the Millennium Development Declaration will be implemented: integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources (see www.undp.org/mdg/).

Drivers for SEA are many: need to integrate environmental concerns in trade agreements (impact of environment on trade), legal and regulatory requirement for accession countries or in the context of transboundary impacts, political commitment to sustainable development (e.g., in small island states; resolution to solve a specific environmental problem, e.g., flooding) and overall need to prioritize means of achieving development goals and targets.

The impact assessment community has a role to play in the development of SEA, but the real development of SEA will come from the synergies with several other professional disciplines, notably economists and planners. The plenary will include presentations on the place of environmental assessment in the governance agenda, as well as the latest methodological developments on SEA, notable in the context of poverty reduction, at the global as well as at the regional level.

#### Plenary of 19 June Impact Assessment - What Developers Want Morocco's Path

**Purpose of the Plenary Session.** The plenary session will explore how environmental evaluations in Morocco have helped to improve decision making by reconciling environmental protection imperatives with economic and social issues through the implementation of processes that favor consensus-building, negotiation and proponent initiative. Moving beyond the Moroccan experience that will be presented during the plenary, IAIA members will be encouraged by the various examples and accounts to debate the future of impact assessments, with a view to better adaptation to investors' needs. Particularly in emerging countries, investors expect a high level of stability and transparency in regulations, as well as national and local administrative practices.

In this context, how can impact assessments evolve toward greater harmony, professionalism and transparency? How can the process become more efficient without losing substance and scientific rigor? How to work in partnership with decision-makers without abandoning the principles of scientific independence?

**Orientation.** The following themes are presented for your information, to help guide and inspire presentations by Moroccan representatives during the Morocco plenary session.

In the absence of a framework regulating environmental protection in general and impact assessments in particular, what efforts have been made with respect to:

- Evaluating emissions, discharges and their environmental impacts?
- Eliminating, reducing or offsetting damage to the environment related to your sector of activity?
- Upgrading and complying with international standards and practices?
- Integrating environmental evaluation and taking environmental costs into account from the design stage through to implementation and monitoring of your activities?

Have your environmental protection efforts been dictated by:

- Obligations particular to your group or sector (good practices guide or rules)?
- Particular sensitivity of the local community with respect to your activities (possible complaints or disputes)?
- ♦ A voluntary commitment or a traditional partnership framework?
- Requirements of one or more government departments?
- Requirements of an international partner or financial backer?

What measures have been taken – or will be taken – by your company, group or establishment to comply with the new regulatory framework for environmental protection and impact assessments?

What are your expectations with regard to the public sector and your recommendations for an efficient, realistic and achievable regulatory framework for environmental protection and impact assessments?

# **SPECIAL WORKSHOPS** & SESSIONS

#### World Bank Workshop Saturday, 14 June • 8:30 a.m. - 5:00 p.m. Tools for Sustainable Development Assessment: Where We Are, Where We Could Go Together

**Proposed Agenda.** This World Bank workshop will present the diversified tools for environmental and social impact assessment which are being developed in the context of World Bank assistance to low- and middle-income countries. Participants will receive an overview of the respective uses of these tools for effective development impact, a summary of each tool along with a case study approach illustrating its uses. A panel of external experts will provide feedback to the organizers and participants on lessons learned and suggestions for improving effective use of these tools.

The workshop will include a state-of-the-art presentation on Country Environmental Analysis (CEA), Strategic Environmental Assessment (SEA), and the Poverty and Social Impact Assessment (PSIA), as well as a refresher on the Bank's safeguard policies.

The workshop will be chaired by Christopher Ward (Lead Specialist) and has the following agenda:

8:30 am	<b>Opening and overview of the workshop</b> – the rationale and the "big picture" on the assessment toolkit – (Magda Lovei, Anis Dani & Jean-Roger Mercier)
<b>Country H</b> 9:00 am 9:30 am 9:50 am	Environmental Analysis Overall presentation (Magda Lovei) Case Study (Tunisia – Sherif Arif) Q&A on CEA
10:10 am	Coffee Break
Strategic	Environmental Assessment (SEA)
	<b>Overall presentation</b> (Jean-Roger Mercier) <b>Case Study</b> (Latin America – Ernesto Sanchez-Triana or Juan David Quintero) <b>Q&amp;A</b> on SEA
12:00 pm	Lunch
•	nd Social Impact Assessment (PSIA)
1:15 pm 1:45 pm	<b>Overall presentation</b> (Anis Dani) <b>Case Study</b> (Chad Cotton Sector Reform – Barbara Verardo) <b>Q&amp;A</b> on PSIA
•	•
2:25 pm	pecific Environmental and Social Assessments Safeguard Policies and Information Disclosure (Maninder S. Gill)
2:45 pm	The World Bank's Inspection Panel (Eduardo Abbott)
3:00 рт	Coffee Break
3:15 pm	<b>Case Study</b> on the application of the safeguard policies (India – Mumbai Transport Project – I.U.B. Reddy)
3:45 pm	Social Analysis (Anis Dani)
4:00 pm	<b>Q&amp;A</b> on the safeguard policies and social analysis
	zing the lessons learned
4:25 pm	<b>Panel of External Experts</b> – Feed-back on the presenta- tions and advice on the way forward – Ilham Basahi (NHL Engineering and Consulting), Parviz Piran (Department of Social Research, University of Teheran), Carl Gallegos (USAID Africa Bureau, Environment), Pierre Lanari (Inuit Tribes Expert)
4:50 pm	Wrap Up

## **ONE-DAY WORKSHOP ON EA CAPACITY BUILDING IN AFRICA** (15 June)

This workshop is being organised and run by a consortium of African EA institutions whose individual and collective objective is to improve the use of EA as a key tool in the promotion of sustainable development in Africa.

Well-known African and international EA/sustainable development experts will combine to provide a "big picture" analysis of EA in the region, highlighting the opportunities presented by the New Partnership for African Development (NEPAD), the emergence of new institutions and the growth of collaborating networks.

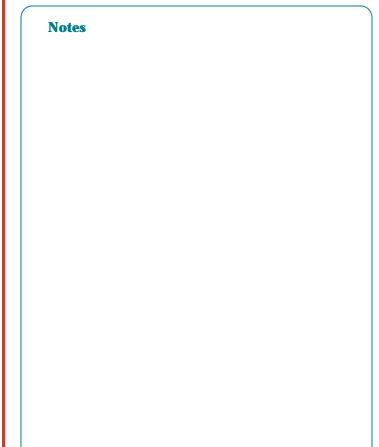
To complement the "big picture," individual initiatives will be presented in an attempt to generate interest amongst donors who might support a new, programmatic, locally-led approach towards building EA capacity in the region.

A morning of presentations will be followed by thematic roundtable discussions in an afternoon session that promises to be highly informative and interactive, including discussions on NEPAD.

Who should attend:

- EA practitioners
- · Policy-makers and high-level decision makers
- Donors and development agencies

Leader: Peter Tarr



# **SPECIAL WORKSHOPS** & SESSIONS

## **PRACTITIONERS' FORUM**

By popular demand, the "Indaba" approach of IAIA'95 is back in the form of a real-scale pilot Practitioners' Forum.

In the mornings, delegates who have a burning issue to discuss post their topics, names, and ideas on a flip chart. Delegates who just want to participate register for the respective topics. Based on this democratic consultation, the topics are addressed in the afternoon, in a very informal setting, with the typical 10-20 interested participants sitting around the topic organizer and discussing/exchanging/ sharing for typically an hour and a half. The PF is a great additional opportunity for networking among IAIA members, in a cozy, nonthreatening atmosphere.

Examples of topics that lend themselves quite well to the Indaba (meaning "open space" in Zulu) atmosphere range from "making difficult trade-offs in the field" to "experience with EIA Help Desks/ Advisory Services" and "experience with EIA implementation in [the country/region of your choice]." This year, we may also want to add IAIA "process" topics like the role of IAIA in building capacity. Final selection of the topics will be the privilege of those of you who will propose them.

The high energy expected from the Practitioners' Forum (PF) will undoubtedly be felt by IAIA'03 participants, and will be feeding into and from the specialized workshops and the plenaries. The invaluable field experience of the practitioners will be combined with the quieter, longer-term knowledge and methodological approach of researchers and professors in IAIA. This pilot PF is in response to the feedback collected in previous IAIA meetings where practitioners were suggesting more and more intense "horizontal" and "vertical" exchanges for their maximum benefit. At the Friday plenary, lessons from the PF will be presented and there will be a democratic discussion on the pros and cons of mainstreaming the Forum in future IAIA annual meetings.

### **World Bank Inspection Panel**

The Inspection Panel was created in September 1993 by the Board of Executive Directors of the World Bank to serve as an independent mechanism that would ensure accountability in Bank operations with respect to its policies and procedures. The Inspection Panel is intended to be an instrument whereby groups of two or more citizens who believe that they or their interests have been or could be harmed by Bank-financed activities can present their concerns through a Request for Inspection. The Panel thus provides a link between the Bank's highest governing body (the Board) and the people who are likely to be affected by the projects it finances. The Panel is empowered, subject to Board approval, to investigate problems that are alleged to have arisen as a result of the Bank having ignored its own operating policies and procedures. To carry out its investigations the Inspection Panel retains world-renowned specialists in areas such as environmental impact assessment, social sciences, engineering and economics. The Panel would like IAIA members to know about its existence and strengthen its links with environmental and other experts that may assist it in the future in carrying out its functions.

Leader: Maartje Van Putten

#### Panel Session with the Editors of Key IA Journals

Ever wonder how decisions get made on what is published in scholarly journals? Would you like to know how reviewers are selected? What do editors and reviewers look for in an acceptable and publishable paper? What can I do to get my paper ready for publication? Why are some papers returned without review? What are the benefits of scholarly publications for a practitioner-dominated organization such as IAIA? Why are library subscriptions to scholarly journals so expensive? The panel of editors and a publisher of scholarly journals will discuss these and other issues. Most of the research on impact assessment is published in the five journals represented below. Following five-minute individual presentations, both the panel and the audience will have time to raise questions and quiz the panel. All editors will be available throughout the conference to discuss how you can get your paper published.

**Moderator & Organizer:** Rabel J. Burdge, founding Co-editor, *Society* and Natural Resources **Panel Members:** Christopher Wood and Carys Jones, Co-editors, Impact Assessment and Project Appraisal; Eric Johnson, Editor, Environmental Impact Assessment Review; William R. Sheate, Editor, Journal of Environmental Assessment, Policy and Management; John F. Benson, Editor, Journal of Environmental Planning and Management; William Page, Publisher, Beech Tree Publishing

#### Vetting EIA Consultants in Africa in WB-Funded Projects

The World Bank is increasingly seeking to use local consultant capacity in Africa for environmental assessments, and also in various other phases of project preparation and monitoring. The Bank is also beginning to visualize a future where review and supervision responsibilities for environmental assessment work done for World Bank projects in Africa, with some legal limitations, increasingly will be devolved to local institutions in the recipient countries. However, so far the World Bank's experience with using local EA expertise for planned developing activities has been highly variable with respect to the quality of work done.

Several initiatives to strengthen EA capacity in Africa over recent years have led to the establishment of centers of EA excellence, professional associations, and consultant- and professional networks. Basic African professional EA training is obtained through a wide variety of training opportunities, both on the continent and inter-continentally. However, the quality of this training varies greatly and professional consultant expertise offered in Africa is therefore sometimes not up to needed standards, leading to highly variable quality of results when efforts are made to involve local consultants for complex EA tasks. Because of this, efforts are presently being made to find ways of offering a system for voluntary quality testing for EA consultants in Africa. If a proper system can be found, it would enable successful candidates to be included on a quality controlled and vetted Web based list from which donors could select consultants with confidence that quality of work would be secured. These efforts raise a number of sensitive issues as well as questions of control, fairness and competitiveness that need to be carefully considered before a workable system can be put in place.

Leader: Arne Dalfelt

# **CONCURRENT TECHNICAL SESSIONS: VISIONS**

## theme 1 Improving Impact Assessment Practices

## ♦ IA Follow-Up - Learning by Doing

Share relevant experiences in follow-up, identify experiences in IA follow-up pertinent to all stakeholders in the process, and explore the possibilities of "learning on the job" through IA follow-up. The overall aim is to discuss and develop capacity building resources for conducting IA follow-up as well as identify lessons learned and hence contribute to improving IA practices generally.

The workshop includes presentation sessions and plenary discussions. A summary paper of issues including conclusions and recommendations will be produced. These outcomes can be used for capacity building in jurisdictions with little or no experience in follow-up. An additional purpose of the workshop is to continue fostering the professional relationship among the international IA follow-up community that has been a part of the IAIA conferences for the past three years.

Leaders: Jos Arts, Angus Morrison-Saunders

#### Linking Impact Assessment and Management Tools

As the concepts associated with sustainable development mature, and new and modified decision aiding tools are developed, so links between environmental (and other impact) assessment and management tools become all the more essential. Increasingly there is experience of trying to make links between tools, e.g., EIA/SEA and EMS, SEA and CBA, LCA and SEA, SEA and Sustainability Appraisal, etc. The purpose of this workshop is to exchange experiences and to discuss theoretical and practical linkages between tools that can be made and further developed.

