

The logo for IAIA '01 is written in a stylized, orange, cursive font. The background of the entire page features a large, stylized orange and white graphic of a tree with a circular canopy and a trunk, set against a background of vertical orange bars of varying heights.

*iaia'01*

# IMPACT ASSESSMENT IN THE URBAN CONTEXT

21st Annual Conference Event of the  
**International Association for Impact Assessment**

*26 May–2 June 2001  
Cartagena, Colombia*

*IAIA'01 Host  
The Colombian Ministry of Environment*

## **The Environmental Professional's Forum**

*Bringing together*

- *Environmental Decision-makers*
- *Industry and Community Leaders*
- *Professional Practitioners*

**FINAL PROGRAM**

**IAIA**

## IAIA Vision and Mission

**Our vision for the International Association for Impact Assessment:** IAIA is the leading global authority on best practice in environmental assessment, management and policy.

**Our mission statement:** IAIA is a forum for advancing innovation, development and communication of best practice in environmental impact assessment. Its international membership promotes development of local and global capacity for the application of environmental assessment in which sound science and full public participation provide a foundation for equitable and sustainable development.

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## IAIA'01 PROGRAM COMMITTEE

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**Juan David Quintero.** The World Bank

### TECHNICAL PROGRAM COMMITTEE

**Juan Carlos Garcia de Brigard.** National University of Colombia

**Leonard Ortolano.** Stanford University

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**Claudia Sánchez.** Ministry of Environment, Colombia

**Gonzalo Arango.** Ingeniería d Hidrosistemas LTDA, Colombia

**Libardo Montealegre.** Colombia

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**Nelson Bustamante.** El Paso Energy, USA

**Nicole Carter.** U.S. Congress, USA

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## SPECIAL THANK YOU

**Zillah Mendez.** Cartagena Convention Center

**Beatriz de Borge.** T&CI Estrellas, Ltd.

**Martha Velez de Tono.** Cartagena Convention Center

**Susie Prada.** T&CI Estrellas, Ltd.

**Lucy Torres.** T&CI Estrellas, Ltd.

**Sue Thibedeau and staff.** Richtman's Press Club, Fargo, ND USA

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# Welcome



*For the first time in 21 years, the Annual Meeting of the International Association for Impact Assessment (IAIA) will take place in Latin America.*

*As you know, the central subject of this year's meeting is environmental impact assessment in the urban, regional and global context. This is a unique opportunity for Colombia (and for Latin America) to count with national and international experts presenting cases and discussing their experiences in relation with important subjects for urban development and its environmental impacts.*

*The results of this meeting will help us Colombians to show an important side of our country, our people and our capabilities, and will allow the rest of the world to believe in us and to count on us when making strategic alliances to solve the world's environmental problems.*

**Juan Mayr Maldonado**  
Minister of the Environment

*It is a pleasure to warmly welcome our many distinguished guests, members, first-time participants and all delegates to the IAIA '01 Cartagena event. Whether you have traveled a great distance or had a reasonably short journey to the conference venue, we are delighted that you are here.*

*This is an extra special time for the IAIA organization, as we are celebrating our 20<sup>th</sup> anniversary and looking forward to greatly strengthening our effectiveness in the advancement of best practice in environmental assessment, management, and policy over the next few years.*

*The outcomes of our time together during this week depend upon your input as well as the excellent program that has been assembled through the hard work of local, regional, and global IAIA members. We are all here to further the goals and practice of impact assessment in relation to the environmental challenges of urban living in this new century. Finding sustainable patterns of living in harmony with each other and the vital resources we and future generations depend upon will continue to call upon our collective expertise. This conference event is intended to stimulate and assist our combined knowledge and practical experience in meeting these needs.*

*If you are not yet familiar with IAIA as an organization, the best time to have your questions answered is right now and right here. Whatever your interest in impact assessment, there is probably some facet of IAIA that could assist your work, studies, or community involvement. Contact us through any fellow delegate who is an IAIA member or at the registration desk.*

*Please join in the full range of conference activities and take time to make new contacts as well as catch up with colleagues from around the world. I know we will all enjoy and greatly benefit from IAIA '01.*

*We are extremely appreciative of the efforts, sponsorship, and commitment provided by our hosts in Colombia and all who have worked tirelessly to make this occasion possible.*

**Mary Lou Morris**  
IAIA President and Board Chair

## GENERAL INFORMATION

### Registration Desk Hours

8:00am-10:00am .....Saturday 26 May ..... Training course participants only  
8:00am-5:00pm.....Sunday 27 May ..... Training course, WHO, MFO Workshop, and technical visit participants  
6:45am-5:00pm.....Monday 28 May ..... All delegates  
8:00am-5:00pm.....Tuesday 29 May ..... All delegates  
8:00am-5:00pm.....Wednesday 30 May .. All delegates  
8:00am-12:00pm .....Thursday 31 May ..... All delegates

**BUSINESS SERVICES.** *IAIA does not provide copying, fax, printing, phone or computer services.* All delegates and attendees are responsible for supplying their own materials. Limited photocopying and fax facilities are available from the business office of the convention center; these and additional business services are available at each conference hotel.

**NOTE TO PRESENTERS/ATTENDEES.** Participants and those presenting papers should arrive at the sessions 5-10 minutes early to allow time to meet the session chair, prepare slides, etc. As a courtesy to others in the session, paper presenters, participants, and attendees are asked to attend all papers in the session.

**CONFERENCE PAPERS AND PROCEEDINGS.** The abstracts volume is included in the delegate packets and will be posted on the IAIA web site at [www.iaia.org](http://www.iaia.org) following the conference. A CD-ROM with the papers presented in the conference will be handed out by the Cartagena Conference Committee.

**POSTER PRESENTERS.** Poster panels are set up and assigned in Barahona 3. You may set up your poster on Monday, 28 May, from 1:00pm–5:00pm. You are responsible for providing any materials needed to put your poster in place. Posters should be taken down on Thursday, 31 May, between 4:00 – 6:00pm. The poster session is scheduled for Tuesday, 29 May, from 5:00pm-7:00pm. Participants should plan to stay with their displays during the poster session and during breaks between regular sessions. IAIA, the conference organizers, and the convention center are not responsible for items on display and/or left after 6:00pm on 31 May.

**DISPLAY TABLE.** A display table is available in Barahona 3 for IAIA members to display and announce materials (leaflets, books, brochures, reports, etc.). No commercial (sales) materials or publications are permitted. The purpose of this table is to enhance the networking role and potential for exchange of information at the meeting. The table is not guarded, and IAIA, the conference organizers, and the convention center are not responsible for items on display and/or left after 6:00pm on Thursday, 31 May.

**TAXI AND SHUTTLE BUS SERVICE.** Taxis within the hotel and convention center area are readily available and affordable. A limited shuttle bus service will operate between hotels Caribe, Almirante, and Hilton and the convention center during the conference; a schedule will be posted in the registration area.

**BOOTHS AND EXHIBITS.** Booths and Exhibits may be set up in Barahona 3 the afternoon of Monday, 28 May and should be dismantled from 4:00pm-6:00pm on Thursday, 31 May. IAIA, the conference organizers, and the convention center are not responsible for items on display and/or left after 6:00pm on Thursday, 31 May.

**PARTICIPANTS LIST.** A list of pre-registered participants is provided in the delegate packs and will be posted in the registration area. A list of on-site registrants will be prepared during the conference and will be available at the registration area Thursday, 31 May, from 3:00 – 7:00pm. For maximum post-conference benefit, please take the time to ensure that your listing is accurate and make any changes to the posted list.

