

22ND ANNUAL CONFERENCE EVENT OF THE INTERNATIONAL ASSOCIATION FOR IMPACT ASSESSMENT

FINAL PROGRAM



IAIA '02 The Netherlands

Assessing the Impact of Impact Assessment

Impact Assessment
for Informed Decision Making

The first CO₂-neutral IAIA Conference Event!

15-21 June 2002
Netherlands Congress Center, The Hague



IAIA'02: The Environmental Professional's Forum
bringing together environmental decision makers
in government and industry, community leaders,
and professional practitioners

IAIA

International Association for Impact Assessment



Vereniging van Milieukundigen
Netherlands Association of Environmental Professionals

W

Welcome to The Hague, Netherlands, to participate in the 22nd Annual IAIA Conference.

The conference is held in a very interesting place. The last time we met in The Netherlands was in 1985 in Utrecht. Some old-time IAIA members might have witnessed the dramatic change in The Netherlands since 1985. Other new participants will surely enjoy this place and its culture.

The timing of this conference is critical. It is now 10 years after the Rio Earth Summit, and before the World Summit on Sustainable Development to be held in Johannesburg in August this year to review the progress on the past 10 years.

The theme of the conference is very significant. It's about the impact of impact assessment – the positive and negative impact of what we think, decide and do. It's about informed decision making and sustainable development. These issues are central to the day-to-day work of many decision makers, practitioners, and researchers. Our future and the future of our next generation depend on it.

People from over 50 countries are taking part in this conference. We have brought together many key decision makers, researchers, practitioners and students from around the world to exchange views and chart future directions. The energy and enthusiasm of all of you is impressive. This conference particularly requires us to listen to each other's needs and problems, and jointly search for solutions. There are no bystanders.

I hope all of you take this opportunity to enjoy and experience this place, treasure the timing of the event, indulge in meaningful and fruitful exchanges, and dialogues around the theme of this conference. And last but not least, build friendships and network among ourselves and with our host country's people.

Not only do we want our profession and IAIA to have a positive impact on the world and our living environment, we also wish this conference to have a positive and memorable impact on you!

Elvis Au, *President of IAIA, 2001-2002*

Table of Contents

- 2 Welcome
- 4 Opportunities to Participate
- 5 AGM Agenda
- 6 General Information
- 7 Daily Schedule
- 12 Technical Sessions Overview
- 13 Workshop Visions
- 22 Poster Presenters
- 23 Concurrent Sessions Detail
- 39 Maps

IAIA'02 COMMITTEES

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Jos Arts, *Ministry of Transport, Public Works and Water Management*
Hans Gortworst, *Geoplan International*
Verina Ingram, *Royal Haskoning*
Jules Scholten, *Commission for EIA*
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Rob Verheem, *Commission for EIA*
Jan Verwoerd, *Province of South Holland*

Dutch Conference Office

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Nick Taylor, *Taylor Baines & Associates, New Zealand*
Joanna Treweek, *Komex, United Kingdom*
Gerardo Viña-Vizcaino, *Governmento Ministerio, Colombia*

Special Thank You

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

Welcome to the 22nd IAIA conference! This conference offers sharing and exchanges of views and experiences in the area of impact assessment. It also provides opportunities to stimulate cooperation across the various disciplines needed in this field, covering social, economic, and environmental issues.

The theme of the conference invites us to reflect on the role of impact assessment in the process of decision making and managing a business. In my speech, I will emphasize that and Environmental Impact Assessment should not be confused with a License to Operate. He or she who sees an IA as a “societal permit” will be in for a disillusion. Such a permit will only be accessible via positive direct stakeholder engagement. A sound IA process asks for a constant feedback of relevant environmental, societal and economic findings from researchers to the project managers to avoid “work in isolation” for both groups. Plus, more attention to the socio-economic effects of new projects: sustainable development is after all the balance and combined result of economic development, societal responsibility and environmental care.

I am looking forward to sharing my thoughts and opinion of the VII (Very Important Issue) with you at the IAIA conference in The Hague.

Henk Dijkgraaf, *President Directeur Shell Nederland*



I hereby extend to all of you a warm welcome to The Netherlands and to the 22nd annual meeting of IAIA in The Hague. On behalf of the Netherlands Association of Environmental Professionals (VVM) and its organizing committee, I cordially invite you to fully participate in the challenging program and activities we offer you.

More than two years ago, the IAIA '02 conference theme was born. *Assessing the Impact of Impact Assessment* deals with the relationship of decision making and impact assessment, with the use of knowledge in planning and policy making. This major theme has become even more alive in several parts of the world since then.

This conference wants to focus on the expectations and demands of public and private decision makers on IA, and on the consequences of these demands for professional development among IA practitioners.

We are proud to offer you a program that meets the ambition to better involve decision makers in IAIA's professional deliberations. The program has attracted high-quality contributions of participants and generated several interesting new topics and themes.

Please enjoy the opportunity to interact freely with colleagues and practitioners from all over the world. The Hague and The Netherlands have much to offer in terms of culture and scenic beauty. We hope you will experience some of that in every possible way.

I look forward to new bold initiatives and high-quality discussions, and a better understanding between decision makers and IA practitioners.

Job van den Berg, *IAIA '02 Conference Chair*

OPPORTUNITIES TO PARTICIPATE

Technical Visits

Technical visits on Saturday, Sunday, and Monday, 15-17 June, will depart from the NCC's main entrance. You must be pre-registered and pre-paid to participate. Please check in at the registration desk a minimum of 15 minutes prior to the departure time for your visit.

Opening Reception

The opening reception on Monday, 17 June, will take place from 7:00pm – 9:00pm at Madurodam. In addition to a fanciful and imaginative introduction to Holland at this fascinating miniature city, activities will include music by the St. Caecilia Band followed by welcomes from Job van den Berg, chair of the IAIA '02 Dutch organizing committee and Mr. M. Smith, The Hague Councillor of New Urban Developments and Sustainability. More music and fellowship will follow a speech by the Mayor of Madurodam, Ms. W. Verloop.

You must be pre-registered to participate. Your conference name badge is your admission ticket to Madurodam; you need to check in at the NCC prior to 6:00pm on Monday if you wish to participate. The address is George Maduroplein 1 (10 minutes' walk from the NCC). Sponsored by the Municipality of The Hague and the Province of South Holland.

Committees and Sections

Much of IAIA's progress takes place through the activities of Committees and Sections. You are invited to join any discussion; see the daily schedule for group meeting times and places.

Annual General Meeting (AGM)

All IAIA members are encouraged to participate in the IAIA Annual General Meeting. Van Goghzaal, 12:10pm - 1:00pm on Thursday, 20 June. See the agenda on page 5.

Conference Dinner

On Thursday, 20 June, from 7:30pm – 10:30pm, enjoy the conference dinner at De Ridderzaal (Hall of Knights), one of the most prestigious and unique locations in The Hague. You must be pre-registered and pre-paid to participate. The cost is US\$15 for registered delegates and US\$40 for guests. Check at the registration desk for availability. The location is Ridderzaal (Knights Hall), Binnenhof, The Hague (center). Tram numbers 16, 2, 3, 6, and 15 and bus number 4 stop near the Binnenhof. Sponsored by Shell Nederland and NAM.

INDABA Programming

The "INDABA" concept was first presented to IAIA at IAIA'95 in Durban, South Africa, and it means to keep flexibility in the program for on-the-spot ideas and creativity. During the conference, the organizing committee will provide information on how they will accommodate and arrange "spontaneous self-organization" for delegates who wish to discuss a topic not on the program, or need more time to develop a topic or to discuss a new one.

Trees for Travel

The Trees for Travel Foundation is a Dutch initiative aimed at offsetting the negative effects of travel on the environment. Trees for Travel enables air passengers to neutralize the harmful CO₂ emissions caused by the aircraft they fly in. To participate, travelers buy certificates which guarantee that new trees will be planted based on the distance they travel. NUON has sponsored enough certificates to make IAIA '02 CO₂-neutral; delegates can make this conference CO₂-positive! See the Trees for Travel desk in Jan Steenzaal from 11:30am–2:00pm on Tuesday, 18 June, through Friday, 21 June, and from 5:30pm–10:00pm on Wednesday, 19 June, to pick up pre-purchased certificates, or for information on purchasing certificates.

Wednesday Night Fever

Poster Session and Post-Poster Party

Posters are becoming a more and more important part of IAIA conferences. The poster session is scheduled for Wednesday afternoon and offers an opportunity to discuss the posters with their authors. The Best IAIA '02 Poster and the Best IAPA Paper 2001-2002 awards will also be presented during this session.