The workshop is based on submitted papers, but with ample time allocated for discussion, since one of the aims is to increase dialogue between different disciplines and practitioners. It is intended that a report from the discussions would be produced, as well as recommendations for further action, including perhaps to establish a more formal IAIA section concerned with links between tools.

Leader: William Sheate

### Public Participation

People and organizations want to be involved during the EIA process, but they also want to be involved at different stages of project, plan or policy life-cycle. This requirement from both decision-takers and the public creates new spaces of governance where power is shared, where values are expressed, and where the actors go through a mutual learning process. Hybrid forums, multi-actors focus groups, follow-up committees, and Internet discussion groups are amongst these new spaces, as well as more traditional participation practices.

Hear case studies from around the world from experiments in traditional or new public participation processes, discuss the efficiency of these new spaces of governance for integrated environmental management, discuss the cultural dimension related to public participation which may limit the transferability of certain models of participation in specific cultural context, and identify and debate the needs for capacity-building in public participation. **Leaders:** Pierre André, Bert Enserink

### The Role of EA Research in Capacity Building

Research undertaken by members of IAIA is one of the principal ways in which the organisation contributes to capacity building in impact assessment and environmental management. This workshop focuses on the role of research in building EA capacity in three sessions: 1) innovations in EA research, 2) EA systems in countries in transition, and 3) the role of IAIA in building EA capacity through research.

In the first session, research of both theoretical and applied nature are presented and discussed, with a focus on generic research issue such as the use of science in impact assessment and the development of EA methods and processes. Presentations in the second session focus on EA research in countries in transition. Is research a "luxury" for developed countries, or can it also help transition countries to establish functioning systems? The third session, facilitated by Richard Morgan, is a round-table discussion on the role of IAIA in capacity building for and through research.

Leaders: Aleg Cherp, Mat Cashmore

### CBD Secretariat – Ramsar Bureau Joint Session

Article 14 of the Convention on Biological Diversity (CBD) recognizes impact assessment as an important decision-making process to minimize or mitigate the adverse effects of planned activities on biological diversity. Accordingly, Parties to the CBD are requested to introduce impact assessment procedures during the preliminary stages of projects, plans and policies, which are likely to impact biodiversity.

The joint session is expected to introduce the objectives and main elements of the CBD and the Ramsar Convention, and the role and evolution of impact assessment within the context of the two conventions. This will be followed by examining current practices in all streams of impact assessment, and considering ways and means for effective incorporation of biodiversity-related issues in the assessments. It is envisioned that the joint session will facilitate the implementation of relevant provisions of the CBD and the Ramsar Convention.

Leaders: Robert Höft, Nick Davidson



#### \* Workshop: International Principles for Social Impact Assessment: Where to from Here?

The International Principles for SIA document was prepared over a five-year period as an official IAIA Project. Workshops to develop the International Principles were held at several previous IAIA and as well as other conferences across six continents. Several hundred people were consulted in the process of drafting the document and some 50 people made substantial contributions. As a living document that will continue to be modified, the purpose of this workshop will be to consider any revisions that may be required and to consider where to from here. The process of developing Guidelines based on these Principles will be considered as well as the process of increasing awareness of the International Principles.

Leader: Frank Vanclay

# **CONCURRENT TECHNICAL SESSIONS: VISIONS**

#### \* Workshop: Assessment of Impact Assessments: A Case Study of the Sakhalin Project SIA and HIA

The Sakhalin Energy project is the largest foreign investment project in Russia. As with other large projects, there is potential for environmental and social harm. However, major impact assessments have been completed, and in keeping with international best practice, these have been published and are available to the public on the web (http://www.sakhalinenergy.com). The accessibility of these reports enables a discussion of their effectiveness and adequacy, and gives participants the opportunity to comment on an actual example. The workshop will include presentations from the practitioners who undertook the HIA and SIA studies for the Sakhalin project.

In addition, the publication of these reports was accompanied by a request for public comment. So the discussion at the IAIA conference can be regarded as a contribution to that public comment. The public comment is an opportunity to influence the impact of the Sakhalin Energy project on the environment, the communities and human health. We can achieve this by conveying the outcomes of our discussion to the company.

Leader: Martin Birley

#### Implementing Multilateral Environmental Agreements (MEAs): The Role of the Biodiversity and Ecology Impact Assessment Community

Workshops and sessions in this stream concentrate on the role the biodiversity and ecology impact assessment community plays in assisting Parties to MEAs in meeting their obligations, particularly in contributing to capacity building for impact assessment.

Discussion will focus on the linkages, synergies and conflicts between the impact assessment provisions of MEAs; the extent to which biodiversity and ecology impact assessment issues are being considered within MEAs; the extent to which the guidelines and other recommendations on biodiversity and ecology in impact assessment arising from MEAs are appropriate, could be improved, and are being used in practice; what capacity is needed to implement the MEA provisions relating to impact assessment; and how the biodiversity and ecology impact community, including IAIA. can use its resources to improve support implementation of impact assessment provisions of MEAs, e.g., by providing information, advice and experience. Leaders: Helen Byron, Andrea Athanas, **Roel Slootweg** 

#### # Health Impact Assessment

Health concerns are of increasing importance to stakeholders at both policy and project level. Various governments have agreed to address healthy public policies, local district governments are involved, and at least one major multinational company has minimum health standards. The IFC review has highlighted the relative weakness of this area in Bank procedures. The IAIA has long recognised health as a distinct component of impact assessments. A Memorandum of Understanding has been signed with WHO, a board position has been created, the mission statement has been modified, and papers on HIA now form a regular part of the annual conference.

But what is health impact assessment and how does it integrate with social, environmental or strategic impact assessment? How is the health of indigenous people affected? What are the differences between market and developing economies? Discuss crosscutting issues (e.g., major cities in developed vs. developing economies), contrasting approaches for the public and private sectors, health in planning and the nature of the evidence used in HIA.

**Leaders:** Martin Birley, Lea den Broeder, Roy Kwiatkowski, Alan Bond, Mark McCarthy, Robert Rattle, Carlos Dora, Rob Quigley, Lorraine Taylor

#### \* Strategic Environmental Assessment

Strategic environmental assessment (SEA) is rapidly becoming an established policy, plan and programme support instrument, aiming to ensure the environment is given due consideration in decision making for sustainable development. Whilst there is still some resistance in a number of planning systems towards using SEA more widely, its increasing popularity is clearly related to the growing appreciation of the benefits that can arise from its application.

One important task of SEA practitioners and scholars is to promote these benefits more widely. In this context, the description of the empirical evidence derived from case examples should be emphasised, indicating why and how they helped to improve decision making. Furthermore, based on the evidence found in different systems, SEA theory should be further developed. Whilst theory development had been somewhat neglected up until a few years ago, more recently there have been signs of an intensifying debate on SEA's theoretical approaches and foundations, particularly in connection with the broader planning and decision making debate.

Leaders: Thomas Fischer, Jon Hobbs

#### Workshop: Developing capacity for evaluating health impact assessment

While a small number of HIAs have undertaken some form of monitoring and evaluation, in general it has not been standard practice. Building on the monitoring and evaluation activities undertaken by the Health Development Agency, this workshop will aim to

- Outline the experiences of evaluation activity within England
- Explore other countries' examples of evaluation practice
- Identify particular elements and processes that need to be in place to make monitoring and evaluation successful, in particular exploring challenges, problems and solutions

The workshop will also provide an opportunity for participants to

- Discuss and share examples of promising evaluation practice
- Reflect on their own experience and learn from others' practice
- Develop useful contacts and networks
- Contribute to the thinking on what elements and processes need to be in place to develop and support promising practice

The workshop is for participants with any level of HIA experience (not only experienced HIA practitioners). The workshop will be run in English, and will be participatory (small group work) in format.

Leaders: Robert Quigley, Lorraine Taylor

### **\* Social Impact Assessment**

Consideration of social issues is essential for sustainability and the maintenance of healthy communities. While integration of the various forms of impact assessment is desirable, care must be taken to ensure that social issues are not subordinated in the process of integration. Capacity building in social impact assessment is therefore crucial, but more vital is the building of capacity in areas where it will have greatest effect.

Major emphases of the sessions include improving capacity in the SIA profession, improving in-house capacity within sector groups (e.g., forestry companies, conservation organisations, social policy departments, etc.), and improving capacity in developing countries (where lack of basic equipment, transport infrastructure and literacy mean SIA and public participation can present specific challenges for the practitioner/trainer).

Leader: Frank Vanclay

# **CONCURRENT TECHNICAL SESSION: VISIONS**

#### **\* Roundtable on Strategic** Environmental Assessment/ Sustainability Impact Assessment in Development Cooperation

In spite of some definitional problems, there is a general understanding of the principles, goals and needs of SEA. There is also a growing bank of international experience based on practice. We are, however, a long way from SEA/SIA being accepted as a routine process in the development cooperation arena and significant barriers remain.

To address this, the Organisation for **Economic Cooperation and Development:** Development Assistance Committee (OECD/ DAC) has extended the mandate of the Development and Environment Working Party's Task Group on 'national sustainable development strategies' into the realms of implementation by refocusing its work on progressing the utility of SEA. This roundtable session will address the application of SEA/SIA to development cooperation through some empirical experiences and case studies and a facilitated discussion on the barriers and opportunities presented by SEA/SIA. This will act as an input to the work of the OECD/DAC Task Group including recommendations on how to promote the benefits of SEA/ SIA more widely. Leader: Jonathan Hobbs



## \* theme 3 Impacts of Globalization on IA

### \* Disaster Response, Conflict and Post-Conflict

Environmental aspects of conflicts and postconflicts involve various and numerous questions, namely those related to refugee camps, resettlement, and assessment of the state of post-conflict resource bases for reinstating or restructuring such land-based activities as forestry, agriculture or shepherding. Can there be adverse environmental, global, or extraregional effects? Should there be some assessment of the possible large-scale environmental effects of some weaponry? In addition, can there be post-conflict resolutions on how to properly manage or share resources, such as surface or ground water, in order to avoid possible future conflicts or to preserve reservoirs from possible contamination? Should there be EIA of post-conflict reconstruction and resettlement programs?

Address linkages between disaster response, conflict and post-conflict situations in two sessions: first, how disaster assessment and IA in conflict/post-conflict situations are done and second, on how these assessments deal with the potential of disasters in normal times. Look at disasters and conflict situations and how these affect impact assessment work.

Leaders: Charles Kelly, Michel Bouchard

### **\* Impact Assessment Case Studies**

The foundations of impact assessment, its use in decision making, guiding principals of good practice, public involvement, and global influences are all topics of concern in this group of case studies from around the world. What can we learn from these experiences and what can we conclude from the approach to impact assessments used in each? People new to impact assessment or those who wish to broaden their understanding of the nature and range of impact assessment activities are encouraged to attend this session and contribute to the discussion.

Leader: Carl Gallegos

### **\* Impact Assessment of Trade**

With increasing globalisation and the desire to remove trade barriers, the impact assessment of trade-related policies has become an important emerging new form of IA. It aims to improve our understanding of the impacts of increased trade, to improve coherence between trade and environmental, social and economic development policies, and to provide a framework for informed debate on globalisation issues.

Significant experience has been accumulated in conducting trade IAs, but many challenges remain. The technical session aims to address these challenges, with particular emphasis on capacity building and technical assistance in developing and transitional countries, international consultation and stakeholder involvement, qualitative and quantitative assessment techniques. trade-related agricultural and industrial development policies. relationships between trade rules and multilateral environmental agreements, and corporate responsibility in technology transfer, multinational operations and free trade zones. Time will be devoted to take the first step toward establishing principles for the IA of trade-related policies.

Leaders: Clive George, Bernice Goldsmith

### **\* Environmental Law**

Analyse the role of impact assessment as a tool on the different aspects of institutional development, including social, economic, health, environmental and risk assessment, among others, and in connection with the mutual strengthening between legislation on impact assessment and the shape of institutions.

The issues are relevant not only for developing countries but also for industrialised and post-industrialised countries, within the context of providing the right institutional ways for transparency of institutions (public information) and of private companies (corporate reporting).

The session also focuses on the post-Johannesburg situation and the new role alongside with the public institutions of the private sector within the context of sustainability. **Leader:** Jose-Luis Salazar

# **CONCURRENT TECHNICAL SESSIONS: VISIONS**

## \* theme 4 Enhancing Grassroots Development through IA

### \* EIA in Low- and Middle-Income Countries

In the past two decades, several developing countries have begun implementing EIA as a preventative tool. However, given the judicial, institutional, and structural differences among these countries, the outcome of the EIA process has resulted in great disparities among these countries. The review of environmental management instruments that complement the EIA and its application can therefore have a critical impact of the quality of life and the prospects for sound development in developing countries.