### IA of IAIA'01

Environmental impacts are caused by many human activities. Organizing and attending an international conference is no exception. How significant are these impacts? How can they be mitigated? IAIA, as the leading professional organization in the field of impact assessment, cares about the impacts its own conference may have on the environment and local communities. Therefore, the Board of Directors has decided to carry out an initial environmental assessment of IAIA'01 as a pilot study aimed at reducing the impacts of future conferences. A task force led by Director Luis Sánchez and including Jo Treweek, Andrea Bagri Athanas, Nick King and Libardo Montealegre will conduct the assessment. This is an opportunity for greater student involvement with IAIA; hence, students attending the conference are invited to join the task force. Those interested please contact one of the task

## OPPORTUNITIES TO PARTICIPATE

**COMMITTEES AND SECTIONS.** You are invited to join the Committee and Section discussions. Committees will meet from 5:00pm–7:00pm on Wednesday, 30 May. Sections will meet from 5:00pm–7:00pm on Thursday, 31 May. See the daily schedule for rooms.

**ANNUAL GENERAL MEETING.** Everyone is encouraged to participate in the IAIA Annual General Meeting from 11:00am–12:30pm on Wednesday, 30 May in Barahona 3. See the agenda below.

**COUNCIL MEETINGS.** All members are welcome to attend the IAIA Council meetings from 2:00pm–5:00pm on Friday, 25 May, in Comisión 3AB and on Friday, 1 June, from 3:30pm–5:00pm in Comisión 3B.

**BOOK SHARE.** Check the Book Share table in Barahona 3! Donate a book, or take a book if you find one that you might not readily find in your own locality.

**IAIA ORIENTATION.** For all new or prospective Board members, for anyone interested in participating in IAIA as a Committee member, Section member, or liaison, and for any member who wants to know more about the organization, its history, and how it works. 9:00am–11:00am, Friday, 25 May, in Comisión 3AB.

**TECHNICAL VISITS.** Please check in at the registration desk on May 27 due to the early departure times on May 28. The registration desk will be open 8:00am–5:00pm on the 27<sup>th</sup>. You will be informed of the group meeting place upon check-in. Plan to arrive at the departure site 15 minutes prior to the start time of the tour. You must be pre-registered and pre-paid to participate.

**AWARDS CEREMONY AND GALA FAREWELL LUNCHEON.** On Friday, 1 June, the closing plenary and awards ceremony will be held in the magnificent and recently-renovated Heredia Theater, built in the XVIII Century and an architectural jewel of neo-classical style. The Gala Luncheon will take place in the clusters and gardens of the Santa Clara Hotel (5 minute walk from Heredia Theater). Preceded by a wine toast, lunch will be a buffet of typical Colombian foods. *Sponsored in part by Gas TransBolivia.*

**'ROUND THE WORLD RAFFLE.** Raffle items will be on display Tuesday, 29 May, in Barahona 3. You may purchase tickets at the registration desk, or in Barahona 3 during the poster session. To "bid" on an item, write your name on the ticket and drop it into the container beside the item. The drawings will be held at 6:30pm, at which time the winners can claim their items. A portion of the proceeds will be donated to the City of Cartagena to purchase trees.

### IAIA Annual General Meeting (AGM) Agenda

Wednesday, 30 May 11:00a-12:30p

This is the annual business meeting of the Association; all IAIA members are encouraged to attend. *Chair:* Mary Lou Morris, IAIA President

1. Welcome and introduction of current Officers, Directors, and Council members
2. Review of agenda and approval of IAIA'00 AGM minutes
3. Announcement of election results with introduction of new Officers and Directors
4. President: Progress to date and future directions
5. Secretary: Summary of major activities (Paula Caldwell)
6. Treasurer: Financial statement (Stephen Granger)
7. Reports of Committee Chairs (as available)
8. Written submissions to the AGM
9. Open discussion on matters raised by members
10. Close of meeting



.....all activities are held in the convention center unless otherwise noted

# DAILY SCHEDULE

<b>FRIDAY 25 MAY</b>	9:00a-11:00a 2:00p-5:00p	<b>IAIA Orientation</b> <b>IAIA Council Meeting</b>	Comisión 3AB Comisión 3AB
<b>SATURDAY 26 MAY</b>	8:00a-10:00p 9:00a-5:00p  9:00a-5:00p	<b>Registration for training course participants</b> <b>Training Courses</b> <ul style="list-style-type: none"> <li>• #1 Sustainable River Planning</li> <li>• #6 Strategic Environmental Assessment: Key Elements and Practices</li> <li>• #8 Biodiversity in IA &amp; Mitigation Planning for Sustainable Development</li> </ul> <b>SIA Guidelines &amp; Principles Project</b>	Obregón Hall  Comisión 1A Comisión 2A Comisión 3A Comisión 3B
<b>SUNDAY 27 MAY</b>	8:00a-5:00p 9:00a-5:00p 9:00a-6:00p 10:00a-3:30p	<b>Registration for training courses, WHO and Multilateral workshops, and technical visit participants</b> <b>Training Courses</b> <i>(Day 2 in same rooms as Day 1)</i> <ul style="list-style-type: none"> <li>• #2 Using IA &amp; Strategic Planning for Effective Environmental Management at Industrial Facilities</li> </ul> <b>Multilateral Financial Organizations (MFO) Workshop</b> <i>(Note registration is at convention center; MFO is at Hotel Caribe, Salon Arsenal)</i> WHO Special Session on Health IA	Obregón Hall  Comisión 1A Hotel Caribe Pegasos
<b>MONDAY 28 MAY</b>	6:45a-5:00p  1:00p-5:00p	<b>Registration</b> <b>Technical visits</b> <ul style="list-style-type: none"> <li>• Environmental Survey of Cartagena's Water Bodies – departure at 7:15am</li> <li>• Isla de Salamanca Mangrove Ecosystem Recovery Program – departure at 7:30am</li> <li>• Islas del Rosario National Park – departure at 7:45 am</li> </ul> <b>Setup of posters, booths and exhibits</b>	Obregón Hall  Barahona 3

## TUESDAY 29 MAY

8:00a-5:00p	<b>Registration</b>	Obregón Hall
7:30a-9:00a	<b>Editorial Board</b>	Sala VIP
9:00a-10:00a	<b>Opening Plenary</b>	Barahona 4
	<ul style="list-style-type: none"> <li>• <i>Welcome and Introduction to IAIA '01</i>: Mary Lou Morris, President IAIA</li> <li>• <i>Opening Address</i>: Juan Mayr Maldonado, Minister of the Environment, Republic of Colombia</li> </ul>	
10:00a-10:30a	<b>Coffee break</b>	Barahona 3
10:30-12:30p	<b>Plenary: Impact Assessment and Urban Sustainability</b>	Barahona 4
	<ul style="list-style-type: none"> <li>• Gerardo Viña, Chair, Ministry of Environment Colombia</li> <li>• Hobson Bryan, University of Alabama</li> <li>• Maria do Rosário Partidário, New University of Lisbon</li> <li>• Leonard Ortolano, Stanford University</li> <li>• Jose Vicente Mogollón, Former Minister of Environment Colombia</li> </ul>	
12:30p-1:30p	<b>Lunch</b>	Las Animas Cloister
1:30p-3:00p	<b>Concurrent Sessions and Workshops</b>	
	<ul style="list-style-type: none"> <li>• Session #1 SEA in the Urban Context</li> <li>• Session #5 Integrated Appraisal: Tools, Techniques and Approaches</li> <li>• Session #8 Public Participation &amp; Impact Assessment: Latin America</li> <li>• Session #6 Integrating SIA to EA</li> <li>• Session #14 IA for World Trade and Trade Agreements</li> <li>• Session #11 EA and Management Plans as Corporate Management Tools</li> <li>• Session #13 EA &amp; Impacts of Policies, Plans and Strategies of the Energy Sector</li> <li>• Session #21 Healthy Communities a Key to Sustainable Development</li> <li>• Session #15 Biodiversity in IA – Case Studies</li> </ul>	Pegasos Barahona 1 Barahona 2 Salon Arsenal Comisión 1A Comisión 2A  Comisión 3A  Comisión 1B Comisión 2B Barahona 3
3:00p-3:30p	<b>Coffee break</b>	
3:30p-5:00p	<b>Concurrent Sessions and Workshops</b>	
	<ul style="list-style-type: none"> <li>• Session #1 SEA in Urban Context</li> <li>• Session #5 Integrated Appraisal: Tools, Techniques and Approaches</li> <li>• Session #8 Public Participation &amp; Impact Assessment: International</li> <li>• Session #6 Integrating SIA to EA</li> <li>• Session #14 IA for World Trade and Trade Agreements</li> <li>• Session #11 EA and Management Plans as Corporate Management Tools</li> <li>• Session #13 EA &amp; Impacts of Policies, Plans and Strategies of the Energy Sector</li> <li>• Session #21 Healthy Communities a Key to Sustainable Development</li> <li>• Session #15 Biodiversity in IA: Developing a Plan of Action for Integration of Biodiversity in IA</li> </ul>	Pegasos Barahona 1 Barahona 2 Salon Arsenal Comisión 1A Comisión 2A  Comisión 3A  Comisión 1B Comisión 2B
5:00p-7:00p	<b>Poster Session and 'Round the World Raffle</b>	Barahona 3