Directly following the poster session, the "post-poster party" takes place. This is a new element in IAIA meetings, specifically dedicated to networking. For this event, a marketplace is created with live Cajun and Zydeco music, an IAIA jam session, an impact assessment limerick and poetry contest, and the 'Round the World Raffle. The party includes the INDABA event, which is your opportunity to claim empty slots in the program for special sessions. Top it off with Dutch food, Dutch music, and Dutch games for an evening of information, fun and fellowship you will never forget.

'Round the World Raffle

This year's raffle will take place during the post-poster party on Wednesday, 19 June. Raffle items will be on display in the Jan Steenzaal. You may purchase tickets during the post-poster party. To "bid" on an item, drop half of your ticket into the container beside the item and keep the other half. Drawings will begin at 8:15pm. If the number called for that item matches a ticket number you have, you can claim your prize. You must be present to win! A portion of the proceeds will be divided among the students who completed the EIA of IAIA '02.

Display Table

A display table is available in the Jan Steenzaal for IAIA members to display and announce materials (leaflets, brochures, books, reports, papers, etc.). The purpose of this table is to enhance the networking role and potential for exchange of information at the meeting. No commercial (sales) materials or publications are permitted. The table is not guarded, and IAIA, the conference organizers, and the NCC are not responsible for items displayed, or left after 6:00pm on Friday, 21 June.

Book Share

Check the book share table in the Jan Steenzaal! Donate a book, or take a book if you find one that might not be readily available back home.

Council Meeting

All IAIA members are welcome to attend the IAIA Council meeting, to be held Friday 21 June from 4:00pm–5:00pm in Breित्रner 3.

EIA of IAIA'02

Students from the Technical University of Delft have prepared an EIA of IAIA'02. The IAIA Board of Directors requested the organizers of this year's conference to prepare this EIA. The results are laid down in a report and will be discussed in an open forum with representatives of the IAIA board, the students involved, and the Dutch EIA Commission.

Virtual Pre-Conference

An innovation in the preparation of IAIA conferences is the virtual pre-conference. A new tool for effective discussion on the web has been developed, sponsored by Rabobank Nederland and DHV Consultants and used by a number of workshop leaders to set the agenda for their workshops in The Hague. Check out the virtual conference at www.iaia.org.

Workshop Leaders and Session Chairs Preparation Meeting

Workshop leaders and session chairs are requested to meet for a brief preparation meeting (about 30 minutes) on Tuesday 18 June, 5:00 - 5:30pm, in Mariszaal 2.



AGM (ANNUAL GENERAL MEETING) AGENDA

Thursday 20 June • 12:10am - 1:00pm • Van Goghzaal

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

Chair: Elvis Au, *President*

1. Welcome and introduction of current Officers, Directors and Council members.
2. Review of agenda and approval of 2001 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. Report on the Washington Area Branch.
9. Written submissions to the AGM.
10. Open discussion on matters raised by members.
11. Close of the meeting.

GENERAL INFORMATION

Registration Desk Hours

Saturday 15 June	7:30am – 10:00am	Training course and technical visit participants
Sunday 16 June	7:30am – 10:00am	Training course and technical visit participants
Monday 17 June	7:30am – 6:00 pm	Technical visit participants served first
Tuesday 18 June	8:00am – 4:00pm	
Wednesday 19 June	8:00am – 4:00pm	
Thursday 20 June	8:00am – 4:00pm	
Friday 21 June	8:00am – 12:00pm	

Participants List

A list of pre-registered participants is provided in the delegate packets and posted in the registration area. For maximum post-conference benefit, please ensure that your listing is correct and make any necessary changes to the posted list.

Conference Papers and Proceedings

The abstracts volume is included in the delegate packets and is posted on the IAIA web site. The Dutch National Program Committee tentatively plans to publish conference proceedings on CD-ROM. During the conference, students will be asking you to hand over your paper on disk (MS Word format) and hard copy.

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 you in the Jan Steenzaal. You may set up your poster on 17 June any time between 9:00am and 5:00pm. You are responsible for providing any materials needed to put your poster in place. Posters should be taken down from 4:00pm-6:00pm on Friday, 21 June. IAIA, the conference organizers, and the NCC are not responsible for materials left after 6:00pm on 21 June. The poster session is scheduled at 5:30pm on Wednesday, 19 June.

Booths

Booths may be set up in the Jan Steenzaal on 17 June any time between 9:00am and 5:00pm and should be dismantled from 4:00pm-6:00pm on Friday, 21 June. IAIA, the conference organizers, and the NCC are not responsible for materials left after 6:00pm on 21 June.

Business Services

All delegates and attendees are responsible for providing their own materials. IAIA does not provide copying, fax, printing, phone, computer, or secretarial services. Photocopying and other business services are provided for a fee by the NCC Business Service Desk in the main lobby.

Parking and Coat Check

Parking is available at the NCC at Euro 10 per day. Wardrobe/coat check service is also available from the NCC in the main lobby for Euro 1 per day.

Tourist/Travel Desk

Promotion The Hague has an information desk in the Jan Steenzaal from 11:30am-2:00pm on Tuesday, 18 June, through Friday, 21 June, and from 5:30pm-10:00pm on Wednesday, 19 June. Promotion The Hague provides information and services on accommodations and bookings, The Hague and The Netherlands, public transport, restaurants, and tourist attractions. Delft blue pottery, Dutch sweets, souvenirs, postcards, maps, books, textiles, and tickets for phone credit cards, public transports, stamps, etc., are available for purchase.

PLENARY SESSIONS

- The Tuesday morning plenary session will be devoted to the central theme of the meeting: how to make IA a more effective tool for planners and decision makers. Decision makers from both policy and business backgrounds will share their visions with us on this important topic. Also during the morning, IAIA's Global Environment Award will be presented to Mr. Jan Pronk, Dutch Minister of Public Housing, Spatial Planning and Environment.
- The afternoon is devoted to a new type of IAIA plenary: problem-solving sessions. Participants are challenged to generate solutions to the issues and problems raised during the morning. Discussions will take place in five smaller groups. In each of these groups we have asked a keynote speaker to address issues from a regional perspective – Africa, Asia, Latin America, Europe, North America/New Zealand/Australia – to kick off the general discussion on how to improve IA effectiveness. Participants are asked to indicate their preference for one of the sessions at the registration desk.
- On Thursday morning, three plenary sessions are scheduled. By special invitation of IAIA's Board, the first session will highlight some typical Dutch approaches to impact assessment and decision making. The second session presents and discusses the initiative to create an International Commission for Impact Assessment (ICIA). The morning concludes with IAIA's Annual General Meeting (AGM).

SATURDAY 15 JUNE

7:30am – 10:00am Registration
 Technical visit and training course participants (NCC Main Lobby)

8:00am – 5:00pm Technical Visit A

9:00am – 5:00pm Training Courses

- Toward Better Practice in Environmental Impact Assessment (Breughel 1)
- Integrating and Implementing EIA, SEA and SIA for Policies, Plans and Projects (Breughel 2)
- Training the HIA Trainer (Breughel 3)
- Strategic Environmental Assessment: Key Elements and Practices in the European Approach (Breughel 4)

SUNDAY 16 JUNE

7:30am – 10:00am Registration
 Technical visit and training course participants (NCC Main Lobby)

8:00am – 5:00pm Technical Visit B

9:00am – 5:00pm Training Courses

MONDAY 17 JUNE

7:30am – 6:00pm Registration
 Technical visit participants served first (NCC Main Lobby)

8:00am – 5:00pm Technical Visits C and D

8:30am – 5:00pm Technical Visits E and F

7:00pm – 9:00pm Opening Reception at Madurodam

Sponsored by the Municipality of The Hague and the Province of South Holland.

TUESDAY 18 JUNE

7:30am – 9:00am IAPA Editorial Board (Zonnebloemen)

8:00am – 4:00pm Registration (NCC Main Lobby)

9:00am – 10:30am Opening Plenary (Van Gogh)

- *Chair: Jan Karel Mak*
- **Conference Introduction Video**
- **Welcome by VVM.** Jan Karel Mak, Chair VVM
- **Welcome by IAIA.** Elvis Au, IAIA President
- **Opening Address.** Jan Pronk, Minister of Public Housing, Spatial Planning and Environment
- **Global Award 2002** presented to Jan Pronk in recognition of his contribution to the "Kyoto Protocol/Climate Convention" and his role as Special Envoy to the WSSD (Rio+10)
- **Keynote Address.** Jan Franssen, The Queen's Commissioner for the Province of South Holland
- **Keynote Address.** Henk Dijkgraaf, President Directeur, Shell Nederland "Impact Assessments: A Stepping Stone Toward Sustainable Development?"