#### (a) EIA in capacity building in low- and middle-income countries: methods and process

These sessions/workshops will reflect on the successes and failures of different models and methods of EIA in capacity building processes. The focus of this workshop will be to identify ways in which elements of good practices can be used to enhance the effectiveness of EIA implementation in this kind of project in developing countries and how, in particular, public participation in EIA can lead to greater impacts in the field, with or without legal and regulatory support.

Leader: Virginia Alzina

#### \* Capacity Building in IA for Small-Scale Development Activities

Small-scale or community-based activities and projects are an essential basis of rural development. Experience has shown that IA processes are critical to the environmentally and socially sound design of these projects and activities, helping designers avoid costly errors or project failures, and addressing potential cumulative impacts from the large number of such activities occurring in developing countries. Implementing IA in this context is challenging, due to the large numbers of activities involved and the decentralized nature of the activities and their staffing.

This workshop allows participants to benefit from the experiences of practitioners and organizations involved in impact assessment and environmentally and socially sound design for small-scale activities (SSA). It provides a forum for the presentation of on-the-ground findings and lessons learned and addresses how to improve capacity building in SSA and community-driven development impact assessment and/or reviews. An important focus is on strategies for 'Training of Trainers' in environmentally and socially sound design and best management practices, using impact assessment processes.

Leaders: Weston A. Fisher, Charlotte Bingham

#### (b) EIA for sector and infrastructure projects in low- and middle-income countries

These sessions/workshops will help participants reflect on the successes and failures of the application of EIA through several sectors (sanitation, transportation), and applied to infrastructure projects. The focus of this workshop will be in the identification of ways in which elements of good practices can be used to enhance the effectiveness of EIA implementation in developing countries and how, in particular, infrastructure projects have dealt with it.

#### Leader: Lee Wilson

#### \* Capacities for Urban Development

Government, civil society (including NGOs) and private business have to develop the necessary capacities to understand and deal with their development needs, to improve their ability to solve problems, define and achieve objectives and perform necessary functions within the urban system. These sessions provide a platform for the exchange of experiences in developing the necessary capacities for sustainable urban management and development.

The urban development sessions explore methodological innovations in the practice of EIA in insfastructure planning; the relevance of EIA in infrastructure, development and sustainability; the application of EIA to decision making in the transportation sector; the role of EIA in the planning process; and capacity building for urban development.

Leader: Peter Schubeler

Notes

# **Exhibitors/Conference Terms**





## **Definition of Terms**

**Annual Meeting:** An extended collection of IAIA and IAIA-related events within a week to two-week time frame, including special meetings, technical visits, short courses, and social events.

**Conference:** The core of the annual meeting; typically 3-4 days devoted to plenaries, concurrent sessions, and IAIA business.

**Session:** A block of time during which presentations are made on a single topic.

**Stream:** A number of sessions on the same topic.

**Theme:** A unifying idea under which streams of similar topics are grouped.

**Paper Presentation:** The oral summary of a paper within a session. Typically paper presenters have 15 minutes of presentation time, including time for Q&A.

**Poster:** Visual presentation of a paper or project by means of graphics, photos, data, and a small amount of text on a display area. Posters are self-explanatory, but poster authors are available to answer questions during the session dedicated to poster viewing.

**Workshop:** The topic is specific and active discussion seeks to resolve a defined problem. May be a combination of paper presentations and discussion.

**Panel:** Invited speakers present different views or experiences on a topic, typically followed by an informal discussion between the speakers and questions from the audience.

**Roundtable:** A group of individuals, usually invited, hold an informal discussion on a specific topic or problem.

# **Exhibitors**

- Cerphos
- World Health Organization
- ONEP (Office National de l'Eau Potable) APC (Association Professionelle des
- Cimentiers)
   GTZ and Ministry of Environment,
- ♦ Morocco USAID
- Maroc Telecom

Plus... don't miss these "information stations"!

- ♦ Elsevier
- World Scientific Publishing
- Edward Elgar Publishing
- Members' Display Table and Book Share

## How to Get the Most from This Conference

**Make a goal sheet.** Why did you decide to register for this program? What is it you expect to gain? Take a moment right now to think about your goals. Then clarify them by writing them down in your program. Look over your goal page throughout the conference; it will help you keep your goals focused.

**Meet other people.** This is an excellent opportunity to expand your network of contacts. Sit next to someone you don't know, even if you've come with a group. Mingle during the breaks. Exchange business cards. Every participant has a specific area of expertise; find out what it is instead of chatting about the weather. Remember the goal sheet in point 1? Let us suggest that one of your goals be to meet at least one person you intend to communicate with again on a business or social basis.

**Participate!** Ask questions. Make contributions. Actively participate in the exercises. Consider the meeting room to be a "mental gymnasium" where it's okay to run, fall, and get up again. You'll benefit much more by participating in the game that sitting on the sidelines.

**Relate what you learn to yourself.** Don't settle for "abstract" knowledge. Have your current problems, conflicts and interests foremost in your mind. As you learn new approaches and techniques, relate them to your own situation. **Find the "big idea."** Try to identify at least one "big idea" that will make this program worthwhile. The idea will be there ... it's up to you to find it.

Make a commitment to review your notes. Right now, take out your calendar and make a one-hour appointment with yourself to "retake" the program. Don't put your good ideas away with your notes. And consider doing it this evening while your ideas and enthusiasm are fresh.

**Don't call the office/don't check the e-mail.** There will always be a problem that "only you can handle," and in most cases it *can* wait.

Write a "Dear Boss" letter. If your boss or company sent you to the conference, thank them with a letter. Include a list of your "action ideas" based on your action plan -- what you intend to do or change as a result of what you have learned. If you paid your own way, still send the letter. It will show how committed you are to your own professional growth.

**Enjoy yourself.** Start relaxed and you'll leave refreshed, inspired and recharged. Forget about what's happening at the office -- unless you have unusual telepathic powers, you can't do much about it anyway. This is your conference. Get all you can out of it and have a good time.

# **TECHNICAL SESSIONS OVERVIEW**

	Tuesda	y 17 <b>Jun</b> e	Wednesday 18 June	Thursday 19 June		
	1:30 - 2:45	3:00 - 4:15	1:30 - 3:00	1:30 - 2:45	3:00 - 4:15	
Diamont	1.1 SEA	1.2 SEA	1.3 SEA	1.4a SEA	1.5 SEA	
Opale	2.1 Biodiversity & Ecology	2.2a Biodiversity & Ecology	2.3 Biodiversity & Ecology	1.4b SE A	9.3 IA & Management Tools	
Cristale		2.2b Biodiversity & Ecology				
Amethyste	3.1 Small-Scale Activities	3.2 Small-Scale Activities	3.3 Small-Scale Activities	13.4 Public Participation	13.5 Public Participation	
Rubis	4.1 SIA	4.2 SIA	4.3 SIA	3.4 Small-Scale Activities	3.5 Small-Scale Activities	
Jade	5.1 HIA	5.2 HIA	5.3a HIA	2.4 Biodiversity & Ecology	2.5 Biodiversity & Ecology	
Source	6.1a Low-Income Methods & Process	6.2a Low-Income Methods & Process	5.3b HIA	14.1 International Law	14.2 International Law	
Emeraude	6.1b Low-Income Projects	6.2b Low-Income Projects	6.3a Low-Income Methods & Process	4.4 SIA	4.5 SIA	
Al Borj 1	8.1 Urban & Infrastructure	8.2 Urban & Infrastructure	10.3 Journal Editors	6.4a Low- Income Methods & Process	6.5a Low-Income Methods & Process	
Al Borj 2	9.1 IA & Management Tools	9.2 IA & Management Tools	11.1 International Case Studies	6.4b Low-Income Projects	6.5b Low-Income Projects	
Al Borj 3	10.1 Vetting Consultants	10.2 WB Inspection Panel	8.3 Urban & Infrastructure	8.4 Urban & Infrastructure	8.5 Urban & Infrastructure	
Al Borj 4	13.1 Public Participation	13.2 Public Participation	13.3 Public Participation	15.1 IA Follow-Up	15.2 IA Follow-Up	
Al Borj 5	7.1 Diasaster & Conflict	7.2 Disaster & Conflict		12.1 Research	12.2 Research	
Al Borj 6			6.3b Low-Income Projects		16.1 IA of Trade	
Shalimar				5.4 HIA	5.5 HIA	
Bridge					10.4 OECD/DAC Roundtable SEA/SIA	

## **POSTER PRESENTERS**

Rabel Burdge. Learning about social change

Hólmfridur Sigurdardóttir, Jakob Gunnarsson. EIA and Geothermal energy in Iceland

- Robert J. Earley. Cumulative social effects in the Athabasca oil sands: social impact assessment in a modern-day boom town
- Abdulrahman Salim Issa. Environmental assessment capacity building through regional networking and exchange in Eastern Africa
- Paola Gazzola. Adapting strategic environmental assessment (SEA) for integration in different planning systems
- Edmundo Ducoing Chahó, Patricia Ramírez Romero, Josefina Cendejas Guizar. Cumulative impact assessment through water quality parameters in Patzcuaro Watershed
- Kirsten Oleson, Ernesto Sanchez-Triana. Lending for the environment? Structural adjustment loans for environment in Latin America
- Axel Valur Birgisson. EIA on water supply project in SW-Iceland
- Shane Larkin. Public participation within the EIA process
- Peter J. Nelson. SEA and sustainability appraisal
- Joon-Gyu Choi. Quantitative assessment based on decision-making program in determination of environmentally friendly routes
- Ma. Antonieta Gómez-Balandra, Saldaña Fabela Pilar, Lidia Vázquez Hernández, Horacio Rodríguez López. Comparison of two impact matrix approaches in assessing a water supply dam in Mexico

- Tae Ho Ro, Joon-Gyu Choi, Young-Joon Lee. Evolution of EIA system during economic transition from developing to developed country: Korea from 1970s to 2000
- Alonso Zarzar, Jorge Uquillas. Capacity building programs for indigenous people in Latin America
- James Andruchow, Francesca Racioppi, Colin Soskolne, Marco Martuzzi. Health impact assessment and capacity building in a newly independent state: the case of Azerbaijan
- Agata Spaziante, Grazia Brunetta, Fulvia Zunino. Discussing the experience of the strategic environmental assessment on the Winter Olympic Games Programme "Turin 2006 (Italy)"

Sandy Muller. High on grass

- Miguel Equihua. Qualitative modeling in environmental impact assessment: a backbone for capacity building
- Alan Bell, Norval Collins, Cameron Ells, George de Romilly, Alison Rossiter, Robert Young. Incorporation of climate change into the EIA process: application of a practitioner's guide to six case studies in Canada
- Balsam Ahmad, Amir Hassan, Martin Birley, Adel Dairi, Khalid Fakhro, Zahwa Alkuwari. A framework for evaluating occupational heat stress in the context of HIA in Bahrain
- M.M. Ismaili Alaoui, L. El Rhaffari, O. Driss, L.A. Mouatadid. Participation des recherches et developpement pour la gestion rationnelle des Nappes de Romarin «cas du Maroc»
- Jian Xie. Enhancing local training capacity through partnerships: the World Bank's China environmental training program and development of a strategic EA course for the country

#### **Notes**



## **TUESDAY 17 JUNE** 1:30 – 2:45

#### **1.1 SEA Implementation** (Diamant)

Leader: Thomas Fischer Rapporteur: Paola Gazzola

Ralf Aschemann. Implementation of the EU SEA Directive into Austrian Legislation

- Young-Joon Lee, Hyun-Woo Lee, Young-Il Song, Heon-Seok Yoo, Jong-Seon Jung, Ki-Han Kim. Introducing strategic environmental assessment in Korea: a step forward in environmental assessment system
- Joana Cadete da Rocha Pereira, Helena Maria Pina Calado, João José Mora Porteiro. Environmental assessment of plans and policies: a proposal for application
- Philippe Arrizabalaga, Nadia Christinet, Aline Sauter. L'évaluation stratégique de l'impact sur l'environnement – réalités et perspectives à Genève

#### 2.1 Biodiversity and Ecology. Implementing Multi-lateral Environmental Agreements: EIA Methods & Approaches (Opale) Leader: Helen Byron

- Davide Geneletti. Including uncertainty analysis in the evaluation of project alternatives: a case study in ecological impact assessment
- Mikael Gontier, Berit Balfors, Ulla Mörtberg. Prediction tools for biodiversity in EIA Isayvani Naicker. The ecosystem approach for African regional planning
- Sabrina Genter, John Bailey, Sue Moore. Use of policy environmental assessment to evaluate biodiversity policy

#### 3.1 Capacity Building in Impact Assessment for Small Scale Activities. Analysis of Capacity Building Approaches in IA for Small-Scale Activities: Experience, Lessons (Amethyste) Leaders: Wes Fisher, Charlotte Bingham