## WEDNESDAY 30 MAY

8:00a-5:00p 9:00a-10:30	<b>Registration</b> <b>Plenary: Healthy Cities</b> Chair: Roy Kwiatkowski, Health Canada <ul style="list-style-type: none"> <li>• <i>WHO Healthy Cities Project and the Role of HIA</i>. Dr Yasmin von Schirnding, Responsible Officer: Cross-sectoral Policies and Interventions, WHO Focal Point: Agenda 21. WHO Department of Health and Sustainable Development</li> <li>• <i>Health Impact Assessment: Bridging the Divide</i>. Dr Martin Birley, co-director, International Health IMPACT Assessment Consortium, Liverpool School of Tropical Medicine and University of Liverpool.</li> <li>• <i>Environmental Health in Colombia and America: Environment's Adverse Effects on Human Health</i>. Engs. Amparo Cadena and Roberto Montoya, Head of Environmental Health in the Ministry of Health, Colombia.</li> </ul>	Obregón Hall Barahona 4
10:30a-11:00a 11:00a-12:30p 12:30p-1:30p 1:30p-3:00p	<b>Coffee break</b> <b>IAIA Annual General Meeting</b> (see Agenda, page 5) <b>Lunch</b> <b>Concurrent Sessions and Workshops</b> <ul style="list-style-type: none"> <li>• Session #2 SIA: Actual Case Studies, Links with Project EIA (Tiering), Proposed SEA Directives of the European Union</li> <li>• Session #7 Integration of Environmental, Social and Economic Issues in Spatial Planning</li> <li>• Session #8 Public Participation &amp; IA: North America</li> <li>• Session #6: Integrating SIA to EA</li> <li>• Session #9: Impact of Resource Development and Urbanization on Indigenous People</li> <li>• Session #23 Environmental Legislation and IA: Public Information and Participation in Urban Environment</li> <li>• Session #18 Environmental Assessment and Management in Latin America</li> <li>• Session #21 Healthy Communities a Key to Sustainable Development</li> <li>• Session #15 Biodiversity in IA</li> </ul>	Barahona 3 Barahona 4 Las Animas Cloister  Pegasos  Barahona 1  Barahona 2 Salon Arsenal Comisión 1A  Comisión 2A  Comisión 3A  Comisión 1B Comisión 2B Barahona 3
3:00p-3:30p 3:30p-5:00p	<b>Coffee break</b> <b>Concurrent Sessions and Workshops</b> <ul style="list-style-type: none"> <li>• Session #2 SIA: Actual Case Studies, Links with Project EIA (Tiering), Proposed SEA Directives of the European Union</li> <li>• Session #7 Integration of Environmental, Social and Economic Issues in Spatial Planning</li> <li>• Session #8 Public Participation &amp; IA: Vision Statement Workshop</li> <li>• Session #6: Integrating SIA to EA</li> <li>• Session #24 Landscape Ecology in Regional Planning</li> <li>• Session #23 Environmental Legislation and IA: Public Information and Participation in Urban Environment</li> <li>• Session #18 Environmental Assessment and Management in Latin America</li> <li>• Session #19 EIA Follow up: Outcomes and Improvements</li> <li>• Session #17 Incorporating Biodiversity/Ecology into EIAs Guidance</li> </ul>	Pegasos  Barahona 1  Barahona 2 Salon Arsenal Comisión 1A Comisión 2A  Comisión 3A  Comisión 1B Comisión 2B
5:00p-7:00p	<b>Committee Meetings</b> <ul style="list-style-type: none"> <li>• Training &amp; Professional Development Committee</li> <li>• Publications Committee</li> <li>• Public Affairs Committee</li> <li>• Awards Committee</li> <li>• Branches &amp; Affiliates Committee</li> <li>• Nominations Committee</li> <li>• Sections Coordination Committee</li> </ul>	Pegasos Barahona 1 Comisión 1A Comisión 2A Comisión 3A Comisión 1B Comisión 2B



## THURSDAY 31 MAY

8:00a-12:00p	<b>Registration</b>	Obregón Hall
9:00a-11:00a	<b>Panel Discussion: A New Vision of Environmental Management in Latin America and Caribbean Countries</b>	Barahona 4
	<ul style="list-style-type: none"> <li>• Chair: <b>Walter Arensberg</b>, Chief, Environment Division InterAmerican Development Bank</li> <li>• <b>Virginia Alzina</b>, Environmental Specialist, InterAmerican Development Bank</li> <li>• <b>Jose Vicente Mogollón</b>, Former Minister of Environment Colombia</li> <li>• <b>Manuel Rodriguez</b>, Former Minister of Environment Colombia</li> </ul>	
11:00a-11:30a	<b>Coffee break</b>	Barahona 3
11:30a-12:30p	<b>IAIA and Rio+10</b>	Barahona 4
	<ul style="list-style-type: none"> <li>• <b>Barry Sadler, Andrea Athanas, Elvis Au, Peter Leonard</b></li> </ul>	
12:30p-1:30p	<b>Lunch</b>	Las Animas Cloister
1:30p-3:00p	<b>Concurrent Sessions and Workshops</b>	
	<ul style="list-style-type: none"> <li>• Session #4 SEA in Urban &amp; Regional Planning</li> <li>• Session #3 IA for Urban Sustainability</li> <li>• Session #12 Water Utilites &amp; Transboundary</li> <li>• Session #6 Integrating SIA to EA: Education and NGOs</li> <li>• Session #10 Knowledge Sharing in IA</li> <li>• Session #23 Environmental Legislation and IA: Public Information and Participation in Urban Environment</li> <li>• Session #22 Cumulative Effects Assessment</li> <li>• Session #19 EIA Follow up: Outcomes and Improvements</li> <li>• Session #16 Business and Biodiversity</li> <li>• Session #25 Development of an IAIA Handbook on Impact Assessment and Indigenous Peoples</li> </ul>	Pegasos Barahona 1 Barahona 2 Salon Arsenal Comisión 1A Comisión 2A Comisión 3A Comisión 1B Comisión 2B Comisión 3B
3:00p-3:30p	<b>Coffee break</b>	Barahona 3
3:30p-5:00p	<b>Concurrent Sessions and Workshops</b>	
	<ul style="list-style-type: none"> <li>• Session #4 SEA in Urban &amp; Regional Planning</li> <li>• Session #3 IA for Urban Sustainability</li> <li>• Session #20 Impacts of GMOs</li> <li>• Session #6 Integrating SIA to EA: Conflict and Discussion</li> <li>• Session #10 Knowledge Sharing in IA</li> <li>• Session #22 Cumulative Effects Assessment</li> <li>• Session #19 EIA Follow up: Outcomes and Improvements</li> <li>• Session #16 Business and Biodiversity</li> <li>• Session #25 Development of an IAIA Handbook on Impact Assessment and Indigenous Peoples</li> </ul>	Pegasos Barahona 1 Barahona 2 Salon Arsenal Comisión 1A Comisión 3A Comisión 1B Comisión 2B Comisión 3B
4:00p-6:00p	<b>Closure and dismantling of posters, booths, and exhibits</b>	Barahona 3
5:00p-7:00p	<b>Section Meetings</b>	
	<ul style="list-style-type: none"> <li>• Biodiversity &amp; Ecology Section</li> <li>• SEA Section</li> <li>• Environmental Legislation Section and Social Section</li> <li>• EMS and Auditing Section</li> <li>• Health Section</li> <li>• Disaster Recovery Section and Urban Section</li> <li>• Indigenous Peoples Section</li> <li>• Public Participation Section</li> <li>• New Sections</li> </ul>	Pegasos Barahona 1 Comisión 1A Comisión 2A Comisión 3A Comisión 3B Comisión 2B Barahona 2 Salon Arsenal