A

Urban Development in a Wetland: IJburg in the Lake IJ: Design by Evaluation

Saturday 15 June

Departure 8:00am

Host: City of Amsterdam/Project IJburg

B

Information-Based Decision Making in a Transboundary Context in the Schelde Estuary
Sunday 16 June

Departure 8:00am

Hosts: Netherlands Ministry of Water Management; Administration of Waterways and Sea, Flemish Region Belgium; Resource Analysis

C

Industrial Development in the Rotterdam Port Area: Foreign Investment and Dutch Environmental Regulations
Monday 17 June

Departure 8:00am

Hosts: Rotterdam Municipal Port Management (RMPM) in association with Lyondell Chemical Netherlands BV and Vordian Europort BV

D

Disposal of Heavily Contaminated Dredged Sludge in Lake IJssel
Monday 17 June

Departure 8:00am

Hosts: CVA Unity, Civil Engineering Division; Ministry of Transport, Public Works and Water Management (V&W)

E

Floriade 2002: The World Horticultural Exhibition in the Netherlands (Planning a Theme Park in a Polder West of Amsterdam)

Monday 17 June

Departure 8:30am

Host: ARCADIS

F

Drinking Water Production in the Coastal Dunes Near The Hague: Harmonizing Environmental Protection and Water Supply
Monday 17 June

Departure 8:30am

Host: Dune Water Company of South Holland

DAILY SCHEDULE

10:30am – 11:00am Coffee Break (Jan Steen)

11:00am – 12:30pm Plenary (Van Gogh)

- *Chair: Job van den Berg*
- **Conference Journal**
- **Keynote Address.** Professor Dominic Fobih, Minister of Environment and Science, Ghana
- **Keynote Address.** Olav Kjørven, State Secretary for International Development
- **Keynote Address.** Akira Seki, Director General Regional and Sustainable Development Department of the Asian Development Bank
- **Presentation CO₂-neutral IAIA'02 Conference.** Annemarie Goedmakers, Director Nuon Duurzame Energie

12:30pm – 2:00pm Lunch (Jan Steen)

2:00pm – 3:15pm Problem-Solving Sessions

The Africa Perspective (Mariszaal 1)

- *Facilitator: Peter Acquah, Secretary General CLEIAA, Ghana*
- **Keynote Address.** John William Kachamila, Minister for Coordination of Environmental Affairs, Mozambique
- **Keynote Address.** Alex Weaver, Director Commonwealth Scientific Industrial Research, South Africa

The Asia Perspective (Mariszaal 2)

- *Facilitator: Elvis Au, IAIA President*
- **Keynote Address.** Professor Kin Che Lam, Centre Environmental Policy and Resource Management and Chair EIA Commission Hong Kong

The Latin America Perspective (Mesdagzaal 1)

- *Facilitator: Mauricio Castro Salazar, DG de Medio Ambiente del SICIA, Secretario Ejecutivo*
- **Keynote Address.** Carlos Manuel Rodriguez, Minister of Environment, Costa Rica

The Europe Perspective (Mesdegzaal 2)

- *Facilitator: Terje Lind, Deputy Director General Environment, Norway*
- **Keynote Address.** Verstryngje Acting DG Environment EC

The North America/New Zealand/Australia Perspective (Frans Halzaal)

- *Facilitator: Malcolm Forbes, Assistant Secretary Environment Assessment and Approvals Branch, Australia*
- **Keynote Address.** Jean-Etienne Klimpt, Corporate Director of Environment, Hydro-Quebec, Canada

IA in Global Context Workshop (Vermeerzaal 1)

- *Facilitator: Marius Enthoven, Director Government Services, Dutch Investment Bank, The Netherlands*
- **Keynote Address.** Ton Hoff, Manager Environmental Affairs, Shell The Netherlands

3:15pm – 3:45pm Coffee Break (Jan Steen)

3:45pm – 5:00pm Continuation of Problem-Solving Sessions

5:00pm – 5:30pm Workshop Leaders Instruction (Mariszaal 2)

5:30pm – 7:00pm Committee Meetings

- Training & Professional Development Committee (Mariszaal 1)
- Awards Committee (Mariszaal 2)
- Public Affairs Committee (Mesdagzaal 1)
- Sections Coordinating Committee (Mesdagzaal 2)
- Board Nominations Committee (Frans Halszaal)

WEDNESDAY 19 JUNE

7:30am – 9:00am Committee Meetings

- Publications Committee (Breitner 3)
- Affiliates Committee (Escher 1)

8:00am – 4:00pm Registration (NCC Main Lobby)

9:00am – 10:30am Concurrent Sessions

- 6.1 Ecological & Biodiversity IA: Case Studies in Best Practice: Assessing Effectiveness of Current Practice (Breughel 1)
- 7.1 Sustainability IA: Sustainability Assessment – Concepts (Breughel 2)
- 9.1 Cumulative IA (Breughel 3)
- 11.1 EMS & Auditing (Breughel 4)
- 19.1 IA in Region Africa (Breughel 5)
- 16.1 IA & Transboundary Water Issues: Cases (Escher 1)
- 20.1 IA for Linear Infrastructure Projects: Concepts & Frameworks (Escher 2)
- 27.1 Quality in IA (Frans Halszaal)
- 2.1 Social IA: A Focus on the Means of Analysis, Presentation, Communication in SIA Application (Mariszaal 1)
- 17.1 IA In Region Eastern Europe (Mariszaal 2)
- 14.1 Environmental Legislation: Effectiveness of Instruments and Regulations
- 1.1 SEA: From EIA to SEA – The Case of Europe (Vermeerzaal 1)
- 5.1 Health IA: HIA Kaleidoscope (Vermeerzaal 2)

10:30am – 11:00am Coffee Break (Jan Steen)

11:00am – 12:30pm Concurrent Sessions

- 6.2 Ecological & Biodiversity IA: Business and Industry Taking the Lead – Heroes or Zeroes? (Breughel 1)
- 7.2 Sustainability IA: Sustainability Assessment in SEA (Breughel 2)
- 9.2 Cumulative IA (Breughel 3)
- 11.2 EMS & Auditing (Breughel 4)
- 19.2 IA in Regional Africa (Breughel 5)
- 26.1 IA in World Trade: UNEP's Session on Integrated Assessment of Agricultural Trade Liberalization: Defining Policies for Environmental Protection and Sustainability (Breitner 3)
- 4.1 Human Rights IA: Toward a Framework (Escher 1)
- 20.2 IA for Linear Infrastructure Projects: Methods and Methodologies (Escher 2)

27.2	Quality in IA (Frans Halszaal)
2.2	Social IA: Applications of SIA for Major Facilities and Infrastructure (Mariszaal 1)
17.2	IA in Region Eastern Europe (Mariszaal 2)
14.2	Environmental Legislation: Legal Bottlenecks and Reforms (Mesdagzaal 1)
13.1	IA of Urban Development: Development Planning and EIA (Mesdagzaal 2)
1.2	SEA: European Environmental Assessment Practice and the SEA Directive (Vermeerzaal 1)
5.2	Health IA: HIA in Practice (Vermeerzaal 2)
12:30am – 2:00pm	Lunch (Jan Steen)
2:00pm – 3:30pm	Concurrent Sessions
6.3	Ecological & Biodiversity IA: Assessing the Status of the CBD and Incorporation of Indigenous Knowledge in IA (Breughel 1)
7.3	Sustainability IA: Sustainability Assessment in Sectoral Planning (Breughel 2)
9.3	Cumulative IA (Breughel 3)
10.1	IA Follow-up: Follow-up Processes (Breughel 4)
18.1	IA in Region Asia (Breughel 5)
26.2	IA in World Trade: UNEP's Session in Integrated Assessment of Agricultural Trade Liberalization: Defining Policies for Environmental Protection and Sustainability (Breitner 3)
21.1	IA and Information Technology (Escher 1)
22.1	IA Training & Capacity Building: Training and Capacity Building in Africa (Escher 2)
27.3	Quality in IA (Frans Halszaal)
2.3	Social IA (Mariszaal 1)
3.1	Public Participation in IA: Assessing the Impact of Public Participation (Mariszaal 2)
14.3	Environmental Legislation: European Regulations and Accession (Mesdagzaal 1)
13.2	IA of Urban Development: Community Involvement (Mesdagzaal 2)
1.3	SEA: Aspects of Effective SEA Application (Vermeerzaal 1)
5.3	Health IA: Effective Instruments for HIA (Vermeerzaal 2)
3:30pm – 4:00pm	Coffee Break (Jan Steen)
4:00pm – 5:30pm	Concurrent Sessions
6.4	Ecological & Biodiversity IA: Assessing the Impact of Guidelines and Legislation (Breughel 1)
7.4	Sustainability IA: Sustainability Assessment – Strategies and Recommendations (Breughel 2)
32	EFIEA (Breughel 3)
10.2	IA Follow-up: Innovations in Follow-up – i.e., Specific Follow-up Tools, Techniques or Approaches (Breughel 4)
18.2	IA in Region Asia (Breughel 5)
21.2	IA and Information Technology (Escher 1)
22.2	IA Training & Capacity Building: Panel Discussion (Escher 2)
27.4	Quality in IA: Panel Discussion (Frans Halszaal)
2.4	Social IA: SIA Applications/Approaches in Different Countries (Mariszaal 1)
3.2	Public Participation: Public Participation and Minorities (Mariszaal 2)
14.4	Environmental Legislation: Role of Institutions (Mesdagzaal 1)
13.3	IA of Urban Development: Methods and Tools (Mesdagzaal 2)
1.4	SEA: SEA Systems in Different Contexts (Vermeerzaal 1)