Wes Fisher, Charlotte Bingham. Workshop Overview

- Peter Croal. Canadian International Development Agency (CIDA) approach to IA capacity building for small scale activities
- Carl Gallegos, Walter I. Knausenberger. The USAID Africa Bureau Environmental Capacity Building Program (ENCAP) – An Overview and Introduction to the ENCAP CD-Rom
- Walter Knausenberger, David Kinyua . The USAID Africa Bureau Environmental Assessment Training Course for Small Scale Activities. Course structure, pre-planning, course content, role play, workgroup exercises; getting the most from learning-by-doing field case sites; results and future directions

## 4.1 SIA: Improving Capacity in Developing Countries 1: World Bank Perspectives (Rubis)

Leader: Frank Vanclay

Estanislao Gacitua-Mario. Paraguay country social analysis

- Anis Dani. Rethinking the direction of social risks? A framework for social risk assessment I. U. B. Reddy. Social impact assessment of large-scale displacement in Mumbai urban
- transport project Maninder Gill. Addressing the principles of the World Bank's environmental and social
- safeguard policies in community driven development (CDD) projects

#### 5.1 Health Impact Assessment: Policy and SEA (Inde) Leader: Martin Birley

#### Rapporteur: Roy Kwiatkowski

- Marco Martuzzi, Karen Lock, Paul Wallace, Mojca Gabrijelcic, Peter Otorepc, Carlos Dora. Health impact assessment of sectoral policies at the national level: agriculture, food and nutrition policies in Slovenia
- Manon Penris, Gerard Varela Put, Lea den Broeder. A healthy urban policy? HIA on the Dutch government's urban policy
- M.P.M. Bekker, K. Putters, T.E.D. Van der Grinten. The role of health impact assessment in the policy process

- Carlos Dora, Jaroslav Volf, Francesca Racioppi, Karen Lock, Ceri Breeze. Where is health in strategic environmental assessments? Recent policy developments in Europe and emerging challenges
- Karen Lock, Mojca Gabrijelcic, Marco Martuzzi, Peter Otorepec, Paul Wallace, Carlos Dora, Aileen Robertson, Jozica Zakotnic. Results of a national HIA: the health implications of the Common Agricultural Policy in a country joining the European Union

#### 6.1a EIA in Capacity Building in Low- and Middle-Income Countries: Methods and Process (Source) Leader: Virginia Alzina

- D. Zakarya, R. Lotfi, M. Zahouily. Ecoefficiency analysis as a tool in environmental impact assessment for industrial projects
- Elizabeth Muller, Rudi Pretorius, Rob Hounsome. Development of environmental indicators for state of environment reporting in South Africa
- Abdulrahman Salim Issa. The role, status and effectiveness of environmental assessment in planning for sustainable development in Eastern Africa
- Valery Gildas Bendji. Contribution du Réseau Gabonais des Professionnels en Evaluation Environnementale (RGPRR) à l'étude sur l'état des liex et des besoins en matière d'Evaluation Environnementale (EE) au Gabon

#### 6.1b EIA for Sector and Infrastructure Projects in Low- and Middle-Income Countries (Emeraude)

#### Leader: Lee Wilson

- M. Amadou Garba. Impacts environnementaux et lutte contre la desertification du Rechargement de la Route Agadez-Zinder
- Pierre Guimont, Jean Hébert. Le renforcement des capacities en gestion de l'environnement à l'Office de l'Eau Potable (ONEP) du Maroc. Bilan de la cooperation avec Hydro-Québec
- Koassi d'Almeida, Michel A. Bouchard, Jean-Pierre Revéret, El Habib Benessahraoui, Sibi Bonfils, Sory Diabaté. De l'analyse des besoins à l'élaboration d'un programme de renforcement des capacities en ÉÆ: Le programme MOGED
- André J. Buys, Victor I.O. Ndirika. Assessing the impact of intermediate agricultural processing technologies
- Loïc Trébaol, Jean-Philippe Dutilleul. Le cycle de perfectionnement à l'étude d'impact environnemental proposé par l'Institut Forhom (La Rochelle, France) : bilan d'une expérience de renforcement des capacités destinée aux cadres francophones
- Célestine Mengue Medou, Jean Philippe Waaub. La place de l'evaluation environnementale dans l'aménagement forestier du Gabon

#### 7.1 Disaster, Conflict and Post-Conflict EIA (Al Borj 5) Leaders: Michel Bouchard, Charles Kelly

- Charles Kelly. Disasters management and environmental impact assessment: gaps and linkages
- Aleg Cherp, Keith Baverstock. Sustainability impacts of disaster relief efforts in case of Chernobyl nuclear power plant accident
- Michel A. Bouchard, Patrick Champagne. Évaluation environnementale stratégique et conflits armés
- Rachel Kyte. The need for conflict assessment and dispute resolution design capacity within the private sector operating in conflict and post-conflict situations

#### 8.1 Impact Assessment in Urban and Infrastructure Development Methodological Innovations in the Practice of EIA in Infrastructure Planning (Al Borj 1) Leader: Peter Schubeler

- Albert Koenig. Beyond conventional impact assessment of landfills in Hong Kong: problems of mass, time, and space
- Sharon Baillie-Malo, Dave McCauley. Environmental assessment of two projects for the cleanup and local long-term management of historic low-level radioactive wastes in the Port Hope Area, Ontario, Canada
- Kuang-Huei Huang. Comprehensive environmental monitoring and follow-up No. 6 Naptha Cracking Project in Taiwan
- Eduardo Moreno Cuesta, Encarnacion Gonzalez Algarra, Antonia Macias Guerrero. Development and integration into a GIS of an expert system adapted to the Spanish legislation for the screening stage of EIA

#### 9.1 Linking Impact Assessment and Management Tools

(Al Borj 2)

Leader: William Sheate

Jos Arts, Frank van Lamoen. Before EIA: defining the scope of infrastructure projects in the Netherlands

Carys E. Jones. Tiering in environmental assessment - can it be delivered?

Hobson Bryan. Environmental impact assessment: from segmentation to integration Aleg Cherp, Gabor Szarvas. Linkages between strategic environmental planning and corporate environmental management

#### **10.1 Vetting EIA Consultants in Africa in World Bank-Funded Projects** (Al Borj 3) Leader: Ame Dalfelt

Leader: Arne Danen

Presentation of experience and open discussion

### **13.1 Public Participation** (Al Borj 4)

Leaders: Pierre André, Bert Enserink

Saida L. Engström, Claes Thegerström. Facts and values in the encounter between science and democracy in the EIA consultation process: an implementer's perspective

- Maria Josefina Figueroa. Public participation, democracy and environmental integration: can EIA/SEA provide a feasible connection?
- N'Dah Etien. Proposition d'indicateurs environnementaux pour le suivi environnemental des projets en Côte d'Ivoire
- Georges Lanmafankpotin. De Ouèssè à Parakou : deux formes de participation du public à la prise de decision

Oluyemisi A. Elegbeleye, Oritsetimeyin J. Dada, Ikechukwu C. Okoro. Organised community participation in impact assessment: the Bonny experience

## **TUESDAY 17 JUNE** 3:00 – 4:15

#### **1.2 SEA Research** (Diamant)

- Leader: Maria Partidario Rapporteur: Olivia Bina
- Michael Short, Mark Baker, Jeremy Carter, Carys Jones, Christopher Wood. Does the use of SEA/SA result in changes to English development plans?
- Jo Ann Beckwith. The analytic hierarchy process and SEA: an evaluation of policy options to reduce mercury from U.S. power plants

Thomas B. Fischer. Policy assessment follow-up: some lessons from Europe Olivia Bina. Relating SEA to its contexts and to sustainable development

Karim Samoura. Evaluation environnementale stratégique du plan d'aménagement forestier de la baie de Sangaréya: dignostic de l'exploitation des resources naturelles

#### 2.2a Biodiversity and Ecology. Implementing Multi-lateral Environmental Agreements: case studies on EIA in the coastal environment (Opale)

#### Leader: Andrea Athanas

- A.G. Abul-Azm. Shoreline Impact Assessment as a tool for ICZM in Egypt
- Olga Belous, Saulius Gulbinskas. Environmental impact assessment of Lithuanian coastal zone activity in time of political and economical transition
- Virginio Bettini. Ecological sustainability and non-sustainability: assessment of a rundown area extension in estuarine environment
- Karim Samoura. Complexite de l'evaluation des impacts des barrages hydroelecytriques sur la dynamique de la mangrove en milieu rizicole et salicole : cas de l'estuaire du Konkouré
- Oumar Karamoko Ndiaye. Etude de l'accessibilité et de l'implementaiton du port de Saint-Louis: effects sur la biodiversité

#### 2.2b Biodiversity & Ecology. Implementing Multi-lateral Environmental Agreements: Case Studies on EIA and Agriculture (Cristal) Leader: Helen Byron

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Marje Hensen. "Red list toad" saves money in horticultural development plan Félicia Johnson, Mathieu Wadja. Lutte contre un ravageur de niébé (*Callosobruchus maculatus*) par utilization de bio-pesticides

Annie Thomas, Karl Kunert, Andre Buys. Risk assessment of genetically modified plants on the South African flora

#### 3.2 Capacity Building in Impact Assessment for Small Scale Activities. Analysis of Capacity Building Approaches in IA for Small-Scale Activities: Experience, Lessons (Amethyste) Leaders: Wes Fisher, Charlotte Bingham

- Charlotte Bingham. Capacity building for application of World Bank Safeguards to small scale development activities
- Roundtable: Brainstorming on future approaches/improvements to capacity building in IA for small scale activities (David Kinyua)

#### 4.2 SIA: Improving Capacity in Developing Countries 2: Other Perspectives (Rubis)

Leader: Frank Vanclay

Chair: Estanislao Gacitua-Mario

- Meskerem Brhane, Ilham Basahi, Toine Vreins, Abdela Basahi. Improving energy access for poverty reduction in Yemen
- Mu-Choon Lee. SIA on dam in the planning stage in Korea
- Alvine Moussinga. Les impacts sociaux de la pandemie du VIH/SIDA au Cameroun Hamid Chrifi. Quand l'ombre du dialogue social affecte les cadres d'évaluation des serviteurs du nucléaire

Isayvani Naicker. Incorporation of African values into environmental assessment

## 5.2 Health Impact Assessment Capacity and Integration (Jade)

Leader: Lorraine Taylor

Rapporteur: Alan Bond

- Ingrida Zurlyte, Lea den Broeder. Building capacity for health impact assessment in Lithuania
- Viput Poolcharoen, Decharut Sukkumnoed, Sombat Haesakul, Sanchai Suthipanvihan. The development of HIA human resource in Thailand: the past experience and future plan
- Pierre Gosselin, Roy E. Kwiatkowski, Patricia Aquing. Health impact assessment (HIA) training in action

C.P. Wolf. Community health impact assessment

Marco Martuzzi, Pierpaolo Mudu, Francesca Racioppi, Carlos Dora. HEARTS project: assessment and integration of health impacts from urban transport systems

#### 6.2a EIA in Capacity Building in Low- and Middle-Income Countries: Methods and Process (Source) Leader: Virginia Alzina

- Jacqueline Bilodeau. L'outil de travail électronique de la Loi canadienne sur l'Évaluation environnementale et les Smartmasters maintenant disponibles sur tous les bureaux de l'Agence canadienne de développement international (ACDI) ainsi qu'en format cédérom
- N'Dah Etien. Proposition d'une methods participative pour l'evaluation environnementale des projets : cas du Programme Cadre de Gestion des Aires Protégées (PCGAP) de la Côte d'Ivoire
- Decharut Sukkomnoed, Sodsai Sraksok, Suphakij Nunthaworakarn. Integrated impact assessment of managing Pak Mun hydropower dam: the future of the Mun River and the health of its people
- Abdurrachman Dharmawijaya, Dadang Purnama, Rusdian Lubis. Opportunities and risk of environmental impact assessment (EIA) decentralization: case studies from Indonesia

## 6.2b EIA for Sector and Infrastructure Projects in Low- and Middle-Income Countries (Emeraude)

#### Leader: Lee Wilson

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- Khaled Abbas. Relocating industrial premises from Greater Cairo to new cities: is there a difference in environmental impacts of transport activities?
- Khaled Abbas. Environmental assessment of road alignments based on multicriteria scoping: a case study of Cairo-Ain Sukhna freeway
- Khaled Abbas. Applicability of traffic impact assessment to development projects in three Middle Eastern cities: is there a difference?