## FRIDAY 1 JUNE

9:00a-11:00a	<ul style="list-style-type: none"> <li>• <b>Closing plenary: Conference Highlights, Visions, and Lessons Learned</b> Chair: Nelson Bustamante, El Paso Energy Juan David Quintero, The World Bank Maria Teresa Szauer, Corporación Andina de Fomento Paula Caldwell, Environment Canada Gerardo Viña, Ministry of Environment Colombia</li> <li>• Presidential Address: Elvis Au</li> <li>• Introduction to IAIA'02: Job van den Berg</li> </ul>	Heredia Theater
11:00a-11:30a	Coffee break	Heredia Theater
11:30a-1:15p	Awards Ceremony	Heredia Theater
1:30p-3:30p	Gala Luncheon	Santa Clara Hotel
4:00p-5:00p	IAIA Council Meeting	Comisión 3B

TECHNICAL SESSIONS OVERVIEW	Tuesday 29 May		Wednesday 30 May		Thursday 31 May	
	9:00a-10:00a Plenary Session	10:30a-12:30p Plenary Session	9:00a-10:30a Plenary Session	11:00a-12:30p AGM	9:00a-11:00a Plenary Session	11:30a-12:30p IAIA & Rio+10
Room	1:30p-3:00p	3:30p-5:00p	1:30p-3:00p	3:30p-5:00p	1:30p-3:00p	3:30p-5:00p
<b>Pegasos</b>	1 SEA in Urban Context	1 SEA in Urban Context	2 SEA Case Studies, Tiering, SEA Directives	2 SEA Case Studies, Tiering, SEA Directives	4 SEA in Urban Planning	4 SEA in Urban Planning
<b>Barahona 1</b>	5 Integrated Appraisal	5 Integrated Appraisal	7 Spatial Planning	7 Spatial Planning	3 IA for Urban Sustainability	3 IA for Urban Sustainability
<b>Barahona 2</b>	8 Public Participation (LA)	8 Public Participation (international)	8 Public Participation (NA)	8 Public Participation Vision Statement	12 Water Utilities & Transboundary	20 Impacts of GMOs
<b>Salon Arsenal</b>	6 Integrating SIA to EA	6 Integrating SIA to EA	6 Integrating SIA to EA	6 Integrating SIA to EA	6 Integrating SIA to EA-Education & NGOs	6 Integrating SIA to EA
<b>Comisión 1A</b>	14 IA for World Trade	14 IA for World Trade	9 Resource Development & Urbanization-IP	24 Landscape Ecology & Regional Planning	10 Knowledge Sharing	10 Knowledge Sharing
<b>Comisión 2A</b>	11 EA Corporate Tool	11 EA Corporate Tool	23 Environmental Legislation	23 Environmental Legislation	23 Environmental Legislation	
<b>Comisión 3A</b>	13 EA & Impact of Policies Energy Sector	13 EA & Impact of Policies Energy Sector	18 EA & Management in LA	18 EA & Management in LA	22 Cumulative Effects	22 Cumulative Effects
<b>Comisión 1B</b>	21 Healthy Communities	21 Healthy Communities	21 Healthy Communities	19 EIA Follow Up	19 EIA Follow Up	19 EIA Follow Up
<b>Comisión 2B</b>	15 Biodiversity In IA	15 Biodiversity In IA	15 Biodiversity In IA	17 Biodiversity/ Ecology In EIA Guidance	16 Business & Biodiversity	16 Business & Biodiversity
<b>Comisión 3B</b>					25 IA &IP Handbook	25 IA & IP Handbook

## IAIA '01 CONCURRENT SESSIONS

TUESDAY 29 MAY • 1:30-3:00

### PEGASOS

#### Session #1 SEA in the Urban Context

Co-chairs: Juan David Quintero / Markus Eggenberger

- Nilson, Dalkmann. **Decision-making and SEA: a theoretical perspective**
- Storey, Noble. **Towards a structured approach to strategic environmental assessment**
- Jiliberto. **Analytical strategic environmental assessment of Santiago de Chile urban transport plan**

### BARAHONA 1

#### Session #5 Integrated Appraisal: Tools, Techniques and Approaches

Chair: Gerardo Viña

- Rivera. **Environmental assessment of urban land use plans in Chile: a practice that builds sustainability**
- Nilsson. **SEA analytical tools and their application in the energy sector**
- Oxendine, McKeehan. **Tennessee Valley Authority integrated river basin development-from strategic planning to project implementation, monitoring, and evaluation**
- Scholten, Morel, Post. **Integrated environmental impact assessment, a step towards integrated impact assessment**
- Koenig. **Application of risk analysis methods to two alternatives of a large-scale wastewater disposal scheme in Hong Kong**

### BARAHONA 2

#### Session #8 Public Participation & Impact Assessment: Latin America

Co-chairs: Diego Shoobridge / Des Connor

- Shoobridge. **Participant research as a means to achieve sustainability in logging industry in Peru**
- Blanco. **Public participation in the forestry sector in Chile**
- Arbeláez. **Participation in environmental management for power transmission, ISA**
- Blanco, Sepulveda, Sabatini. **Public participation in the EIA System in Chile: preventing the conflicts?**
- Rajvanshi. **Public participation and sustainability issues within EIA: the Indian context**

### SALON ARSENAL

#### Session #6 Integrating SIA to EA

Chair: Elena Correa

- Burdge, Field. **Why is social impact assessment the orphan of the assessment process?**
- Correa. **Reason for weak integration of social and natural dimensions in EIA**

### COMISIÓN 1A

#### Session #14 IA for World Trade and Trade Agreements

Chair: Maria Teresa Szauer

- Lee, Kirkpatrick. **Sustainability impact assessment of international trade agreements: an emerging tool of strategic appraisal**
- Shuttleworth, Gillmore. **Canada's environmental framework for trade agreements**
- Goldsmith. **UNEP's Reference Manual for the integrated assessment of trade-related policies**

### COMISIÓN 2A

#### Session #11 EA and Management Plans as Corporate Management Tools

Chair: Elizabeth Brito

- Gagnon. **Good dams - bad dams in Latin America: log-book of an Hydro-Quebec environmental advisor**
- Britto. **The VIAOESTE environmental management plan**
- da Luz. **Environmental and social management plan for the Cana Brava Hydroelectric Power Plant**