5.4	Health IA: Qualitative and Quantitative Data: The Evidence Base for HIA (Vermeerzaal 2)
5:30pm – 10:00pm	Poster Session and Post-Poster Party (Jan Steenzaal)

THURSDAY 20 JUNE

7:30am – 9:00am Section Meeting

- Social Impact Assessment Section (Zonnebloemen)

8:00am - 5:00pm Registration (NCC Main Lobby)

8:45am – 11:00am Plenary Session (Van Gogh)

- *Chair: Job van den Berg, IAIA '02 Conference Chair*
- **Conference Journal**
- Roel in't Veld, Chair of the Dutch Council for Environmental and Ecological Research (RMNO) "Shall the Twain Never Meet? Dutch Lessons on Knowledge Use by Policy Makers"
- Fred Langeweg, Deputy-Director Environmental Research Division of the National Institute for Public Health and Environment (RIVM) "Environmental Assessment in The Netherlands: Moving Toward a Strategic Assessment of Sustainable Development"
- **The ICIA Initiative**
- *Chair: Niek Ketting, Chair of the Dutch Commission for EIA*
- Niek Ketting "The ICIA Initiative: Introduction"
- **Presentations on the Need for the ICIA**
- Professor Dominic Fobih, Minister of Environment and Science, Ghana
- Roelof Platenkamp, Exploration and Production Manager, NAM Gas and Oil Company, The Netherlands
- Henning Arp, Member of the Cabinet of the Commissioner of the Environment, European Commission, Brussels
- **Closing Statement.** Niek Ketting

11:00am – 11:30am Coffee Break (Jan Steen)

11:30am – 12:10pm Awards Plenary Session (Van Gogh)

- *Chair: Frank Vanclay, 2001-2002 Awards Committee Chair*
- Institutional Award presented to the International Institute for Environment & Development
- Individual Award presented to Maria Partidario
- Regional Award presented to Annelies Stolp

12:10pm - 1:00pm Annual General Meeting (AGM) (Van Gogh)

1:00pm – 2:00pm Lunch (Jan Steen)

2:00pm – 3:30pm Concurrent Sessions

- 6.5 Ecological & Biodiversity IA: Pulling It All Together – Major Issues and Best Practice Recommendations in Biodiversity and IA (Breughel 1)
- 31.1 Knowledge Utilization in Policy-making: Dutch Lessons (Breughel 2)
- Indaba (Breughel 3)
- 10.3 IA Follow-up: The Mitigation Measure Aspect of Follow-up (Breughel 4)
- 19.3 IA in Regional Africa (Breughel 5)
- 26.3 IA in World Trade, Part 2: Integrated Assessments and World Trade Policy, Post-Doha (Breitner 3)
- 16.2 IA & Transboundary Water Issues: Lessons Learned – Interactive Discussion (Escher 1)
- 20.3 IA for Linear Infrastructure Projects: Case Studies (Escher 2)
- 30.1 EIA in the Netherlands: Dutch EIA Trends (Frans Halszaal)
- 2.5 Social IA: SIA Away from the City (Mariszaal 1)
- 3.3 Public Participation in IA: Public Participation in Practice 1 (Mariszaal 2)
- Indaba (Mesdagzaal 1)
- Indaba (Mesdagzaal 2)
- 1.5 SEA: Strategic Methodologies (Vermeerzaal 1)
- 5.5 Health IA: Integrative Approaches (Vermeerzaal 2)

3:30pm – 4:00pm Coffee Break

4:00pm – 5:30pm Concurrent Sessions

- 23 International Commission of Impact Assessment (ICIA) (Breughel 1)
- 31.2 Knowledge Utilization in Policy-making: Experiences from Various Countries (Breughel 2)
- 12.1 IA in Industry Development (Breughel 3)
- 10.4 IA Follow-up: Implications for Decision Making Management (Breughel 4)
- 4.2 Human Rights: Human Rights IA for Business Operations (Breughel 5)
- Indaba (Breitner 3)
- 25.1 Linking IA and Management Tools (Escher 1)
- 22.3 IA Training & Capacity Building: Training and Capacity Building, General (Escher 2)
- 30.2 EIA in The Netherlands: Future Trends (Frans Halszaal)
- 8.1 Integrated IA: What Do We Mean By Integration and Integrated Approaches? (Mariszaal 1)
- 3.4 Public Participation in IA: Public Participation in Practice 2 (Mariszaal 2)
- Indaba (Mesdagzaal 1)
- Indaba (Mesdagzaal 2)
- 1.6 SEA: SEA Guidance and Practice (Vermeerzaal 1)
- 5.6 Health IA: The Way Forward – Should Health and Social Impact Assessments Be Integrated? (Vermeerzaal 2)

5:30pm – 7:00pm Section Meetings

- Environmental Law Section (Mariszaal 1)
- Biodiversity Section (Mariszaal 2)
- SEA Section (Breughel 4)
- Urban Impacts Section (Mesdagzaal 1)
- Public Participation Section (Mesdagzaal 2)

- EMS Section (Vermeerzaal 1)
- Health Impact Assessment Section (Vermeerzaal 2)
- Trade & Environment (Breughel 1)
- Indigenous People's Section (Franz Halszaal)

7:30pm – 10:30pm Conference Dinner De Ridderzaal

(Hall of Knights) Sponsored by Shell Nederland and NAM

- Rose-Hulman Award: presented to Shirley Conover
- Award presentations: Outstanding Service, Honorable Mention, Certificates of Appreciation

FRIDAY 21 JUNE

8:00am – 12:00pm Registration (NCC Main Lobby)

9:00am – 10:30am Concurrent Sessions

- Indaba (Breughel 1, Breughel 2)
- 12.2 IA in Industry Development (Breughel 3)
- 24 IA for IAIA'02 (Breughel 4)
- Indaba (Breitner 3)
- 25.2 Linking IA and Management Tools (Escher 1)
- 28.1 IA and Indigenous People: Indigenous People and EIA—Frameworks for Decision-making (Escher 2)
- 15.1 IA for Dams and Water Projects (Frans Halszaal)
- 8.2 Integrated IA: Integrating Social Processes and Social Impacts into EIA (Mariszaal 1)
- 3.5 Public Participation in IA: Public Participation in Practice 3 (Mariszaal 2)
- Indaba (Mesdagzaal 1)
- Indaba (Mesdagzaal 2)
- 1.7 SEA: Decision Making and SEA (Vermeerzaal 1)
- 5.7 Health IA: HIA in Its Societal Context (Vermeerzaal 2)

10:30am – 11:00am Coffee Break (Jan Steen)

11:00am – 12:30pm Concurrent Sessions

- Indaba (Breughel 1)
- Indaba (Breughel 2)
- 1a.1 The Decision Making Process in Focus - ANSEA: A Project Report (Breughel 5)
- 26.4 IA in World Trade, Part 2: Integrated Assessments in World Trade Policy, Post-Doha (Breitner 3)
- 29 Meet the Editors (Escher 1)
- 28.2 IA and Indigenous People: Indigenous Peoples and IA—Meeting the Challenge Case Studies (Escher 2)
- 15.2 IA for Dams and Water Projects (Frans Halszaal)
- 8.3 Integrated IA: Future Directions for Integration—Some Perspectives (Mariszaal 1)
- 3.6 Public Participation in IA: Public Participation in the Electronic Age—Discussion Session with Report (Mariszaal 2)
- 14.5 Environmental Legislation: Round Table (Mesdagzaal 1)
- Indaba (Mesdagzaal 2)
- 1.8 SEA: SEA—The Way Forward (Vermeerzaal 1)

- 5.8 Health IA: Identifying the Key Challenges and Issues in Implementing and Integrating HIA (Vermeerzaal 2)

12:30pm – 2:00pm Lunch (Jan Steen)