#### 7.2 Disaster, Conflict and Post-Conflict EIA (Al Borj 5) Leaders: Michel Bouchard, Charles Kelly

- Nicolas Shuku Onemba. Évaluation environnementale des conflits armés : cas de la République Démocratique du Congo
- Janvier Kabwe Fikirini. La présence de milliers de réfugiés et de combattants dans la région des Grands-Lacs et les conséquences sur l'environnement
- Victor Amissi Sulubika. L'impact des conflits armés sur le Parc National de Kahuzi Biega (PNKB) à l'Est de la RD Congo
- N'Dah Etien. Impacts environnementaux de la guerre en Côte d'Ivoire : Quel avenir pour les parcs nationaux et réserves des zones assiégées

#### 8.2 Impact Assessment in Urban and Infrastructure Development. Infrastructure, Development and Sustainability: EIA and the Question of Value (Al Borj 1) Leader: Peter Schubeler

Hólmfrídur Sigurardóttir, Jakob Gunnarsson. EIA and geothermal energy in Iceland Ainhoa Gonzalez. Wind energy strategies in Iceland

- Virginio Bettini, Giordano Maria Di Gregoria, Leonardo Marotta, Chaira Rosnati, Diego Vicinanza. Perception from tourist versus environmental value: an environmental value methodology
- Eduardo Moreno Cuestra, Encarnacion Gonzalez Algarra, Antonio Domínguez Moreno, Antonio Macias Guerrero. Environmental impact assessment of strawberry growing

## 9.2 Linking Impact Assessment and Management Tools

#### (Al Borj 2)

#### Leaders: William Sheate, Ivan Scrase

- Rachel Kyte. From process compliance to focus on outcomes: new innovations in accountability and subsequent challenges for the practice of environment and social assessment
- JFC Friend. The Blue Model, education and effective environmental management in South Africa
- H.G. van der Voort, J.A. de Bruijn. Financing public-private partnerships in scientific research: impacts and beyond
- R. van Wendel de Joode, J.A. de Bruijn. Setting up benchmarks to improve sector programs: rules of the game for an interactive approach

#### **10.2 World Bank Inspection Panel** (Al Borj 3)

Leader: Maartje van Putten

Presentation of experiences and open discussion

#### 13.2 Public Participation (Al Borj 4)

#### Leaders: Pierre André, Bert Enserink

- Jong-Gwan Jung, Sang-Jin Lee. Citizen participation process in operating of Sudokwon landfill site
- Clare Twigger-Ross. Tailoring the method: understanding the role of stakeholder involvement in integrated appraisal

Shigeo Nishikizawa, Sachihiko Harashina. Workshop for collaboration of different generations in planning process: case study in Yakushima Sustainable Island Project

Thomas C. Meredith. Community participation in environmental information management: exploring decision-support procedures for impact assessment preparedness

Yasuo Matsumoto, Sachihiko Harashina. GIS application for supporting citizen participation meetings: case study in Yakushima Sustainable Island Project

## WEDNESDAY 18 JUNE 1:30 – 3:00

#### 1.3 SEA: Capacity Building/Comparative Views (Diamant) Leader: Ralf Aschemann

Rapporteur: Holger Dalkmann

Maria Rosario Partidario. Capacity building in strategic environmental assessment: priorities in policy, institutional and technical capacity streams

- Peter J. Nelson. Building capacity in SEA in sub-Saharan Africa
- Ross Marshall. SEA and energy: can existing strategic decision-making frameworks for electrical network planning PPP adapt to SEA?
- Gerard Stewart. A comparative legislative review of the "Water Framework Directive: and Strategic Environmental Assessment Directive"
- P.A.M. van Gent. Knowledge brokering in EIA and SEA

#### 2.3 Biodiversity and Ecology. Implementing Multi-Lateral Environmental Agreements: CBD Secretariat-Ramsar Bureau Joint Session (Opale)

Leaders: Nick Davidson, Robert Höft

#### 3.3 Environmental Screening/Review Reporting and Safeguards Processes at the Community/Local Level for Small-Scale Activities (SSA): Approaches, Instructions, Review Processes, Lessons (Amethyste)

Leaders: Wes Fisher, Charlotte Bingham

- Walter Knausenberger. Environmental Screening/Reporting for Small-Scale Activities (SSA) - Approaches, Instructions, Review Processes, Lessons from the USAID Africa Bureau Environmental Capacity Building Program (ENCAP),
- David Kinyua. Capacity Building in Small Scale Development Activities: Practical Experience – An Example from Central Kenya
- Roundtable: Brainstorming on how to improve the review of SSA impact assessments at the community, local, district and national levels (David Kinyua)

#### 4.3 International Principles for SIA: Where to Next? (Rubis) Leader: Frank Vanclay

Workshop discussion discussing the utilization of the International Principles to develop Guidelines in different jurisdictional and sector settings

#### 5.3a Health Impact Assessment Practice and Planning (Inde)

#### Leader: Martin Birley

#### Rapporteur: Lea den Broeder

- C. Emdad Haque, Shirley Thompson. The challenge of development and drinking water supply in Bangladesh: issues of health impact and building capacity at the local level
- Elizabeth Muller, Roseanne Diab, Michelle Binedell, Rob Hounsome. Health risk assessment of kerosene usage in an informal settlement in Durban, South Africa
- Par S. Yonkeu, A.H. Maïga, J. Wethe, M. Mampouya. Evaluation des risques pour la santé humaine dus à la presence des petits barrages en Afrique de l'Ouest : cas du barrage de Yitenga au Burkina Faso
- Alan Bond, Mark Goodwin, Ben Pykett, Verity Jones. An investigation of the consideration of health within planning in Wales
- Suphakij Nuntavorakarn, Decharut Sukkomnoed. Public participation in renewable energy development: HIA's public scoping and public review of the two controversial biomass power plant projects in Thailand
- Yanyong Inmuong. Community-based actions on assessing water pollution and health impact
- M. Hamidur Rahman, Hiroaki Ishiga. Arsenic pollution in soil and groundwater of Bangladesh

### 5.3b Workshop: Developing Capacity for Evaluating HIA Health Impact Assessment (Source)

Leaders: Lorraine Taylor, Rob Quigley

Workshop and discussion

#### 6.3a EIA in Capacity Building in Low- and Middle-Income Countries: Methods and Process (Emeraude) Leader: Virginia Alzina

- Luz Angela Pinilla Urzola. Capacity building for industrial development in developing countries: the case of environmental management systems in SMEs in the Republic of Colombia
- Mary Ellen MacCallum, Le Thi Ngoc Quynh. Capacity building for EIA in Vietnam E.A. Emerhi. Capacity building in IAIA-Nigeria
- Ma. Antonieta Gómez-Balandra, Pilar Saldaña Fabela. EIA policy and practice at state and municipal level
- Koassi d'Almeida. Évaluation et suivi des programmes et projets de renforcement des capacités en ÉIE : proposition d'une approche méthodologique

## 6.3b EIA for Sector and Infrastructure Projects in Low- and Middle-Income Countries (Al Borj 6)

#### Leader: Lee Wilson

C.P. Wolf. Comparing rivers: The Mississippi and the Niger

- Victor Ohioze Imevbore, Adeolu Ojo. International co-operation for environmental control and management: experiences from ERML
- Georges Lanmafankpotin. EIE des stations-services et dépôts d'hydrocarbures comme démarche prospective en vue d'une amélioration continue
- Koassi d'Almeida. Situation de l'évaluation environnementale en Afrique subsaharienne ; les écarts fondamentaux et les besoins
- Jian Xie. Assessing economic and environmental impacts of environmental policy instruments and governmental programs: a quantitative model and its application to China

#### 8.3 Impact Assessment in Urban and Infrastructure Development Application of EIA to Decision Making in the Transportation Sector (Al Borj 3)

#### Leader: Peter Schubeler

Martin De Jong, Harry Geerlings. Transport infrastructure assessment practices in Denmark and the Netherlands: how similar countries can draw lessons from each other Hans Nijland. Zuiderzeelijn: environmental impact of a fast railway connection in the Netherlands

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- Virginio Bettini, Marco Stevanin. L'environnement et le non reversibilité des impacts de la ligne Lft (Lyon-Turin)
- Xavier Amelot, Laurent Couderchet, Fabienne Beaudu. Développement durable et équité spatiale: applications dans de cadre des projets autoroutiers
- Eduardo Peris Mora, Luis-Victor Fernández Velasco. Reviewing the quality of environmental impact statements: a case study on roads construction in a Spanish region

#### **10.3 Panel Session with the Editors of Key IA Journals**

#### (Al Borj 1)

#### Moderator: Rabel Burdge

Panel Members: Christopher Wood, Carys Jones, Eric Johnson, William R. Sheate, John F. Benson, William Page

Discussion and Q&A

### 11.1 International Case Studies (Al Borj 2)

#### Leader: Carl Gallegos

- Carlos Rodríguez, Veronica Hernandez, David Pereira. Is it possible to build capacity through the project cycle management in international cooperation process? A case study in Peru
- Moulaye Farota. La lutte contre le desertification au nord Mali
- Seydou Keita. Evaluation environnementale et renforcement des capacities des communautes locales dans le cas de d'exploitation de la Mine d'or de Sadiola, Mali
- Gustavo Pedraza. Building trust for sustainable environmental management in the hydrocarbons sector
- A. Ramachandran, B. Enserink, A.N. Balchand. Assessment of the impact of human stress on the coastal resources in Kerala. India

#### **13.3 Public Participation** (Al Borj 4) Leaders: Pierre André, Bert Enserink

Discussion: The challenges of public participation Discussion: Les defis de la participation publique

## **Thursday 19 June** 1:30 – 2:45

#### 1.4a SEA Case Studies (Diamant) Leader: Jon Hobbs

#### Rapporteur: Michael Short

- Jenny Pope. Integrated strategic assessment of the proposed Gorgon Gas development in Western Australia
- Judith Cherni, William Sheate. Environmental assessment of energy options in remote rural area: case study of Peru
- Alissar Chaker. SEA in Lebanon
- Holger Dalkmann. SEA for Olympic Games: future opportunities for recognizing sustainability
- Attilia Peano, Grazia Brunetta. The strategic environmental assessment on the Winter Olympic Games Programme "Turin 2006." Methodology, practice, perspectives

#### 1.4b Sustainability Assessment (Opale)

#### Leader: Jean-Philippe Waaub

- Angus Morrison-Saunders, David Annandale, Bryan Jenkins. Challenges in sustainability assessment: issues for capacity building
- Maria Rosario Partidario. Guiding framework for strategic impact assessment in spatial planning in Portugal
- Richard Eales, Clare Twigger-Ross. Emerging approaches to integrated appraisal

William Sheate, Maria Rosario Partidario. Contributions of sustainability assessment to biodiversity scenarios in upland Europe

C.P. Wolf. Proactive and Creative

Dan Lansana Kourouma, Jean Philippe Waaub. L'utilisation de l'aide multicritère en evaluation environnementale stratégique du secteur de l'énergie : comparison d'options énergétiques dans l'etude de cas de la Guinée maritime

#### 2.4 Biodiversity and Ecology (Jade)

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Leaders: Roel Slootweg, Helen Byron

Discussion: Implementing Multilateral Environmental Agreements: The Role of the Biodiversity and Ecology Impact Assessment Community

#### 3.4 The Latest Mitigation, Monitoring and Best Management Practices (by Sector) for Small-Scale Activities (Rubis)

#### Leaders: Wes Fisher, Charlotte Bingham

- Carl Gallegos, Walter Knausenberger. The USAID Africa Bureau Environmental Guidelines for Small-Scale Activities in Africa – An Overview and Tour of Sector-Specific Materials on CD-Rom
- Roundtable: How do we improve the development *and* <u>implementation</u> of mitigation, monitoring and best management practice through environmental management plans? (David Kinyua, Wes Fisher)
- Charmaine Gomes. Assessing Caribbean sustainability processes and advocating strategies for sustainable development: preliminary assessment of the capacity of non-governmental and community based organizations for sustainable development

#### 4.4 SIA: Improving Capacity in the SIA Profession (Emeraude) Leader: Frank Vanclay

#### Chair: Rabel Burdge

- Flora Hajdu. Adjusting social assessment practices to the local context: presenting a hybrid method with three effective approaches
- José Manuel Palma-Oliveira, Dalila Antunes, Rui Gaspar de Carvalho, Sibila Marques, André Mata, Sérgio Moreira. Measuring objectively the subjective: towards an integrated methodology of psychosocial impact assessment
- Nick Taylor, Wayne McClintock, Heather McCrostie Little. Assessing the social impacts of irrigation: a framework based on New Zealand cases

#### 5.4 Health Impact Assessment: Methods and Tools (Shalimar) Leader: Lea den Broeder

- Louise Thornley, Jennifer Dixon, Martin Ward. Policy tools for health impact assessment: a report on a New Zealand initiative
- Martin Birley. On the integration and appraisal of health impacts
- Robert Quigley, Lorraine Taylor. Findings from mapping and reviewing HIA rapid appraisal and screening toolkits
- Lorraine Taylor, Robert Quigley. Influencing HIA practice: experiences from England
- (Jacob) Lennert Veerman, Jan J. Berendregt, Johan P. Mackenbach. A framework for quantitative health impact assessment

## 6.4a EIA in Capacity Building in Low- and Middle-Income Countries: Methods and Process (AI Borj 1)

#### Leader: Virginia Alzina

- Ahmed G. Abul-Azm, M.F. Abdel Moniem, T. Hamdy. Capacity Building for EIA on the government level in Egypt: lessons learnt
- Mary Ellen MacCallum, Nguyen Khac Kinh. EIA in Vietnam: a national perspective on  $\ensuremath{\operatorname{EIA}}$
- Brent Doberstein: EIA models and capacity building in Viet Nam: a comparison of development aid programs
- Clive George, Rachid Nafti, Sherif Arif. The METAP institutional strengthening programme for EIA in North Africa, the Middle East and the Mediterranean Region