### COMISIÓN 3A

#### Session #13 EA & Impacts of Policies, Plans and Strategies of the Energy Sector

Co-chairs: Nelson Bustamante / Walter Vergara

- Ofongo, Komonibo, Akpofure, Nelson. **The need for resource control management in the Niger Delta region of Nigeria**
- Sackey. **Mitigating the environmental impacts of the construction of the Volta Hydro-Electric dams: the VRA initiatives**
- Saavedra and d'Avila. **Bolivia-Brazil Gas Pipeline GTB-TBG presentation**

### COMISIÓN 1B

#### Session #21 Healthy Communities a Key to Sustainable Development

Co-Chairs: Martin Birley / Roy Kwiatkowski

- Birley. **Adding a health component to SEA and EIA, with reference to periurban development**
- Ramasar, Colvin, Mercier. **Integrating HIV/AIDS issues into the environmental assessment process**
- Morgan, Morgan. **An evaluation of project-level health impact assessment practices in New Zealand**



## IAIA '01 CONCURRENT SESSIONS

### COMISIÓN 2B

#### Session #15 Biodiversity in IA: Biodiversity in IA – Case Studies

Co-chairs: Aarend Kolhoff / Nick King

- Zdrzil. **Biological assessment - an environmental impact assessment tool**
- Alvarez. **Prevention of environmental impacts on the biodiversity at lineal projects in Colombia: Percolation theory application**
- Alvarez. **Evaluation model for priorities of biodiversity's conservation applied in transmission power projects in Colombia**
- Kolhoff. **Integrating biodiversity in EIA. An experiment. Ground water extraction in a wetland area**

### SALON ARSENAL

#### Session #6 Integrating SIA to EA

Co-chairs: Elena Correa

- Hernández, Vásquez. **Social assessment of a sustainable transportation system for the Mompox Depression – Colombia**
- Vanclay, Dani. **Social impact assessment at the policy level**
- Correa. **Socioeconomic impact assessment and management: a proposed methodology**

### COMISIÓN 1A

#### Session #14 IA for World Trade and Trade Agreements

Co-chairs: Shirley Conover / Bernice Goldsmith / Jaye Shuttleworth

- Conover. **An introduction to the Euro-Mediterranean Free Trade Zone**
- Blanco, Borregaard, Dufey. **Environmental assessment of trade agreements: initiating a process in the Latin American context**
- George, Curran, Nafti. **Capacity building for trade impact assessment: lessons from the development of EIA**

### COMISIÓN ROOM 2A

#### Session #11 EA and Management Plans as Corporate Management Tools

Chair: Elizabeth Brito

- Brown, Nitz. **Piecing together the jigsaw of environmental management tools: a model**
- Goberna. **Quality safety & environment**
- Brito. **IDB environmental management plan**

### COMISIÓN 3A

#### Session #13 EA & Impacts of Policies, Plans and Strategies of the Energy Sector

Co-chairs: Neslon Bustamante / Walter Vergara

- Viña, Lopez. **Adopting sectoral environmental guidelines as a preliminary environmental assessment tool for project development in Colombia**
- Miroslav. **EIA of the nuclear power plant Temelin – background, methods, experience**
- Leon, Cárdenas. **Environmental assessment applications in large oil and gas onshore development projects**

### COMISIÓN 1B

#### Session #21 Healthy Communities a Key to Sustainable Development

Co-chairs: Martin Birley / Roy Kwiatkowski

- Espinel. **The impact of forest road construction in Ecuador**
- Kwiatkowski, Gosselin, Déry. **Health impact assessment: where to next**

TUESDAY 29 MAY • 3:30-5:00

### PEGASOS

#### Session #1 SEA in Urban Context

Co-chairs: Juan David Quintero / Markus Eggenberger

- Oleson, Quintero. **Lessons learned - preparing a regional environmental assessment for the Elqui Watershed, Chile**
- Defloor, van Straaten, Peymen, Van Gulck. **Minimizing impact of transportation infrastructure on the environment and biodiversity by using SEA**
- van Straaten, Smolders, Verheyen. **Strategic environmental assessment of the master transport plan in Flanders (N-Belgium)**

### BARAHONA 1

#### Session #5 Integrated Appraisal: Tools, Techniques and Approaches

Chair: Gerardo Viña

- Sangwook, Myungjin. **Current issues of environmental impact assessment in Korea**
- Ashe. **The Australian regional forest agreement process: a case study in integrated assessment and decision-making**
- Collinsworth. **Environmental considerations for Corps of Engineers projects**
- van den Berg. **Integrating strategic assessment in its organizational and decision making context**

### BARAHONA 2

#### Session #8 Public Participation & IA: International

Co-chairs: Diego Shoobridge / Des Connor

- Rukuba-Ngaiza, Lubis. **Public consultations in environmental assessments: The World Bank experience**
- Valadas. **Improving public participation in Portugal**
- Singh, Sewduth, Wolf. **Isipingo story**
- Akpofure, Kotschoubey, Wolf. **Equity, Prosperity and Tranquility: The Niger Delta Project**
- Oprea. **Integrating education, training and communication for public involvement in EIA**

## IAIA '01 CONCURRENT SESSIONS

### COMISIÓN 2B

#### Session #15 Biodiversity in IA: Developing a Program of Action for Integration of Biodiversity in Impact Assessment

Co-chairs: Aarend Kolhoff / Nick King

- King. **Including Biodiversity in IA – can we include that which we don't know?**
- Treweek, Duthie, Zanewich. **Strengths and weaknesses of biodiversity integration with national environmental assessment processes**
- Sloodweg. **A draft framework for the integration of biological diversity in impact assessment.**
- Mathur. **Integrating biodiversity issues in impact assessments**

WEDNESDAY 30 MAY • 1:30-3:00

### PEGASOS

#### Session #2 SEA: Actual Case Studies, Links with Project EIA (Tiering), Proposed SEA Directive of the European Union

Co-chairs: Ralf Aschemann / Thomas B. Fischer

- Fischer. **Tiering in transport infrastructure planning - where is the evidence?**
- Aschemann. **Sustainability indicators in Austria - case studies at regional (Styria) and local level (Graz)**
- Gullón. **European cooperation for urban sustainability**
- Barker, Fischer. **English regions and sustainability: towards the development of a productive strategic environmental assessment system**

### BARAHONA 1

#### Session #7 Integration of Environmental, Social and Economic Issues in Spatial Planning

Co-chairs: Maria Rosário Partidário / Markus Eggenberger

- Gazzola, Bettini, Stevanin, Gianoni. **The PUP of Trento: an Italian case study of integrated planning**
- van Gent, Ukkerman, Kessler. **Planning based on environmental analysis in the municipality of Yamaranguila, Honduras**
- Acosta, Acosta. **Colombia shifts into new planning systems**
- Leitch, Shultz. **Wetland restoration to reduce flood damage in the Red River of the North, USA**

### BARAHONA 2

#### Session #8 Public Participation & IA: North America

Co-chairs: Diego Shoobridge / Des Connor

- Snow, Bryan. **Integrating social assessment into a biophysical research project**
- Connor. **Planning and personal, organizational and cultural group values**
- Will, Owens. **Taking it to the streets: education and service missions and community research**
- Connor. **Organizational development for public participation: the next challenge**

### SALON ARSENAL

#### Session #6 Integrating SIA to EA

Co-chairs: Elena Correa

- Ingram, Blok. **Assessment of the environmental and social impacts of the West Siberian oil industry**
- Storey, Shrimpton. **Onshore effects of offshore oil and gas employment**
- Groen. **Case study citizen values assessment. Social impacts of large scale depots for heavily contaminated sediments**