2:00pm – 3:30pm Closing Plenary (Van Gogh)

- *Chair: Elvis Au*
- **Conference Journal**
- **IAIA'02 Findings and Concluding Statements.** Job van den Berg, IAIA'02 Conference Chair
- **Presidential Address.** Peter Leonard, IAIA President-Elect
- **Introduction and Invitation to IAIA'03.** Moulejouch Jaâfar and Nassim Samir
- **Close of Conference** Elvis Au and Peter Leonard

3:45pm - 4:45pm Council Meeting (Breitner 3)

NOTES

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 see 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 than 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. 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

	Wednesday 19 June				Thursday 20 June		Friday 20 June	
	9:00-10:30	11:00 - 12:30	2:00 - 3:30	4:00 - 5:30	2:00 - 3:30	4:00 - 5:30	9:00 - 10:30	11:00 - 12:30
Breughel 1	Ecological/ Biodiversity IA 6.1	Ecological/ Biodiversity IA 6.2	Ecological/ Biodiversity IA 6.3	Ecological/ Biodiversity IA 6.4	Ecological/ Biodiversity IA 6.5	ICIA 23	Indaba	Indaba
Breughel 2	Sustainability IA 7.1	Sustainability IA 7.2	Sustainability IA 7.3	Sustainability IA 7.4	Knowledge Utilization in Policy Making 31.1	Knowledge Utilization in Policy Making 31.2	Indaba	Indaba
Breughel 3	Cumulative IA 9.1	Cumulative IA 9.2	Cumulative IA 9.3	EFIEA	Indaba	IA in Industry Development 12.1	IA in Industry Development 12.2	
Breughel 4	EMS & Auditing 11.1	EMS & Auditing 11.2	IA Follow-Up 10.1	IA Follow-Up 10.2	IA Follow-up 10.3	IA Follow-up 10.4	IA for IAIA'02 24	
Breughel 5	IA in Africa 19.1	IA in Africa 19.2	IA in Asia 18.1	IA in Asia 18.2	IA in Africa 19.3	Human Rights 4.2		Strategic EA Special ANSEA Session 1a.1
Breitner 3		IA in World Trade 26.1	IA in World Trade 26.2		IA in World Trade 26.3	Indaba	Indaba	IA in World Trade 26.4
Escher 1	IA & Transboundary Water Issues 16.1	Human Rights 4.1	IA & Information Technology 21.1	IA & Information Technology 21.2	IA & Transboundary Water Issues 16.2	Linking IA & Management Tools 25.1	Linking IA & Management Tools 25.2	Meet the Editors 29
Escher 2	IA for Linear Infrastructure Projects 20.1	IA for Linear Infrastructure Projects 20.2	IA Training & Capacity Building 22.1	IA Training & Capacity Building 22.2	IA for Linear Infrastructure Projects 20.3	IA Training & Capacity Building 22.3	IA and Indigenous People 28.1	IA and Indigenous People 28.2
Frans Halszaal	Quality IA 27.1	Quality IA 27.2	Quality IA 27.3	Quality IA 27.4	EIA in The Netherlands 30.1	EIA in The Netherlands 30.2	IA for Dams & Water Projects 15.1	IA for Dams & Water Projects 15.2
Mariszaal 1	Social IA 2.1	Social IA 2.2	Social IA 2.3	Social IA 2.4	Social IA 2.5	Integrated IA 8.1	Integrated IA 8.2	Integrated IA 8.3
Mariszaal 2	IA in Eastern Europe 17.1	IA in Eastern Europe 17.2	Public Participation 3.1	Public Participation 3.2	Public Participation 3.3	Public Participation 3.4	Public Participation 3.5	Public Participation 3.6
Mesdagzaal 1	Environmental Legislation 14.1	Environmental Legislation 14.2	Environmental Legislation 14.3	Environmental Legislation 14.4	Indaba	Indaba	Indaba	Environmental Legislation 14.5
Mesdagzaal 2		IA of Urban Development 13.1	IA of Urban Development 13.2	IA of Urban Development 13.3	Indaba	Indaba	Indaba	Indaba
Vermeersaal 1	SEA 1.1	SEA 1.2	SEA 1.3	SEA 1.4	SEA 1.5	SEA 1.6	SEA 1.7	SEA 1.8
Vermeerzaal 2	Health IA 5.1	Health IA 5.2	Health IA 5.3	Health IA 5.4	Health IA 5.5	Health IA 5.6	Health IA 5.7	Health IA 5.8

WORKSHOP 1

SEA

Whilst during much of the 1990s confusion existed around the decision making instrument strategic environmental assessment (SEA), it is probably fair to say that more recent years have seen a rather impressive growth in its appreciation and understanding. Based on the results and conclusions of recent research studies, meetings, and conferences, it appears more clarity exists as how to properly apply SEA in different situations and contexts. This particularly includes the use of SEA in achieving sustainable development in terms of previously defined (but possibly flexible) objectives and targets. Furthermore, there is increasing appreciation of the tiered nature of SEA and the need to fine-tune the process to specific requirements of the underlying policy, plan or program. All this means that SEA has now become a mature instrument, waiting to be extensively applied. However, despite this impressive progress, SEA is currently still not as widely known as one might possibly expect from this potentially very beneficial decision making support instrument. "Selling" SEA, therefore, is currently one of the most urgent tasks the SEA community is faced with. In this context, the positive role of SEA in effective decision making needs to be better highlighted and success stories need to be told. In particular, the simple, integrative and flexible nature of SEA and its potentially positive role in helping to avoid wasting natural and financial resources should be stressed in order to convince practitioners to use SEA.

WORKSHOP LEADER: *Thomas Fischer*

WORKSHOP 2

Social IA

Under the guidance of Frank Vanclay, the SIA Section has put considerable effort over the past few years into developing a set of principles and guidelines for the practice of SIA. The most recent workshop on these was held at IAIA'01 in Cartagena, Colombia. It is

now time to be charting some other new directions, based on what practitioners and users of SIA believe to be the current issues for professional practice and professional development in various countries around the globe. The conference theme for IAIA'02—"how to make impact assessment a more effective and stimulating tool for planners and decision makers"—provides us with a good opportunity to reflect, discuss, and decide on some new professional directions and priorities.

WORKSHOP LEADER: *James Baines*

WORKSHOP 3

Public Participation in IA

This workshop will focus on themes closely related to the Conference's overall theme: assessing the impact of impact assessment. We solicit contributions that focus on the impact of public participation and stakeholder participation on (strategic) impact assessment and policy making. Contributions with an evaluative and/or prescriptive character, suggesting how to make strategic/environmental impact assessment suited for public participation are very much welcomed. Contributions from developing and transitional countries are especially sought.

Two more themes will be addressed: the role of electronic communications in public participation and the stakeholder involvement/public participation dichotomy. Electronic communications from Internet to group support systems are penetrating rapidly into our fields. How are they being used? How do they support public participation? How do they contribute to the quality of impact assessment? What approach is preferred at what stage in strategic planning processes and impact assessment? Whom to involve: the general public or selected stakeholders? How does this choice affect the outcomes of impact assessment? The sessions on public participation will be participative. We explicitly solicit contributions that allow for direct interaction and discussion, fun and excitement!

WORKSHOP LEADER: *Bert Enserink*

WORKSHOP 4

Human Rights

There is growing consensus on the need for more systematic, in-depth and transparent reporting on the formulation and implementation of policies, in order to assess the combined effects, to learn from results and to enhance accountability. Within the human rights community, research institutions and various intergovernmental bodies' activities are taking place concerning the development of instruments to measure human rights performance. At the same time, there is an increasing call at the political level to assess the impact of policy measures. The challenge is to combine these trends for the benefit of human rights promotion and protection. Human Rights Impact Assessment (HRIA) could be of assistance in this process. The following issues will be discussed:

- Lessons to be learned from existing IA approaches such as Strategic Environmental Assessment.
- The constituent elements of HRIA for policies with an external effect.
- Developing a framework; the focus will be on foreign affairs and the broader area of external relations.
- The function and place of HRIA in decision-making processes.
- Identification of the needs of policy-makers, parliamentary bodies, academics/human rights institutions and NGOs; bringing together the demand and supply side.
- What is needed at different levels of decision making and for different policy areas.
- How can these needs be met; how to make HRIA user-friendly, cost-effective, tailored to different policy areas and levels of decision making.
- How to move forward at academic, NGO and governmental level.

WORKSHOP LEADER: *Marike Radstaake*

WORKSHOP 5

Health Impact Assessment— Opportunities for Healthy Policy Making

In the Health Impact Assessment (HIA) stream, the question is put forward: what opportunities for healthy policy making are provided by HIA and what opportunities are there for HIA researchers to be “heard”? What happens with HIA results? Do they meet information needs of policy makers, interest groups, and other stakeholders?