### 6.4b EIA for Sector and Infrastructure Projects in Low- and Middle-Income Countries (Al Borj 2)

Leader: Lee Wilson

- Laila Berrada. Reseau national de la surveillance de la qualite des resources en eau Laila Oulkacha, Abelhamid Ben Abdelfadel. Problematique de la gestion de l'eau au Maroc
- Abdelhak Kabbabi, M'hamed Kaab. Contrôle de la Qualité des Eaux de puits avoisinant les unités d'enrichissement du phosphate à Youssoufia et approche de l'impact sur les eaux souterraines
- Adeolu Ojo. Drawing a line between environmental degradation and preservation: perspectives to dredging

#### 8.4 Impact Assessment in Urban and Infrastructure Development. Rôle de EA dans le processus de planification du developpement urbaine (Al Borj 3) Leader: Peter Schubeler

- Jean-Luc Guibault, Najia Fatine. L'intégration de la demarche d'évaluation environnementale dans le processus de planification, de realization et d'exploitation des projets d'alimentation en eau potable et d'assainissement de l'Office National de l'Eau Potable du Maroc: bilan et perspectives d'avenir
- Abdelmajid Tribak. L'évaluation environnementale stratégique dans la planification urbaine et territoriale au Maroc
- Joseph Sylla, Mamadouba Sylla. Etude d'impact sur l'environnement du projet de traitement des eaux useés de la cité industrielle de Kamsar

### **12.1 Innovations in EA Research and EA Systems in Countries in Transition** (Al Borj 5)

#### Leader: Aleg Cherp

- Eskild Holm Nielson, Lone Koernoev, Per Christensen. Are screening processes an effective instrument and what are the environmental benefits?
- Mat Cashmore. The role of science in environmental impact assessment: process and procedure versus purpose in the development of theory
- Olavi Hiiemäe. Land management strategies to reduce the land abandonment and to promote sustainable agriculture development in Estonia
- Marina Khotouleva, Svetlana Goloubeva. Environmental assessment in the Russian Federation: strengthening the system through a comprehensive review

#### **13.4 Public Participation** (Amethyste) Leaders: Pierre André, Bert Enserink

Réal Courcelles, René Dion. Building capacity within the framework of an environmental and social impact assessment study for a hydroelectric development in Northern Quebec-Canada

Serah W. Kiragu. Capacity building for community participation in EIA in Kenya

- Richard A. Grassetti. Capacity building for the public: developing a citizen's guide to impact assessment
- J. Ngubane, R.D. Diab. Towards a tourism development plan for Maputaland, South Africa: public participation and capacity building process
- Oritsetimeyin J. Dada, Oluyemisi A. Elegbeleye, Ikechukwu C. Okoro. The evolution of EIA consultation in the Niger Delta

#### 14.1 International Law (Source)

#### Leader: Jose-Luis Salazar Manez

Jennifer Dixon, Nicola Luxton. Effecting principles: a review of principles of cumulative effects assessment derived from case law in New Zealand

- Alexander Chambi. Environmental legislation
- Emmanuel Kasimbazi. Environmental assessment and its application in the environmental legal framework in Uganda
- Jan Jaap de Boer. Redesigning the European EIA Directive
- Lone Koernoev, Eskild Holm Nielson, Per Christensen. Securing a Holistic Approach to the Environment within EIA regulations
- Zlatina Loudjeva. Poverty and Social Impact Analysis (PSIA) of proposed land reform in Zambia

## 15.1 IA Follow-up Workshop: IA Follow-Up - Learning by Doing (Al Boyj 4)

Leaders: Jos Arts, Angus Morrison-Saunders

#### William A. Ross. The real principles of EIA follow-up

Angus Morrison-Saunders, Shane Waldeck. Follow-up on the utility of EIA guidance documents

Thomas Fischer. Policy assessment follow-up: some lessons from Europe

## THURSDAY 19 JUNE

3:00 - 4:15

#### 1.5 SEA: Conclusions (Diamant)

Leader: Thomas Fischer

Conclusions of previous sessions by rapporteurs

#### **10.4 Roundtable:** SEA/SIA in Development Cooperation (providing input to the OECD; DAC Task Group on SEA/SIA) (Bridge)

(will continue to 6:00 p.m.)

#### Leader: Jon Hobbs

Facilitator: Barry Dalal-Clayton

Key Contributors include Jean-Paul Penrose (DFID: West and North Africa), Jan-Peter Schemmel (GTZ), David Howlett (DFID/UNDP Tanzania) Raphael Mwalyosi (IRA, Dar), J. Warren Evans (ADB), David Hanrahan (World Bank), Jean-Roger Mercier (World Bank), Stephanie Hodge (UNDP), Peter Croal (SAIEA), Peter Nelson (UK/ Ghana), Alex Weaver (CSIR, SA), Zoe Wildig (DFID, UK), Clive George (UM, UK).

#### 2.5 Biodiversity and Ecology (Jade)

#### Leader: Helen Byron

Discussion: IAIA project on capacity building for biodiversity in impact assessment – introduction to this exciting project and initial discussion about the potential work programme

## 3.5 Training of Trainers in IA for Small-Scale Activities (Rubis)

#### Leaders: Wes Fisher, Charlotte Bingham

Tito Joel Kodiaga. Community based environmental impact assessment; solution to mitigating impacts of community driven development (CDD) projects

Weston A. Fisher. Training of trainers in impact assessment for small-scale activities Roundtable: How do we improve and expand the training of trainers in IA for small-scale

activities? (Tito Joel, Charlotte Bingham, Wes Fisher)

#### **4.5 SIA: Improving In-House Capacity Within Sector Groups** (Emerande)

Leader: Frank Vanclay

Chair: Nick Taylor

Rabel Burdge. Mixing immigrant farm workers with middle class Europeans: a social impact assessment of low-income housing in urban neighborhoods

- José Manuel Palma-Oliveria, Dalila Antunes, Rui Gaspar de Carvalho, Sibila Marques, André Mata, Sérgio Moreira. A new road to despair: test of the psychosocial impact of a highway construction
- Jo Ann Beckwith, Eric Cline. Social impact of a constructed wetland: a case study of the Tollgate Wetland

#### 5.5 Health Impact Assessment. Workshop: Sakhalin Energy (Integrating Health and Social Assessment) (Shalimar) Leader: Martin Birley

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Paul Boelens, Judy Balint, Mark DeBello. Sakhalin Energy HIA: strategic health management in motionPandora Snethkamp. Sakhalin Energy SIA

#### 6.5a EIA in Capacity Building in Low- and Middle-Income Countries: Methods and Process (Al Borj 1)

Leader: Virginia Alzina

- Chaïbou Mamane. La formation-action comme approche pédagogique adaptée au renforcement des capacités en évaluation environnementale dans les pays africains : expérience du Centre de Formation Continue (CEFOC/EIER-ETSHER) de Ouagadougou
- Samuel Yonkeu, Hama Amadou Maiga, Chaïbou, Théophile Gnagne. Renforcement des capacités évaluation environnementale en Afrique francophone de l'Ouest et Centrale : besoins, différentes approches et possibilités de réponses
- Koassi d'Almeida, Jean-Pierre Revéret. Endogénéité et capacitation dans le domaine de l'évaluation environnementale en afrique subsaharienne

#### 6.5b EIA for Sector and Infrastructure Projects in Low- and Middle-Income Countries (Al Borj 2) Leader: Lee Wilson

- Silvia Shardonofsky, Christian Back, Pierre Gosselin. Mitigation of the social, health and environmental impacts from the Itaipú Binational dam-Paraguay
- Garrick Louis, Ali Bouabid. Risk analysis for capacity development in low-income communities
- Garrick Louis. Evolutionary systems for municipal sanitation services in low-income communities

#### 8.5 Impact Assessment in Urban and Infrastructure Development. Capacity Building for Urban Development (Al Borj 3)

#### Leader: Peter Schubeler

Jaroslav Machácek. Urban issues and assessment capacity building

- Peter Schubeler. Municipal Support Programme in Serbia: demand-driven capacity development in a transitional setting
- F. Larry Leistritz, Nancy M. Hodur, Dean A. Bangsund. Estimating the contribution of the FARGODOME to the area economy
- Mary-Jane Morris, Sadia Chand, Stephen Granger, Sheryl Ozinsky. Putting sustainability into action: developing a sustainable tourism legacy project linked to the World Summit on Sustainable Development

## **9.3 Linking Impact Assessment and Management Tools** (Opale)

#### Leader: William Sheate

- John Keith, Said Ouattar. Strategic planning, impact assessment, and technical aid: the Souss-Massa Integrated Water Management project
- Frank Vanclay. Is triple bottom line the end or the beginning of (social) impact assessment?
- Gábor Szarvas. Corporate environmental management tools at Hungarian local governments
- J. Ivan Scrase, William R. Sheate. The co-evolution of assessment procedures for flood defence in England and Wales

Report back from rapporteurs, overall workshop discussion and conclusions

#### 12.2 The Role of IAIA in Building EA Capacity for and through Research (Al Borj 5) Leader: Richard Morgan

Discussion session

22 • IAIA'03 Final Program

#### 13.5 Public Participation (Amethyste)

#### Leaders: Pierre André, Bert Enserink

Jacques Tremblay. Les outils de communication et d'analyse au service de la participation publique

Alain Cloutier. Les fruits de la participation du public dans les processus de decision Mariëlle de Sain, Margriet Hartman. Theory vs. practice in implementation of Aarhus

Convention: environmental information, education and public awareness in Eastern and Central Europe

Kouassivi Bougonou Djeri-Alassani. Participation du public dans les processus d'Evaluation Environnementale dans certains pays d l'UEMOA

**Notes** 

#### 14.2 International Law (Source)

#### Leader: Jose-Luis Salazar-Manez

Pieter W. G. Bots, Robin R. Seijdel. Supporting impact assessment in urban regeneration processes.

Kuang-Huei Huang. The implementation of EIA regulations in Taiwan during this decade Zsombor Kovácsy, Krisztian Orbán. Regulatory impact analysis – a comprehensive approach

Brahim Sall. Mise en oevre des conventions internationals environnementales : impacts sur la gestion des resources naturelles (forstières) en Mauritanie

## 15.2 IA Follow-up Workshop: IA Follow-Up - Learning by Doing (Al Boij 4)

Leaders: Jos Arts, Angus Morrison-Saunders

Ross Marshall. Rogues or Saints? Seven good reasons for proponents to participate in EIA follow-up

José Manuel Palma-Oliveira, Ana Sofia Correia dos Santos, Luísa Lima, Sibila Marques. Living near the fire: psychosocial monitoring of a solid waste incinerator

Jos Arts, Angus Morrison-Saunders, Jill Baker. What makes follow-up successful? The role of context factors and stakeholders

#### 16.1 IA of Trade (Al Borj 6)

Leaders: Clive George, Bernice Goldsmith

- Aleg Cherp. Environmental impacts of economic liberalization: a case of the Russian Federation
- Jaye Shuttleworth, Thomas A. Gillmore. Canada's strategic environmental assessment of trade negotiations

Clive George, Colin Kirkpatrick. The European Union's sustainability impact assessments of WTO trade negotiations

Jacques Serrure. Practical experiences of sustainability impact assessments of trade

Bernice Goldsmith. Barriers to civil society's involvement in environmental assessments of trade agreements

## Annual General Meeting (AGM) Agenda

Wednesday 18 June • 3:15 p.m. - 4:45 p.m. • Cristal

This is the annual business meeting of the Association. All IAIA members are encouraged to attend.

- 1. Welcome and introduction of current Officers, Directors, and Council members.
- 2. Review of agenda and approval of 2002 AGM minutes.
- 3. Announcement of election results with introduction of new Officers and Directors.
- 4. President: Progress to date and future directions. (Peter Leonard)
- 5. Secretary: Summary of major activities (William Veerkamp).
- 6. Treasurer: Financial statement. (William Jones)
- 7. Reports of Committee chairs. (as available)
- 8. Reports of Section chairs. (as available)
- 9. Report on the Washington Area Branch.
- 10. Written submissions to the AGM.
- 11. Open discussion on matters raised by members.
- 12. Close of the meeting.

# TECH VISIT/ABOUT IAIA&THE MINISTRY

## **ABOUT IAIA**

The **International Association for Impact Assessment** was organized in 1980 to bring together researchers, practitioners, and users of various types of impact assessment from all over the world.

IAIA members number over 2,500 and reside in over 100 countries. IAIA activities are carried out locally and regionally through its extensive network of Affiliates and Branches.

**IAIA's Vision:** IAIA is the leading global authority on best practice in the use of impact assessment for informed decision making regarding policies, programs, plans, and projects.