### COMISIÓN 1A

#### Session #9 Impact of Resource Development and Urbanization on Indigenous People

Chair: Ram Vemuri

- Croal. **Canada's first nations, development and environmental protection**
- Zarzar. **Isolated and recently contacted indigenous peoples in the southeast of the Peruvian Amazon: social assessment and recommendations for their survival**

### COMISIÓN 2A

#### Session #23 Environmental Legislation and IA: Public Information and Participation in Urban Environment

Chair: Jose-Luis Salazar

- Croal. **How to ensure 100% with an EIA law Canadian International Development Agency case history**
- de Kergommeaux. **A role for internal audit in achieving compliance with EIA legislation**
- de Mulder. **The development of EIA legislation in Flanders-Belgium**

### COMISIÓN 3A

#### Session #18 Environmental Assessment and Management in Latin America

Co-chairs: Walter Arensberg / Virginia Alzina

- Alzina, Espinoza. **Results of the environmental impact assessment systems review in Latin American and Caribbean Countries**
- Bocchetto. **The environmental impact assessment in Chile and its relation to foreign direct investment in the forestry sector: The Trillium Case**
- Haeberli, Bardossy, Huggel, Portocarrero, Ayros, Rodríguez, Ferradas. **Vulnerability study for San Gabán II HP**

### COMISIÓN 1B

#### Session #21 Healthy Communities a Key to Sustainable Development

Co-chairs: Martin Birley / Roy Kwiatkowski

- Varela, den Broeder, Penris, Roscam Abbing. **Health impact assessment and intersectoral policy at national level in The Netherlands**
- Chandra. **DALYS and solid waste management: a review of recent studies and their potential effect on policymaking**

## IAIA '01 CONCURRENT SESSIONS

### COMISIÓN 2B

#### Session #15 Biodiversity in IA

Co-chairs: Aarend Kolhoff / Nick King

- **Workshop: Developing an Action Plan and Guidelines**

## WEDNESDAY 30 MAY • 3:30-5:00

### PEGASOS

#### Session #2 SEA: Actual Case Studies, Links with Project EIA (Tiering), Proposed SEA Directive of the European Union

Co-chairs: Ralf Aschemann / Thomas B. Fischer

- Jiliberto. **The Analytical Strategic Environmental Assessment (ANSEA) project**
- de Boer. **The links between SEA and EIA: the practice**
- Zdrzil, Martis. **SEA in the CR - experience, open issues, background**

### BARAHONA 1

#### Session #7 Integration of Environmental, Social and Economic Issues in Spatial Planning

Co-chairs: Maria Rosário Partidário / Markus Eggenberger

- Amoyaw-Osei, Appah-Sampong, Badu-Yeboah. **Integrating spatial planning and EIA in Ghana**
- Partidario and Eggenberger. **First review on country status on the integration of environmental, social and economic issues in spatial planning**

### BARAHONA 2

#### Session #8 Public Participation & IA

Co-chairs: Diego Shooobridge / Des Connor

- **Workshop to develop Vision Statement and Road Map**

### SALON ARSENAL

#### Session #6 Integrating SIA to EA

Co-chairs: Elena Correa

- Leistriz, Sell. **Agricultural processing plants: impacts for rural communities**
- Gagnon. **How to determine the reserved flow? The major issue of Tabaret Hydroelectric Plant**
- Dani, Gacitua. **The World Bank's approach to social analysis**

### COMISIÓN 1A

#### Session #24 Landscape Ecology and Urban and Regional Planning

Co-chairs: Virginio Bettini / Pippo Gianoni

- Bettini, Di Noto, Gazzola, Gianoni, Stevanin, Zannin. **Percolation and SIA in urban planning**
- Miroslav. **Ecological vulnerability of landscape - how to categorise it?**

### COMISIÓN 2A

#### Session #23 Environmental Legislation and IA: Public Information and Participation in Urban Environment

Chair: Jose-Luis Salazar

- Cherp. **Environmental assessment in changing societies: lessons from transitional countries of Eastern Europe and the former Soviet Union**
- Achimota, Akpofure. **The need for environmental protection legislation in the Niger Delta region of Nigeria**
- Van Dyck. **Systems for handy and objective EIA project screening**

### COMISIÓN 3A

#### Session #18 Environmental Assessment and Management in Latin America

Co-chairs: Walter Arensberg / Virginia Alzina

- Mato-Dustin. **Management plan of an area affected by a natural disaster at Vargas Littoral, Venezuela**
- Núñez, Hurni. **Experiences in wastewater treatment and disposal in the cities of Barranquilla and Santa Marta (Colombia)**

### COMISIÓN 1B

#### Session #19 EIA Follow Up: Outcomes and Improvements

Co-chairs: Paula Caldwell / Jos Arts / Angus Morrison Saunders

- Morrison-Saunders, Arts, Caldwell, Baker. **EIA follow-up: outcomes and improvement discussion paper**
- Morrison-Saunders, Bailey. **EIA practitioner perceptions on the role of science in impact assessment**
- Ross, Green, Croal. **Follow up studies in cumulative effects management applications in developing nations**

### COMISIÓN 2B

#### Session #17 Incorporating Biodiversity/Ecology into EIA Guidance

Co-chairs: Jo Trewweek / Andrea Bagri Athanas

- **Workshop where BD in IA guidelines are going to be developed to feed the SBSTTA meeting in November as a formal Convention on Biodiversity project.**

## THURSDAY 31 MAY • 1:30-3:00

### PEGASOS

#### Session #4 SEA in Urban & Regional Planning

Co-chairs: Maria do Rosário Partidário / Patricia Acosta

- Bartlett. **Systems approaches for strategic environmental assessment in New South Wales local government, Australia**
- Bina. **Taking a fresh look at SEA's role from a decision-making perspective**
- Platzer. **SEA and integrating environment into the decision-making**
- Kim. **Strategic Environmental Assessment (SEA) in Korea**

## IAIA '01 CONCURRENT SESSIONS

### BARAHONA 1

#### Session #3 IA for Urban Sustainability

Co-chairs: Leonard Ortolano / Virginio Bettini

- Sarandón, Gaviño. **Using indicators in environmental impact assessment and management**
- Steinhauer. **Joint scoping, reviewing and monitoring of the EIA for the tidal inlet project in the Ciénaga de la Virgen lagoon, Cartagena, Colombia**
- Northey. **EIA and urban air quality: which standards get primacy?**
- Bettini, Gazzola, Emanuele, Zuin. **SEA of marinas in the region of Liguria**

### BARAHONA 2

#### Session #12 Water Utilities & Transboundary

Chair: Maria Teresa Szauer

- Northey. **EIA and local use of international conventions: how much weight should international standards receive?**
- Leitch. **Preparing for another flood of the century in the Red River of the North, USA**
- Myungjin. **Tumen River SAP project and environmental information system**
- Bonilla. **Development of a framework for joint implementation measures in developing countries to reduce green house gases in the atmosphere**
- Ortolano, Cushing. **Lessons learned: a case study of the Grand Coulee Dam**

### SALON ARSENAL

#### Session #6 Integrating SIA to EA: Education and NGOs

Co-chairs: Elena Correa

- Karácsonyi. **Development of environmental impact assessment training programmes at the University of Debrecen (Hungary) from undergraduate level to M.Sc. diploma course**
- Pisanty-Levy. **Integration of an Environmental and Urban Impact Assessment Course in the Master's Degree Program on Urban Development Projects in the Iberoamericana University in Mexico**
- Genel, Saltik. **NGO-Government collaboration for gender balanced development in Southeastern Anatolia, Turkey**