On every policy level—international, national, regional or local—interest in HIA is growing under those designing programs or projects, including agencies such as the EU, WHO and World Bank.

Opportunities are provided by cross-boundary cooperation in impact assessment. Policy-influenced determinants of health comprise lifestyle, physical, economic, social circumstances, and health care. HIA crosses borders, sometimes linking up with EIA or SEA, with SIA or other IA.

Presentations and sessions in the HIA stream refer to the inclusion of health in prospective assessment of policies, programs and projects or through strategic assessment.

Stream themes:

HIA kaleidoscope

This ‘warming up’ session will be the kick-off for the HIA stream. A number of instruments, approaches, and methods will be presented, focusing on HIA as a tool for healthy policy making.

HIA in practice

In this session HIA carried out in different fields and contexts will be presented. The scope will be to define success factors for HIA. What works? When does HIA have a clear impact on policies, programs or projects? And how can we improve our work in this respect? Examples from practice will show opportunities and difficulties encountered in the HIA process.

Effective instruments for HIA

In this workshop several tools, instruments, and methods developed for

HIA will be presented, focusing on their effectiveness regarding healthy policy-making.

Qualitative and quantitative data: the evidence base for HIA

If HIA is to have any impact on policies, programmes or projects, the predictions made should be plausible, credible and usable for policy makers as well as for other stakeholders. What does this mean for the evidence base of HIA? How ‘hard’ should data be? Can we perform HIA on policies/ programmes which are difficult to assess for quantitative health effects? Under which conditions? Should elements such as well-being or quality of life be integrated in HIA? These are some of the central questions of this session.

The way forward: should health and social impact assessments be integrated?

This session will be organised as a panel discussion. Through an open dialogue format, the session will explore the feasibility and desirability of integrating Health and Social Impact Assessments into a Human Impact Assessment, and what may be necessary to proceed if integration is considered viable.

Integrative approaches

In this session the focus will be on integrating HIA with other IA in a general sense. The aim is to identify questions -and perhaps answers- regarding theory, practice, and strategy. In the last session of the HIA stream these questions will be addressed from a very practical perspective.

HIA in its societal context

In this workshop the central topic is how HIA can relate to different stakeholders and sectors, focusing on implementation of HIA results in projects, programs, and policies. Opportunities and challenges posed by different (policy) contexts will be discussed.

Identifying the key challenges and issues in implementing and integrating HIA.

This session will review the recent practical experience in implementing and trying to integrate HIA in the IA of development and sectoral policies, including in EIA and SEA. Country

perspectives and experience and current international developments will be reviewed to learn from successes, identify constraints, and propose next steps that could be taken to facilitate that further implementation of HIA can adequately answer current challenges for the health sector. The session will be set up as a dialogue workshop, and the results will be fed into the planning of the new WHO HIA programme.

WORKSHOP LEADER: *Lea den Broeder*

WORKSHOP 6

Ecological & Biodiversity IA

The workshop on biodiversity and ecology in impact assessment comprises sessions about:

- Biodiversity in Impact Assessment: Lessons from case studies at project level EIA and Strategic Environmental Assessment. How to incorporate biodiversity as we proceed from project level EIA to SEA; can generic ‘best practice’ guidelines for SEA be developed, similar to the CBD guidelines for project level EIA?
- The Convention on Biological Diversity (CBD) Guidelines on Biodiversity in EIA: How successful has implementation been at country level. The guidelines on Biodiversity in EIA endorsed by the SBSTTA 7 (Nov 2001) have a generic format. Are there any pilot projects attempting to implement these guidelines and incorporate them into EIA? How appropriate and practical are the guidelines in implementation? Can we further refine the implementation steps required? (SBSTTA = Subsidiary Body on Scientific, Technical and Technological Advice of the Convention on Biological Diversity)
- Traditional Knowledge: How do we ensure we incorporate traditional biodiversity and ecological knowledge and perspectives into EIA, SEA, and baseline information acquisition? Can traditional knowledge help overcome the huge gaps in baseline information needed to incorporate biodiversity in IA?

- Industry and Business: Perspectives from the end-users; how do we ensure practical incorporation of biodiversity and ecology into IA and not create another theoretical stick to beat industry/developers with; can we devise a “team approach” with regulators which effectively incorporates biodiversity and ecology?

Time is set aside in this workshop to try to pull these different areas together, depending on the response to each of the above topics.

WORKSHOP LEADER: *Nick King*

WORKSHOP 7 Sustainability IA

Sustainability is the focus of convergence for several overlapping approaches to impact assessment. These are variously labelled and defined. Some of the terms used include environmental assessment for sustainability assurance (ESA), integrated environmental management, integrated impact assessment, and sustainable development assessment. A broad, flexible interpretation of this emerging sub-field is encouraged for this workshop, which addresses the following aspects and areas relating to the theory and practice of impact assessment as a sustainability instrument:

- Operational definitions, principles and criteria of sustainability processes and procedures for incorporating and applying sustainability as part of assessment.
- Methods and tools for assessing the sustainability of development proposals and activities.
- Case studies and examples of use of impact assessment for this purpose.
- Practitioner competencies, skills and types of expertise that are required to conduct sustainability assessments.

WORKSHOP LEADER: *Barry Sadler*

WORKSHOP 8 Integrated Impact Assessment

There is a risk that when we talk about “integration” it invariably means different things to different people. A ‘road map’ for change was first devised at IAIA’99 in Glasgow and developed further at IAIA’00 in Hong Kong. This will be used as a baseline for The Hague workshop, enabling discussion of progress and trends. Although significant progress has been made over this 3 year period, there perhaps remains a large gap between potential and practice in striving towards the goal of more sustainable development.

A diverse range of papers, involving several aspects of integration, has been received in response to the original vision put out in the preliminary programme. Some are concerned with tools and techniques for combining environmental, social and economic aspects, many with the integration of social issues into EIA, and others with more efficient ways of informing decision procedures. The papers have been grouped into 3 sessions: the first concerned principally with what is meant by integration and integrated approaches; the second on integrating social processes and impacts into EIA, and the third covering some perspectives on future directions for integration.

WORKSHOP LEADER: *Andrew Brookes*

WORKSHOP 9 Cumulative IA

The Cumulative Effects Workshop will present information directly relevant to the IAIA’02 theme. Assessing the cumulative effects (CEA) that exist is a study of all impacts in an area, the impacts of a project being reviewed in combination with those of other human activities, i.e., the real summation of effects as opposed to those that are based on a specific project. To make effective decisions on any project, the decision maker (be it regulator, proponent, affected public, or financial lender) must give consideration to how a project will “fit” (ecologically, socially, etc.) into the existing situation. Thus, one must know the state

of the receiving environment, i.e., the cumulative effects. Without such a context, project decisions are too often ineffective.

Although the practice of cumulative effects assessment has been maturing as processes and models are developed, many fascinating avenues are yet to be explored. This IAIA’02 workshop will present the latest progress on methods for:

- Managing cumulative effects –challenging the traditional roles of our agencies and jurisdictions.
- Integrating – project CEA with regional land use and social thresholds.
- Applying CEA principles – particularly in developing countries where EA has gained a foothold.
- Accepting the importance of CEA – we cannot ignore the real, total effects on the land and/or our social structures.

WORKSHOP LEADERS: *Bill Ross and Roger Creasey*

WORKSHOP 10 IA Follow-up

This workshop is intended to fulfill a number of objectives:

1. Share good experiences in (E)IA follow-up, especially in relation to decision-making and issue management in post-EIA stages.
2. Promote the network of practitioners involved in follow-up.
3. Discuss and develop an international framework that may be used for conducting follow-up.

The workshop will bring together practitioners of (E)IA to share their experiences and knowledge regarding EIA follow-up, focusing on experiences in EIA follow-up pertinent to decision-making and issue management. Good examples and cases demonstrating the usefulness of EIA follow-up for decision making and management, and ways to enhance the relevance of EIA follow-up in this regard, are sought. In this regard, the workshop builds on earlier EIA follow-up workshops in the last two IAIA conferences.

The workshop format will include presentation sessions of some ten papers (preferably based on recent case studies or research) and a plenary session led by the workshop organizers. A draft of a framework on follow-up will be presented and discussed at the plenary session in an effort to develop it further and to make it applicable at an international level. As in earlier years, the workshop will produce a CD-ROM containing the proceedings of the workshop and a collaborative article from the results of the workshop could be authored for publication in a journal (e.g., *Impact Assessment and Project Appraisal*).