**IAIA's Mission:** IAIA provides an international forum for advancing innovation and communication of best practice in all forms of impact assessment to further the development of local, regional, and global capacity in impact assessment.

**IAIA's Values:** IAIA promotes the application of integrated and participatory approaches to impact assessment, conducted to the highest professional standards.

IAIA believes the assessment of the environmental, social, economic, cultural, and health implications for proposals to be a critical contribution to sound decision-making processes, and to equitable and sustainable development.

## ABOUT THE MINISTRY OF LAND USE PLANNING, WATER AND ENVIRONMENT

The **Ministry of Land Use Planning, Water and Environment** is entrusted with the mission of working out and implementing the Moroccan government's policy in terms of land planning, water and environment management.

Its task is to organize, give rise to, promote, coordinate and follow up, along with the concerned ministerial departments and subject to the competence devolved to the other departments and organisms by virtue of the legislation and regulations in force, the government's actions as regards environmental management. To this end, the Ministry's activities include, but are not limited to

- contributing to the protection of natural resources to avoid any form of waste or degradation liable to jeopardize sustainable development
- setting up the appropriate instruments of continuous monitoring of the state of the environment
- carrying out impact assessments and giving advice on the development projects having consequences on the environment
- preventing and fighting all forms of pollution and nuisances likely to harm the population's health
- improving the living environment and conditions of populations within human settlements, be they rural or urban
- integrating the environmental dimension into the development programs, especially those concerned with education, training, research and information
- developing all activities concerned with regional and international cooperation in terms of environmental management
- promoting cooperation with non-governmental international organizations, with national associative institutions and with local communities

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### SPECIAL TECHNICAL VISIT (20 June, 2:30 - 8:00 p.m.) Phosphate Site in Benguerir

The phosphate site of Benguerir, 70 km from Marrakech, is one of four phosphate centres of the Office Chereifien des Phosphates Group (OCP).

Opened in 1980, the site has an annual production capacity of around four million tons of crude phosphate. Extraction is done via open cast mining by a working staff of about one thousand employees.

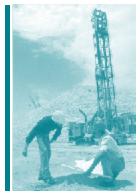
Taking into account a strong culture of quality approach and environmental care, the OCP area of Cantour, which includes Benguier, is developing partnerships with the Department of Waters and Forest (planting about 400,000 trees per year) and with universities (valorisation of non-merchant grade of phosphates, water processing station).

The Benguerir site is also taking the Total Production Maintenance (TPM) approach. In 2002, it was awarded the Excellency Price/First Category delivered by the Japanese Institute of Plan Maintenance (JIPM).

OCP offers this special site visit for IAIA'03 delegates.

The visit is free of charge to delegates, but registration is required by 18 June and is limited to the first 150 participants. Transportation and on-site reception are included. See the sign-up sheet in the registration area.

2:30 p.m. Depart from PGP 4:00 p.m. Welcome at phosphate site in Benquerir Presentation of the site Visit of production units 6:00 p.m. Cocktail 7:00 p.m. Depart for Marrakech





## Social Events

Enjoy starry Moroccan nights with breezes rustling the palms. Experience local dining, beaches, shopping, music, art and architecture, the outdoors and more.

Treat your spouse and get to know your colleagues in a fun, relaxed atmosphere!







#### **Accompanying Persons**

All family members of registered delegates are welcome to visit the exhibitions and register for all social events and tours.

## **IAIA Opening Reception**

Renew your friendships from last year, meet new colleagues, and unwind after your journey. Enjoy beverages and snacks on the grounds of the stunning Palmeraie Golf Palace and Resort.

Hosted by the Ministry of Land Use Planning, Water and Environment.

**Date** Monday, June 16 **♦ Time** 8:00 p.m. **♦ Location** by the pool

## IAIA Gala Dinner at Soirée Chez Ali

At a typical Moroccan party in a wonderful surrounding, savor a delicious dinner while experiencing Moroccan folklore through unique entertainment including musicians and singers, belly dancers, a camel caravan, Arabian horses, and (of course) a magic carpet.

Hosted by the Ministry of Land Use Planning, Water and Environment.

**Date** Thursday, June 19 **♦ Time** 8:30 p.m. **♦ Location** Chez Ali **♦ Transportation** provided; details to be posted

# Palmeraie Golf Palace & Resort

For casual get-togethers after a long day of sessions, or activities for spouses or family, the PGP has an 18-hole golf course, mini golf, billiards, clay tennis courts, bowling, squash, horseback riding, fitness center, full service spa, 5 swimming pools and more. Resort staff will be happy to help plan activities!

## Tours > > > >>>>

Participants at the congress can discover the city of Marrakech, its surroundings and other Moroccan cities.

Included in the price: transportation by bus, housing in hotels with continental breakfast, guided tours of the cities and monuments, TVA, taxes and services.

Tours are conducted in English and French. Meals are included; beverages may be extra.

Tours have a minimum of 5 participants and are exclusive to IAIA delegates.

Participants must pay 50% of the fee for cancelling 24 hours prior to departure. No refunds will be issued for cancellations after the settled departure time.

Participants may register at any time up to a minimum of 48 hours prior to your preferred departure date. See the Habti Voyage Travel Agency desk at the conference.

Contact Information **Mr. El Habib LAAMARI Habti Voyage** <u>elaamari@hotmail</u> or <u>habtivoyage@iam.net.ma</u> Phone: + 212 44 43 12 50 / 44 43 21 04 Fax: + 212 44 43 16 97

## **Dinner in a Ryad**

Attend a society party in a Moroccan palace offering a sumptuous dinner, with entertainment provided by an orchestra playing oriental music. Located in the new Jamaa el Fna in an alley in the Medina.

Reserve a minimum of 48 hours in advance with Habti Voyage Travel.

Price US\$40

## **Post-Conference Tours & Spouse Activities**



### Visit Marrakech

**Option #1.** Founded by the Almoravides and well known for the length of its ramparts - 19 kilometers - the visit of the city starts by Saadiens Tombs, a 16th century mausoleum holding several members of the Saadienne Dynasty.

Following a tour of El Bahia Palace, known for its architecture and gardens where many Moroccan artists display their art, see the Dar si Said Museum showing renowned Islamic art as well as jewelry, carpets, and arms. Finally, visit the "souks" and the "medina" (a World Heritage Site) to shop and admire Moroccan crafts, the Medersa Ben Youssef (16th-century Koranic school) and the famous Jamaa El Fna town square.

**Option #2.** Although Marrakech is famous for its rose-red walls made from the pink sand of the region, the city is also well known for its beautiful flower gardens and green spaces with their wide variety of tree species. A visit to Jardins de Majorelle is a perfect opportunity to discover and admire the wonderful marriage of colors and perfumes of flowers, fountains and alleys. These gardens, just renovated by Yves Saint Laurent, also have an Islamic art museum. Finally, an invitation to a Moroccan palace, with the opportunity to savor tea and Moroccan pastries, will offer you a tremendous demonstration of the art of painting and makeup using henna and an exposition of traditional Moroccan womens' customs and carpets. **Price** US\$20

**Asni Ouirgane.** From a height of 1150 meters, you will discover the beauty of the lush valley of Asni, near Jbel Toubkal, the highest mountain of North Africa. Two rivers join to form the Asit Reraia Valley, planted with olive trees. Near the river, a traditional Berber village offers several curiosities, such as the "saline village" and pedestrian walks. A road trip in a 4x4 vehicle, a visit to the weekly souk, the ruins of Tin Mal, and lunch are included. ◆ **Price** US\$50

**Ourika.** Located near Toubkal, 45 kilometers from Marrakech, is the Ourika Valley, the most beautiful and lush valley of the Atlas, with its groves of walnut and fig trees and picturesque villages. At Sitte Fatma, a popular camping spot, have lunch and see the seven waterfalls. Also included is a visit to an experimental botanical garden and potters' village. **♦ Price** USS30

Essaouira. Founded in 1760 by the Sultan Sidi Mohamed Ben Abdellah, Essaouira is a city you will fall in love with. A Frenchman, Theodore Cornut, designed the architecture of the city that gave Essaouira a European character with a Moroccan influence. The ramparts divide the old city in several picturesque areas: two Kasbahs, one Medina. Situated near the Atlantic Ocean. Essaouira, a pleasant swimming station. offers a temperate climate. and a beautiful beach with fine sand. You will discover many areas of woodcrafts while walking in the streets of this city and will enjoy a lunch based on a village specialty: fish. **Price** US\$45







## Marrakech > Casablanca > Rabat

**Day 1:** Depart at 8:00 a.m. for Casablanca via Settat. Guided tour in Casablanca: the avenue of the corniche, visit of the mosque Hassan II, the place of the United Nations, the place Mohamed V, lunch in a restaurant. Afternoon: going to Rabat. Dinner and housing in 4-star hotel.

**Day 2:** After breakfast, visit of the city: the Méchouar (royal palace), the Kasbah of Chellah, the Hassan Tower, the Kasbah of Oudayas and the mausoleum of Mohamed V. Return to Marrakech for lunch in a Moroccan restaurant. **Price** US\$155

## Marrakech > Fès > Beni Mellal

**Day 1:** Depart Marrakech via Casablanca and Rabat. Lunch on the way. Arrive at Fès and check into a 4-star hotel. During the afternoon, visit Fès El Bali, the Medersa of Karaouines, the different arts and crafts showcase, the Méchouar of the Royal Palace, the Mellah, Fes El Jedid, the museum, Bad Boujloud and the ruins of Merinides where you will enjoy a beautiful panoramic view of the Medina. Dinner and evening at the hotel.

**Day 2:** From Beni Mellah visit Ain Asserdoum, crossing the Atlas mountains via Ifrane, Azrou, and Khenifra. Lunch at a restaurant. During the afternoon, continuation in Marrakech. **Price** US\$190

## Marrakech > Ouarzazate > Gorges of Todgha

**Day 1:** Depart from Marrakech early in the morning for Tizi N'tichZa, the highest road passage in Morocco (2260 m). Discover the most beautiful land-scape of the Atlas Mountains, and then go to Ourzazate. Here you will visit the kasbah of Tourirt and have lunch. During the afternoon, visit the Valley of the Roses and spend a night in the Gorges of Todgha, located between two cliffs.

**Day 2:** After breakfast, drive from Ourzazate to Ait Ben Haddou, one of the most famous Ksar of the Moroccan south, where you will have lunch and then return to Marrakech. **Price** US\$155

### Marrakech > Essaouira > Agadir

**Day 1:** Depart Marrakech for Essaouira (175 kilometers), previously an ancient Portuguese fortress. Visit the city and the area of the arts and crafts. Enjoy lunch in a restaurant where and savor the specialty of Essaouira: the fish. Afternoon, depart for Agadir and spend the night in a hotel.

**Day 2:** Visit the city after breakfast and return to Marrakech via Chichaoua after lunch. **Price** US\$190

## Marrakech > Ouarzazate > Zagora

**Day 1:** Travel Marrakech-Tinghir-Gorges de Todgha. After breakfast, depart for Ouarzazate via the pass of Tizi Ntichka where the contrast is really amazing between the North side (relatively humid) and the South side (pretty dry) of Mount Atlas. At Ouarzazate, visit the internationally famous movie studio and visit the Kasbah of Taourit. Lunch in a restaurant at Ouarzazate. Afternoon, depart to Zagora, passing by the Draâ Valley. Once there, ride camels for 1-1/2 hours to a bivouac, where nomads will be waiting with mint tea and a Moroccan tajine. Night under a Touareg tent.

**Day 2:** Very early in the morning, contemplate a beautiful sunrise while enjoying breakfast. Return to Zagora with the camels and then to Marrakech via the Kasbah of Aït Ben Haddou. **◆ Price** US\$165

### **Dunes of Merzouga**

**Day 1:** Travel Marrakech-Tinghir-Gorges de Todgha. After breakfast, depart for Ouarzazate via the pass of Tizi Ntichka where the contrast is really amazing between the North side (relatively humid) and the South side (pretty dry) of Mount Atlas. Lunch at Ouarzazate, and depart for the Gorges of Todgha by kelâa M'Gouna, continuing on to the Valley of Roses. Tour the Gorges followed by dinner and night and Yasmina Hotel.

**Day 2:** After breakfast, depart for Merzouga via Rissani, continuing to the Dunes of Merzouga, which have an amazing color at sunsert. Dinner and night in a nomad tent.

**Day 3:** Depart from Marrakech via Tinghir-Boumalne de Dadès with lunch on the way. Return to Marrakech in the afternoon via Ouarzazate, over the pass of Tizi Ntichka. **Price** US\$280

# **OPPORTUNITIES TO PARTICIPATE/GENERAL INFORMATION**

**Technical Visits.** Technical visits on Monday, 16 June, will depart from the PGP. You must be pre-registered and pre-paid to participate. Please check in at the registration desk 15 minutes prior to the departure time for your visit.

**Opening Reception.** Join your colleagues for a welcome to IAIA'03 reception on Monday, 16 June, at 7:00 p.m. on the grounds of the PGP.