### COMISIÓN 1A

#### Session #10 Knowledge Sharing in IA

Chair: Frank Robijn

- Wilson. **The project description: a difficult but critical step in EIA**
- Grassetti, Kent. **Certifying green development: an incentive-based application of IA**
- Leknes. **EIA as a tool for knowledge generation in similar subsequent projects**
- Stewart. **Environment Agency EIA scoping guidelines**

### COMISIÓN 2A

#### Session #23 Environmental Legislation and IA: Public Information and Participation in Urban Environment

Chair: Jose-Luis Salazar

- Kowalczyk. **Eco-physiographic elaboration – environmental foundation of planning of land development in Poland**
- Rukuba-Ngaiza, Bekhechi. **The right to participate in environmental decision-making: public participation in the environment assessment process in East Africa**
- Yuen. **The use of environmental permit to ensure the undertakings recommended in environmental impact assessment**

### COMISIÓN 3A

#### Session #22 Cumulative Effects Assessment

Chair: to be announced

- Bocchetto, Chambers, Henderson, Max. **Cumulative impacts in Southeast Florida marine habitat from offshore dredging for beach fill activities**
- Creasey, Ross. **The Cheviot Mining Project: lessons for professional practice**
- Christie, Creasey. **Managing cumulative effects of multi large projects**

### COMISIÓN 1B

#### Session #19 EIA Follow Up: Outcomes and Improvements

Co-chairs: Paula Caldwell / Jos Arts / Angus Morrison-Saunders

- Marshall, Smith, Wright. **A new challenge for industry: integrating EIA within operational EMS**
- Marshall. **Mitigation linkage - EIA Follow up through the application of Environmental Management Plans in transmission construction projects**

### COMISIÓN 2B

#### Session #16 Business and Biodiversity

Chair: Andrea Bagri Athanas

- Ofongo, Komonibo, Akpofure, Nelson. **The state of the environment in Bayelsa State of Nigeria.**
- Athanas. **Assessment tools for biodiversity businesses: setting the scene**
- Hasan and Khan. **Oil and gas exploration in Dureji Game Reserve, Pakistan - anticipated and actual impacts on wild ungulates**

### COMISIÓN 3B

#### Session #25 Development of an IAIA Handbook on Impact Assessment and Indigenous Peoples

Chair: Ram Vemuri / Facilitator: Peter Croal

- **Roundtable – Purpose, scope and content**

## IAIA '01 CONCURRENT SESSIONS

THURSDAY 31 MAY • 3:30-5:00

### PEGASOS

#### Session #4 SEA in Urban & Regional Planning

Co-chairs: *Maria do Rosário Partidário / Patricia Acosta*

- Partidário. **When is an SEA an SEA?**
- Audouin, Rossouw, Weaver. **The integration of sustainability objectives into policy processes in South Africa**
- Rossouw, Audouin, Weaver, Madiba. **The integration of Strategic Environmental Assessment (SEA) and local planning in South Africa**

### BARAHONA 1

#### Session #3 IA for Urban Sustainability

Co-chairs: *Leonard Ortolano / Virginio Bettini*

- Marshall. **Routeing and EIA for overhead transmission lines**
- Belgiorno, Giannella. **Sustainable approach to wastewater treatment plants design**
- Macháček. **EIA serving urban sustainability: Czech experience**

### BARAHONA 2

#### Session #20 Impacts of GMOs

Chair: *Richard Morgan*

- Pachico, Johnson, White. **The impact on public agricultural research of biosafety regulations for transgenic crops**
- Pachico, Ruiz de Londono, Valderrama. **Molecular marker assisted breeding: a potential alternative to transgenic crop improvement?**
- Morgan. **New Zealand's Royal Commission on genetic modification: an overdue SEA?**
- Ashe. **Gene technology assessment and regulation in Australia-recent developments**

### SALON ARSENAL

#### Session #6 Integrating SIA to EA: Conflict and Discussion

Co-chairs: *Elena Correa*

- Ayawei, Akpofure, Eshiemoge, Duru, Jonathan and Achimota. **Psycho-morphological overview to impact assessment and crises**

### COMISIÓN 1A

#### Session #10 Knowledge Sharing in IA

Chair: *Frank Robijn*

- Fuggle, Brownlie, Kilian, Kruger, Lane, Raimondo. **The development of real-time environmental impact assessment review procedures**
- de Schutter. **Sharing knowledge in the institutional framework of an EIA process**
- Robijn. **Sharing knowledge in the EIA preparation phase**

### COMISIÓN 3A

#### Session #22 Cumulative Effects Assessment

Co-chair: *to be announced*

- Quintero. **Cumulative Impact Assessment in the Water and Sanitation Projects: Cartagena: Water Supply, Sewerage, and Environmental Cleanup Project**
- St-Louis. **Regional frameworks for the assessment and management of cumulative effects - a Canadian experience**

### COMISIÓN 1B

#### Session #19 EIA Follow Up: Outcomes and Improvements

Co-chairs: *Paula Caldwell / Jos Arts / Angus Morrison-Saunders*

- Baker and Dobos. **Environmental assessment follow-up: a framework for Environment Canada**
- Kinn and Curry. **EIA follow-up - experiences within an Norwegian energy company**
- Au. **A 5-year update of the development of EIA follow-up works internationally and the latest experiences and development in Hong Kong**

### COMISIÓN 2B

#### Session #16 Business and Biodiversity

Chair: *Andrea Bagri Athanas*

- Franklin, Vincelette. **An ecosystem approach to biodiversity management for minerals development**
- Quiñones, Pachico, Escobar. **On farm biotechnology for cassava in Colombia: the potential impact of rapid propagation**
- Zanewich. **Building biodiversity into private business: Kafue Fisheries Ltd., Zambia**
- Lauria, Blum, Hooper. **Offshore EIA and compliance monitoring in a sensitive region – Gulf of Guayaquil, Ecuador**

### COMISIÓN 3B

#### Session #25 Development of an IAIA Handbook on Impact Assessment and Indigenous Peoples

Chair/Facilitator: *Ram Vemuri*

- Vemuri. **Design principles for developing guidelines for modeling indigenous IA**
- Roundtable—**design principles and development of an action plan and work program**





# IAIA '01 EVALUATION

## General

- 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?
- |               | Not likely               | Somewhat likely          | Not likely               |
|---------------|--------------------------|--------------------------|--------------------------|
| Africa        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Asia          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Australia     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Europe        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North America | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South America | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Other: _____  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- 1c. What factors determine whether you attend an IAIA conference? [Please rank 1-7, with 1 = most important]
- |  |       |
|--|-------|
| Theme  | _____ |
| Location   | _____ |
| Availability of funding  | _____ |
| Networking opportunities   | _____ |
| Date of conference   | _____ |
| Active participation (i.e., present paper/poster, chair session, etc.) | _____ |
| Other: _____   | _____ |

## Program

- |   | Very good                | Good                     | Neutral                  | Poor                     | Very poor                | Not applicable           |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2a. Overall program                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2b. Workshops                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2c. Presented papers                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2d. Plenaries                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2e. Scope/appropriateness of conference theme | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2f. Development of conference theme           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2g. Pre-conference sessions                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2h. Technical visits                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2i. Poster session                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2j. Raffle                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

## Time Allocation

- |                       | Not enough               | Adequate                 | Too much                 |
|-----------------------|--------------------------|--------------------------|--------------------------|
| 3a. Entire conference | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3b. Each workshop     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3c. Paper sessions    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3d. Poster session    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

## Future Meetings

- |                      | Fewer                    | No change                | More                     |
|----------------------|--------------------------|--------------------------|--------------------------|
| 4a. Workshops        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4b. Paper sessions   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4c. Poster sessions  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4d. Plenaries        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4e. Training courses | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4f. Technical visits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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