WORKSHOP LEADERS: *Angus Morrison-Saunders, Jill Baker and Jos Arts*

WORKSHOP 11

EMS and Auditing

Environmental Management Systems (EMS) provide a framework within which environmental policies and objectives can be set and monitored, and roles and responsibilities are assigned and checked. One well-known EMS standard is ISO 14001, an internationally recognized standard that sets forth the requirements of an EMS: Environmental Policy, Planning, Implementation and Operation, Checking and Corrective Action, and Management Review.

Identifying aspects, impacts, and mitigation measures is common to both an EMS and EIA. The EMS helps manage the environmental impacts and initiatives, and helps ensure the organization is on track to meeting its environmental commitments. EMS can be structured to include and build on the evaluation, assessment, monitoring, reporting, reviewing, and other management activities associated with environmental assessment. It follows the simple "Plan Do Check Act philosophy"—plan what you're going to do, do what you plan, check what you've done, and act to review and improve.

EMS is a practical way to manage the organization's impact on the environment and to ensure everyone in the organization is involved. It also helps organize records and reporting, so in the long run, it saves time and money. Progress can be monitored and evalu-

ated against the objectives and goals that have been set. These features of an EMS can help decision makers determine priority areas within their organization where they'd like to see progress made and where resources should be allocated.

WORKSHOP LEADER: *Debra Zanewich*

WORKSHOP 12

IA in Industry Development

Industry leaders have recognized that a properly timed and well-organized IA contributes to improved design, minimization of long term risk and communication with a wide range of stakeholders. However, IA is still seen by some as simply a hurdle to be overcome in the regulatory approval process. In such cases, the focus remains on limited environmental impacts, and inadequate and poorly designed assessment processes end up providing little long term value. Objectives of this session:

- Document best practice in industry EIA, including developed and developing countries.
- Demonstrate how and where project changes have resulted in more appropriate design and execution.
- Indicate how the use of social and health impact assessment is adding value to the development objectives.
- Demonstrate the integration of the EIA process within project planning to address key social, structural or environmental issues.

Participants will be those who are actively engaged in industry IA as proponents, consultants, civil society or governmental regulators. Points of view will be welcomed from all sides. It is expected that excellence in performance, new techniques, means to engage stakeholders, and integration of all aspects including social, environmental, biodiversity and health will be presented and discussed. New means of applying IA concepts will be explored and ideas to make EIA more efficient through the use of management plans, monitoring programs, community and independent inspec-

tions will be welcome.

WORKSHOP LEADER: *Murray Jones*

WORKSHOP 13

IA of Urban Development

The world of the 21st century will be an urban world. Current assumptions expect that by 2005 more than 50%, and by 2025 approximately 2/3 of the world population, will be living in urban areas—amounting to some 5 billion urban residents. Ninety percent of this growth will occur in countries of the developing world. In parallel, cities are becoming the world's key social, economic, cultural and political framework—the test-bed for the adequacy of political institutions, the performance of government agencies, and the effectiveness of programs to combat social exclusion and economic development projects (CERFE/ UNCHS, 1995: Review of Current Trends in Economic and Social Development; Research Project, Draft Final, Sept. 1995). Given the strong relation between (national) economic growth and urbanization, it is now accepted that urbanization is not only inevitable, but is also a positive phenomenon without which the economic development gaps between the richer and the poorer countries can never be mitigated. Globalization, sustainable development, and the changing role of nation-states and government are the setting for future urbanization processes. For better or for worse, the development of contemporary society will depend largely on understanding, managing and guiding the growth of cities.

This workshop will look at ways and means of cities and urban areas in addressing the challenges of blending economic growth with social and environmental sustainability. Which tools and instruments of planning and impact assessment are applied to address these issues – and how are they combined? How do the different levels of decision-making – from national to local – interact? These are but a few questions the workshop hopes to address. Planners and environmentalists alike are invited to participate.

WORKSHOP LEADER: *Markus Eggenberger*

WORKSHOP 14

Environmental Legislation

This workshop intends to assess how environmental legislation on impact assessment is implemented, and how decision makers in companies and institutions realize the maximum benefit impact assessment as an instrument can have for achieving more sustainable projects, programs, plans and policies in all sectors of the economy.

Specifically, the workshop intends to open and develop a debate on difficulties, problems and successes of environmental legislation as to:

- Full implementation of Strategic Environmental Assessment of programmes, plans and policies (including trade policies).
- A more demanding monitoring of EIA-SEA.
- Real public information and participation in decision making in impact assessment in light of the Aarhus Convention.
- A more accurate integration of impact assessment within institutional matters, including institutional economics.

The workshop will analyze the links between legal and institutional organizational matters in the decision making process and the implementation of impact assessment.

WORKSHOP LEADERS: *José-Luis Salazar and Nightingale Rukuba-Ngaiza*

WORKSHOP 15

Impact Assessment of Dams and Water Projects: Beyond the WCD Report

The World Commission on Dams report highlights EAs and SAs as a key tool for decision making on dams. This could be an opportunity to review the practice of EAs of dams and water projects, and how they evolved to meet new demands from various social actors and decision makers. Topics to be discussed include: What changes could be expected in the study of future dams in light of the WCD conclusions and recommendations? How can the "development effectiveness" approach to EAs of dams and water projects be integrated? Can EA/SA respond to the broadened agenda around water projects? How

do the technical and political processes interact in the preparation of EAs and SAs?

WORKSHOP LEADER: *Elizabeth Monosowski*

WORKSHOP 16

IA & Transboundary Water Issues

Decision support based on studies of environmental impacts and cost benefit analysis is a special challenge in a transboundary context. Increased need to international agreements on water management, infrastructure and economic development calls for joint planned and vision development in cross-border regions. International treaties such as RAMSAR and the Habitat Directive of the European Union focus on the quality of natural habitats of, e.g., rivers and estuaries itself, while the decision makers will have to deal with national interests and political borders. International treaties bring the obligation to compensate for environmental damage; compensating measures must be an integrated part of the projects involved. How can we maximize benefits from joined vision and policy planning when economic benefits of the project will be mainly for one country and environmental damage for the other? How to deal with cultural differences and different regulations when joined planning and vision development is needed? How to overcome traditional differences in interpretation of facts and figures? And what do the decision makers want to know from EIA and cost benefit analysis in transboundary projects?

The two sessions of the workshop will deal with

1. Methodology of joined vision development and policy planning.
2. EIA and cost benefit analysis in the transboundary decision making process.

During the workshop, the case of the Schelde Estuary will be highlighted. As part of the conference, a technical visit to this site is organized. The Schelde Estuary case is a joint project between the Netherlands and the Flemish Region in Belgium. It proves that decision-making in an international context can be made more coherent when it is based on a long-term vision that is shared by the countries involved. The methodology of this

case will be compared with other experiences in transboundary situations.

WORKSHOP LEADER: *Fon ten Thij*

WORKSHOP 17

IA In Region Eastern Europe

This workshop focuses on EIA/SEA capacity building within a post-war reconstruction of the Stability Pact Countries (countries of Southeast Europe). Discussion items will include:

- Introduction to capacity building framework.
- Comments by participating countries which do not yet have EIA regulations (Albania, Macedonia, Yugoslavia, Bosnia, and Herzegovina).
- Discussions on the effectiveness of this approach (comments from donor agencies and other participants at the session).

WORKSHOP LEADER: *Jiri Dusik*

WORKSHOP 18

Impact Assessment in Asia

Asian regions have their own EIA systems and informal rules based on deep-rooted traditional cultures and religions. Asian countries have been using EIA system to improve their decision-making as it applies to environmental conservation and sustainable development. It is expected that EIA will be implemented effectively, not only at the project level, but also, at the policy level. Our Asian regions create a vast potential for extensive regional cooperation within the EIA. This workshop will discuss the following topics:

- future options for SEA in China
- impact on water quality in Korea
- environmental cooperation in northeast Asia
- development of an integrated water treatment system in Korea
- remediation of the contaminated harbour sediment in Hong Kong
- consideration of alternatives regarding environmental impact assessment

WORKSHOP LEADER: *Kim Myungjin*

WORKSHOP 19

Impact Assessment in Africa

Since the Durban AMCEN (African Ministers Conference on Environment) Meeting in 1995, EIA has received increased attention in Africa. Various African countries are currently at different stages of development of their EIA systems. There are also a number of on-going initiatives to ensure that EIA is implemented more comprehensively on the continent, with appropriate linkages and synergies.

In order to expedite a more effective adoption of EIA systems in Africa and link up various initiatives, this workshop has been planned to bring together various actors (i.e., development partners, African country representatives, relevant national, sub-regional, regional, international organisations and other interested persons) to

- i) discuss ways of harmonising EIA capacity development efforts on the African Continent;
- ii) improve provision of information to African countries, sub-regional, regional, international organisations and donors; and
- iii) provide a platform for the discussion of ongoing EIA activities in Africa.