**Committees and Sections.** Much of IAIA's progress takes place through the activities of the Committees and Sections. All delegates are invited to join the Committee and Section meetings; see the daily schedule for group meeting times and places.

**Annual General Meeting.** The AGM is the annual business meeting of the Association. All IAIA members are encouraged to attend this meeting, as it presents a unique opportunity for interaction regarding the corporate and professional directions of the Association.

**Council Meeting.** The IAIA Council is distinct from but includes the Board of Directors. It is an advisory resource to the Board whose members are comprised of the Board, all Committee chairs, representative(s) of Branches and Language Secretariat(s), the CEO and Headquarters representatives. All IAIA members are welcome to attend the Council meeting.

**Poster Session and Reception.** Ask questions and interact with the poster authors during this time dedicated to poster viewing. The best poster of IAIA'03 and best IAPA paper of the year awards are also presented during this session. Refreshments provided courtesy of the Asian Development Bank.

**Conference Dinner.** Chez Ali... has to be seen to be believed. Network and relax after a busy week as the Ministry of Land Use Planning, Water and Environment treats you to an evening you will never forget. Thursday, June 19, 8:30 p.m. Transportation from and to PGP is provided. Details will be posted in the registration area.

**Location of Activities.** All conference activities will take place at the PGP unless otherwise noted. The address is Les Jardines de la Palmeraie - Circuit de la Palmeraie, B.P. 1488, Marrakech, Morocco. www.pgp.co.ma.

**Display Table.** A table is provided for IAIA members to display information, distribute conference papers, or announce/distribute non-commercial items.

**Book Share.** Check the book share table -donate a book, or take a book if you find one that might not be readily available back home.

**Registration and Fees.** All conference participants, including delegates, session chairs, invited speakers, organizers, exhibitors, and paper and poster presenters, are required to register for the conference at the full or student registration fee.

Full and student registration fees entitle delegates to attendance at all sessions, coffee breaks, opening reception, participants list, delegate packet, abstracts volume, conference proceedings (as available), and special events, unless an additional fee is noted. Lunches are on your own. The PGP has a lunch buffet (29 Euros) available; meals may be charged to your PGP guest room or paid for at the time of purchase.

**Language Used.** English is the primary language used at IAIA conferences. Translation services will be provided as practical, but most sessions will be held in English unless otherwise stated.

**Payment and Refund Policies.** Fees are accepted by check or money order made payable to "IAIA" in Dirhams or USS drawn on a US bank. MasterCard and Visa are also accepted. Registration confirmations and receipts are issued by mail. Official receipts for on-site registrants will be issued by mail after the conference.

IAIA refunds registration fees upon written request received before 1 April 2003. A US\$50 processing fee is retained. After 1 April, no refunds are issued for cancellations or no-shows. Substitutions may be made in writing without penalty. Refunds will be issued after the conference.

Name Badges. All conference participants, including speakers and exhibitors, receive a name badge at check-in. The badge is your official pass and must be worn to obtain entry to activities.

**Participants List.** A list of pre-registered participants is provided in the delegate packets.

**Booths.** Booths may be set up from 1:00 -5:00 p.m. on Monday, June 16. Check at the registration desk for location. Booths shoud be dismantled from 4:40 - 6:30 p.m. on Thursday, June 19. IAIA, the conference organizers, and the PGP are not responsible for materials, or materials left after 6:30 p.m. on 19 June.

#### **Business Service and Presentation**

**Equipment.** Presenters are responsible for supplying their own session or poster materials. Because of the high rental costs which would necessarily be passed on to all delegates in the form of higher registration fees, IAIA does not provide copying, printing, computers or other business services on-site. Business services are available to delegates at the Palmeraie for a fee.

Overhead transparency projectors and screens are provided in each concurrent session meeting room at no charge to presenters. Presenters are responsible for arranging and paying in advance for any other equipment needed for their presentations, again due to high rental costs which IAIA prefers not to pass on to all delegates in the form of higher registration fees.

#### Note to Presenters and Attendees.

Discussants and individuals presenting papers should arrive at their sessions 5-10 minutes early to allow time to meet the session chair, prepare overheads, etc. As a courtesy to others in the session, paper presenters, discussants and attendees are asked to attend all papers in the session.

**Poster Presenters.** Poster panels are set up and assigned to each poster presenter. Check at the registration desk for the location. Posters may be put up from 1:00 -5:00 p.m. on Monday, June 16. You are responsible for providing any materials needed to put your poster in place. Posters shoud be taken down from 4:40 - 6:30 p.m. on Thursday, June 19. IAIA, the conference organizers, and the PGP are not responsible for materials, or materials left after 6:30 p.m. on 19 June. The poster session is scheduled from 6:00 - 7:00 p.m. on 17 June.

**Conference Papers and Proceedings.** The abstracts volume is included in the delegate packets and is posted on the IAIA web site. Whether to publish full papers and/or proceedings is the option of the volunteer organizing committee and is dependent on the resources available to them. Information on submission of full papers and the possibility of publication will be provided to delegates as it becomes available.

**Safety.** As in all major cities, practice common-sense safety precautions. Avoid carrying large amounts of cash or valuables. Be aware of your surroundings; go out in groups whenever possible and keep track of your belongings, in particular at airports, public transportation stations, and crowded areas such as the medina.



## **EARTH SPONSORS**

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**Ministry of Land Use Planning**, Water and Environment KINGDOM OF MOROCCO

## World Bank



IAIA gratefully acknowledges these companies and organizations for their financial and in-kind support of IAIA'03

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**Nestle Maroc** 

# IAIA'03 EVALUATION

### **GENERAL**

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\*\*\*\*\*\*\*\*

1a. How many IAIA annual conferences have you attended in the past? \_\_\_\_\_

1b.	How likely is it that you would attend a meeting in the following locations? Africa Asia Australia Europe North America South America Other:	Very likely [ ] [ ] [ ] [ ] [ ] [ ]	Somewhat likely [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	Not likely [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
1c.	What factors determine whether you attend an IAIA conference? Theme	Please rank 1	-7  with  1 =  most in	nportant

Theme	
Location	
Availability of funding	
Networking opportunities	
Date of conference	
Active participation (i.e., present paper/poster, chair a session, etc.)	
Other:	

### **PROGRAM**

		Very good	Good	Neutral	Poor	Very poor 1	Not applicable
2a.	Overall program	[]	[]	[]	[]	[]	[]
2b.	Workshops/sessions	[]	[]	[]	[]	[]	[]
2c.	Presented papers	[]	[]	[]	[]	[]	[]
2d.	Plenaries	[]	[]	[]	[]	[]	[]
2e.	Scope/appropriateness of conference theme	[]	[]	[]	[]	[]	[]
2f.	Development of conference theme	[]	[]	[]	[]	[]	[]
2g.	Pre-conference workshops	[]	[]	[]	[]	[]	[]
2h.	Technical visits	[]	[]	[]	[]	[]	[]
2i.	Poster session	[]	[]	[]	[]	[]	[]
2j.	Social events	[]	[]	[]	[]	[]	[]

## **TIME ALLOCATION**

		Not enough	Adequate	Too much
3a.	Entire conference	[]	[]	[]
3b.	Each workshop	[]	[]	[]
3c.	Paper sessions	[]	[]	[]
3d.	Poster session	[]	[]	[]

## **FUTURE MEETINGS**

		Fewer	No change	More
4a.	Workshops	[]	[]	[]
4b.	Paper sessions	[]	[]	[]
4c.	Poster session	[]	[]	[]
<b>4d</b> .	Plenaries	[]	[]	[]
4e.	Training courses	[]	[]	[]
4f.	Technical visits	[]	[]	[]

4g. What themes or topics would you like to see addressed at future conferences?

4h. Suggestions for plenary session topics at IAIA'04:

4i. Suggestions for training courses at IAIA'04 and beyond:

# **IAIA'03 EVALUATION**

## **ARRANGEMENTS**

		Very good	Good	Neutral	Poor	Very poor	Not applicable
5a.	Meeting rooms	[]	[]	[]	[]	[]	[]
5b.	Conference venue in general	[]	[]	[]	[]	[]	[]
5c.	Coffee breaks	[]	[]	[]	[]	[]	[]
5e.	Receptions	[]	[]	[]	[]	[]	[]
5f.	Gala dinner	[]	[]	[]	[]	[]	[]

...........

## REGISTRATION

6a.	How did you learn about IAIA'03?	[ ] [ ] [ ] [ ]	IAIA information (Call for Papers, Newsletter, etc.) Friend/colleague Internet Special flyers/mailings Other
6b.	Was the IAIA'03 registration form clear and understandable?	[] []	Yes No-suggestions?
6c.	Was promotion of IAIA'03 adequate and timely?	[] []	Yes No-suggestions?

## **PROGRAM**

		Very good	Good	Neutral	Poor	Very poor
7a.	Preliminary program	ĨĴ	[]	[]	[]	ĺ Ĵ
7b.	Headquarters staff helpfulness before meeting	[]	[]	[]	[]	[]
7c.	Program/Local Committee helpfulness before meeting	[]	[]	[]	[]	[]
7d.	Staff/volunteer helpfulness during meeting	[]	[]	[]	[]	[]
7e.	Efficiency of registration process	[]	[]	[]	[]	[]
7f.	Delegate packet	[]	[]	[]	[]	[]
7g.	Final program	[]	[]	[]	[]	[]
7h.	Technical visits	[]	[]	[]	[]	[]

## **PARTICIPATION**

Have the following components of IAIA'03 provided you with adequate opportunity for input into the overall operation of IAIA?					
		Yes	Somewhat	No	Not applicable
8a.	Committee meetings	[]	[]	[]	[]
<b>8</b> b.	Section meetings	[]	[]	[]	[]
8c.	Annual General Meeting (AGM)	[]	[]	[]	[]
8d.	Face-to-face feedback	[]	[]	[]	[]

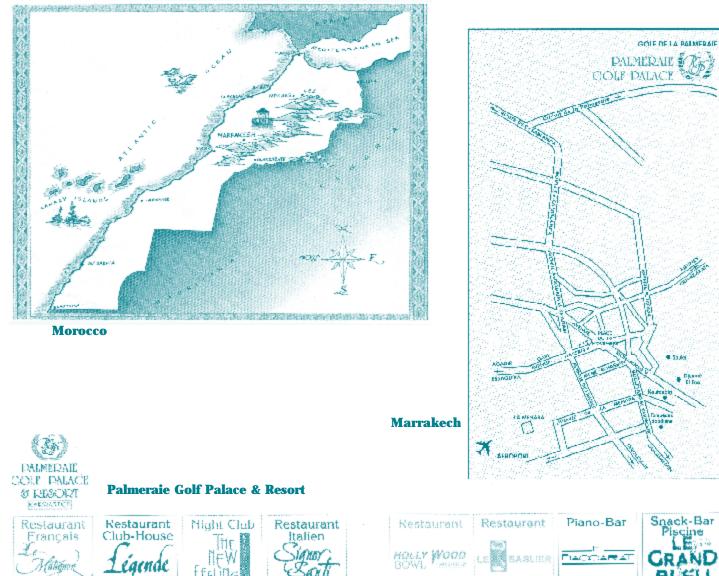
## **COMMENTS**

Please leave this form in the box provided at the registration area, or return to IAIA Headquarters, 1330 23rd Street South, Suite C, Fargo, ND 58103 USA. Fax + 1 701 297 7917.

## **THANK YOU!**

Your input helps improve the format and content of future meetings!







17-20 June 2003 + Marrakech. Morocco

IAIA'03 Final Program + 31



#### International Association for Impact Assessment

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## **IAIA'04**

26-29 April 2004 Vancouver, British Columbia, Canada

Watch the IAIA web site for information!

This document was printed with funds from the Canadian Federal Government and GTZ. IAIA'03: this year's one and only international, interdisciplinary conference dedicated to advancing the art and science of impact assessment!

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## IAIA'03 At-A-Glance

Tuesday, 10 June-Saturday, 14 June
Francophone Secretariat Summer School All Day
Saturday, 14 June
Training Courses All Day
World Bank Day All Day
Sunday, 15 June
Training Course All Day
Practitioners' Forum Plenary All Day
Capacity Building in Africa All Day
Monday, 16 June
Technical Visits All Day
Opening Reception Evening
Tuesday, 17 June
Plenaries, Concurrent Sessions All Day
Practitioners' Forum Afternoon
Poster Session and Exhibitions Evening
Wednesday, 18 June
Plenaries, IAIA AGM, Concurrent Sessions All Day
Practitioners' Forum Afternoon
IAIA Committee Meetings Afternoon
Thursday, 19 June
Plenaries, Concurrent Session All Day
Practitioners' Forum Afternoon
IAIA Section Meetings Afternoon
Gala Dinner Evening
Friday, 20 June
Awards Ceremony Morning
Closing Plenary Morning
IAIA Council MeetingAfternoon
Technical Visit Afternoon/Evening



**Building Capacity for Impact Assessment**