4h. Suggestions for plenary session topics at IAIA'02: \_\_\_\_\_

## Arrangements

	Very good	Good	Neutral	Poor	Very poor	Not applicable
5a. Meeting rooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5b. Conference venue in general	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5c. Lunch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5d. Coffee breaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5e. Gala Luncheon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5f. Your accommodations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hotel: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Registration

- 6a. How did you learn about IAIA'01?
- IAIA information (Call for Papers, IAIA Newsletter, etc.)
  - Friend/colleague
  - Internet
  - Special fliers/mailings
  - Other: \_\_\_\_\_
- 6b. Was the IAIA'01 registration form clear and understandable?
- Yes
  - No—why not? \_\_\_\_\_
- 6c. Was promotion of IAIA'01 adequate and timely?
- Yes
  - No—suggestions? \_\_\_\_\_

## Please rate the following

	Very good	Good	Neutral	Poor	Very poor
7a. Preliminary program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7b. Headquarters staff helpfulness before meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7c. Program Committee helpfulness before meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7d. Staff/volunteer helpfulness during meeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7e. Efficiency of registration process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7f. Delegate packet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7g. Final program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Participation

Have the following components of IAIA'01 provided you with adequate opportunity for input into the overall operation of IAIA?	Yes	Some-what	No	Not applicable
8a. Committee meetings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8b. Annual General Meeting (AGM)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8c. Suggestion box	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8d. Face-to-face feedback	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8e. Section meetings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Comments

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**Please leave this form in the box provided at the registration area, or return to the IAIA International Headquarters, 1330 23rd Street South, Suite C, Fargo, ND 58103 USA. Fax. +1.701.297.7917. Your input helps improve format and content of future meetings!**

## IAIA'01 POSTER PRESENTERS

**Wilson.** Impacts of a Large Wildfire on a Nuclear Laboratory: The Cerro Grande Fire, Los Alamos, USA

**Gullón.** GISability of SEA

**Burdge, Brathwaite.** Learning About Social Change: Using Social Impact Assessment in the Planning/Decision Process

**Hassan, Birley, Khalid, Alkuwari.** Health and Environment in Sustainable Development in Bahrain

**Scrase, Sheate.** Development of Conceptual Models and Tools for the Strategic Appraisal of Policies, Plans and Programmes

**Connor.** The Public and Healthcare: A Radical Proposal

**Acquah, Opoku.** Capacity Development and Linkages for Environmental Impact Assessment in Africa

**Stolp.** Citizen Values Assessment: An Impact Assessment Tool to Investigate Citizens' Judgments

**Gúzman.** Geographic Information Systems in Environmental Impact Assessment Context – The Colombian Case

**Posada.** Evolution of the Mangrove in Cispatá Bay Area. Comparative Analysis.

**Sánchez.** Environmental Management for the Handling and Disposition of Plastic Packages of Pesticides

**Akpofure, Georgewill.** Mangrove Revegetation in the Sustainable Environmental Management of Niger Delta Region of Nigeria

**Dávila.** Prevention of Environmental Impacts on the Biodiversity at Lineal Projects in Colombia: Percolation Theory Application

**Dávila.** Evaluation Model for Priorities of Biodiversity's Conservation Applied in Transmission Power Projects in Colombia

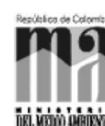
## BOOTHS AND EXHIBITORS

Tennessee Valley Authority (booth)  
Canadian Environmental Assessment Agency (booth)  
The Netherlands (exhibit)  
Gas TransBolivia (GTB) (exhibit)

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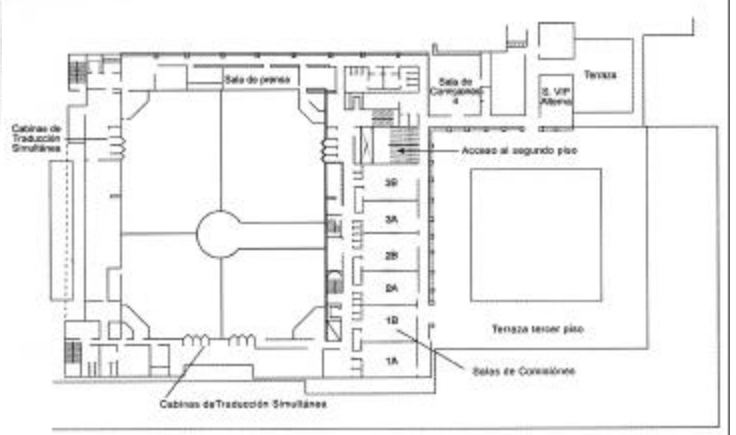


Ecology and Environment

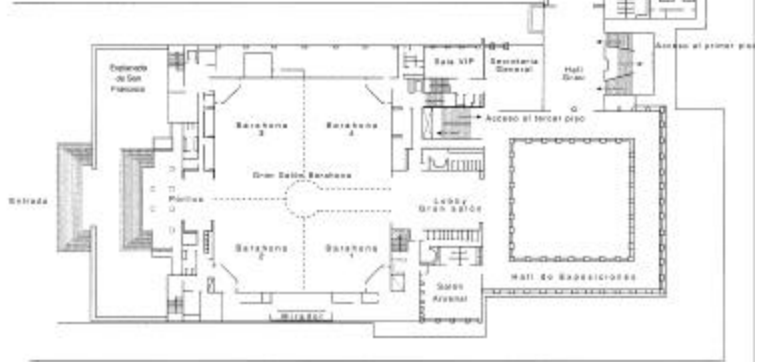
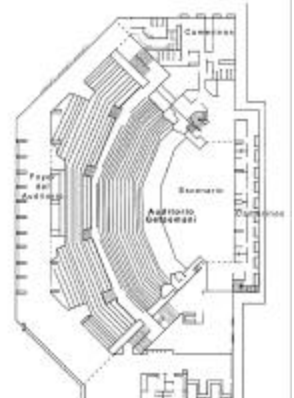
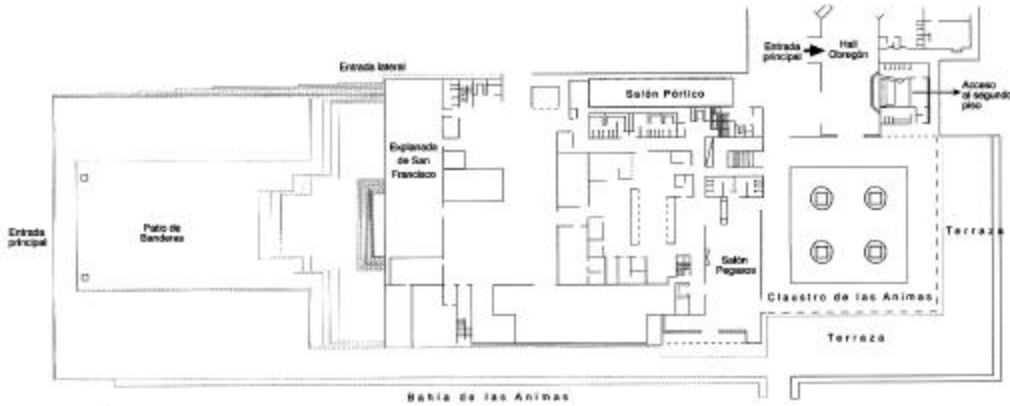
The IAIA'01 organizers wish to express appreciation to the Canadian Environmental Assessment Agency and the Hong Kong Environmental Protection Department for sponsoring/organizing this year's Intergovernmental Policy Forum.



## CARTAGENA CONVENTION CENTER LEVELS 1, 2, 3



## CONVENTION CENTER AND SURROUNDING AREA



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