WORKSHOP LEADER: *Peter Acquah*

WORKSHOP 20

Workshop Vision: Impact Assessment for Linear Infrastructure Projects

Linear infrastructure projects like roads, railways, waterways and energy lines, share unique features that require high quality standards in impact assessment. Areas are irreversibly altered: landscapes are dissected, habitats are destroyed, humans and animals are affected by traffic, noise, air pollution etcetera. In addition, the realisation of infrastructure may have impact on the social and economic structure and development. This can be viewed both positive and negative. Therefore, impact assessments for linear infrastructure should deal with prevention,

mitigation and/or compensation of the negative impacts and promote positive impacts. Decision-making on infrastructure is characterized by the NIMBY-nature of the projects (NIMBY = Not in my backyard). In addition, the growing concern on infrastructure is reflected in, for instance, the troublesome implementation of several EU-directives, like the Birds Directive, Habitats Directive and the Directive on Local Air Quality. An European Directive on Noise is being prepared now. In short, impact assessment and decision-making on infrastructure projects are complex. The major objectives of this workshop is to discuss such issues as:

How can impact assessment contribute to sound decision-making and sustainable projects in this field?

How to deal with prevention, mitigation or compensation of negative impacts? How can we improve the quality of IA in such a way that pristine areas can truly be protected from being dissected, disturbed or even destroyed by infrastructure? How to balance short-term versus long-term, human versus nature, project and cumulative impacts? Share good experiences in impact assessment for infrastructure projects?

WORKSHOP LEADER: *Theo Verstrael*

WORKSHOP 21

IA and Information Technology

Vision: Information and communication technology (ICT) and knowledge management have an increasingly important potential as instruments of sharing knowledge among stakeholders in a planning process. Knowledge systems promise to make information available for improved problem analysis and understanding, facilitate learning from experience, and facilitate exchange of knowledge and experience worldwide.

Mission: The aim of this session is to inventory the state of the art with respect to development of ideas and actual use of ICT in impact assessment and to provide guidelines for starting up a new IAIA Section under the working title "Information, Communication and Knowledge Manage-

ment." Contributors to the session are persons who find a basis for their work in ICT and software-supported instruments and methodologies for integrated assessment planning and decision making. They are not only the actual software developers, but also people who understand and apply the principles of ICT in their work as EIA practitioners and integrated planners.

The session will focus on the potential of ICT to facilitate the EIA process in as many ways as possible. This may be about concepts as well as practical examples of how IT is used in specific software packages. Background information can be found at www.DR-EIA.org, where an example of a knowledge system for impact assessment can be found as well.

WORKSHOP LEADERS: *Joop de Schutter and Frank Robijn*

WORKSHOP 22

IA Training & Capacity Building

IA's impact, and its success in promoting informed decision making, depends in large part on the expertise of IA practitioners and the capacity of IA organizations. The objective of this session is to provide information on past training efforts that have worked to make EIA practice more effective, and to promote discussion on what more can and should be done. The session format will consist of traditional paper presentations and potentially a workshop or round table to discuss issues such as the UNEP manual, IA certification, and means for developing in-country training.

WORKSHOP LEADERS: *Lee Wilson and Benita Olen*

WORKSHOP 23

International Commission for IA (ICIA)

The intent behind the proposed ICIA is to provide independent advice on impact assessments in response to requests from governments. In the second plenary on Thursday, 20 June, the International Commission on Impact Assessment (ICIA) will be pre-

sented. This workshop offers an opportunity to learn more about the proposed International Commission, to discuss with some of those involved in the thinking behind the initiative, and to express views and opinions on the initiative.

WORKSHOP LEADER: *Reinoud Post*

WORKSHOP 24

IA of IAIA '02

On request of the IAIA Board of Directors, an impact assessment for IAIA '02 has been prepared. The Impact Assessment Report has been drafted by an international group of students of the technical University Delft. The exercise has been commissioned by the IAIA '02 organization for which the Dutch EIA process has been followed. For their work, the students have built on the first experiences gained with a (post-) impact assessment for IAIA '02 in Cartagena.

During concurrent workshop session(s) the IAIA '02 organization wants to discuss two main issues with the participants of the conference in The Hague:

1. What can we learn from this year's experiences for preparing impact assessments for future IAIA conferences? This relates to both process and substantial aspects and will be discussed with (among others) members of the various IAIA Sections.
2. What can we conclude on basis of the results of the impact assessment for IAIA '02 and effectively meeting the conference objectives? This relates to the way IAIA conferences are organized and will be discussed with (among others) members of the IAIA Board. In this regard, the issue of monitoring and follow-up is also relevant.

WORKSHOP LEADER: *Verina Ingram*

WORKSHOP 25

Linking IA & Management Tools

As the concepts associated with sustainable development mature, and new and modified decision aiding tools are developed, so links between environmental 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, 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 will offer the opportunity for real brainstorming and discussion among colleagues from a wide range of disciplines. The aim will be to produce a report from the discussions and recommendations for further action, including to perhaps establish a network/Section concerned with links between tools. If appropriate, the report could be considered for publication in the *Journal of Environmental Assessment Policy and Management*.

WORKSHOP LEADER: *William Sheate*

WORKSHOP 26

IA in World Trade

UNEP is seeking an extensive and wide range of networks and expertise in recent approaches and techniques in the field of environmental and integrated assessment which can constructively contribute to the work of UNEP/ETB in integrated assessment of trade-related agricultural policies. Specific topics to be discussed at the session include:

- The impact of Common Agriculture Policy on agriculture and the environment in the European Union.
- The impact of US agricultural policies on agriculture and environment in the US.
- The impact of agricultural policies in developing countries on agriculture and the environment in those countries.

- The impacts of export-oriented crop production on the environment in major agricultural exporters (e.g., the Cairns Group of countries).
- The transboundary impact of subsidies provided in one country, on the agricultural sector and the environment in other countries.
- The environmental effects of agricultural commodity prices, and changes in those prices.
- The impact of trade liberalization on agricultural biodiversity, which is the subject of a mandated assessment by the Convention on Biological Diversity.
- The observed and potential environmental effects of GMOs released into the environment by commercial agricultural use.

Participants are invited to indicate their specific areas of interest and expertise in any of the above areas and their submission of written contributions and research work on any of the above topics, as well as to highlight assessment techniques and/or research findings that can assist in assigning causality of environmental effects to specific policy measures of changes.

WORKSHOP LEADERS: *Hussein Abaza and Bernice Goldsmith*

WORKSHOP 26

Part 2: Integrated Assessments and World Trade Policy, Post-Doha

The main aim of this workshop is to explore how new forms of impact assessment may be developed and used in world trade negotiations to promote sustainable development.

The recent World Trade Organization Ministerial Conference, held in Doha (Qatar), launched a major new programme of World Trade negotiations which could have profound economic, environmental and social consequences. At the same time, it strongly re-affirmed its commitment to the objective of sustainable development. This provides a timely incentive to develop new methodologies and use these in trade impact assessment studies to support this objective.

The workshop will commence with the presentation of two papers, partly based on recent and ongoing European Union-supported studies at the University of Manchester, UK, on the Development of a Methodology for the Sustainability Impact Assessment of WTO Negotiations. Three additional papers expand further on these themes.

Time has been designated in both Thursday and Friday Part 2 Sessions to consider the IAIA '02 Theme and to provide some degree of input back to the Conference organizers.

WORKSHOP 27

Quality in Impact Assessment

Quality in Impact Assessment (IA) has increasingly come under the spotlight in recent years, along with growing experience of its application. The quality discussion encompasses a wide range of fields, such as the implementation of different steps of the IA process, the contents of Impact Statements, techniques and methods for assessing impacts, procedures for public participation as well as an increasing focus on the outcomes of the process.

The discussion on quality in IA is furthermore central to the main theme of this annual conference, closely connected to the discussion on the overall aims of IA and its impacts on decision-making.

Significant questions in this discussion include:

- What constitutes quality in IA?
- How is quality ensured in the IA process?
- What are the expectations of different stakeholders to the process, e.g. the public and the decision makers?
- Does good quality IA lead to better decisions?

The aim of the workshop is to present how quality is addressed in IA, give examples of measures to enhance and review quality as well as to discuss the relevance of quality for the impacts of the IA process.

The workshop format will include presentations of papers, followed by a panel discussion led by Bobbi Schijf.

WORKSHOP LEADER: *Hólfríður Bjarnadóttir*

WORKSHOP 28

Doing Business with Indigenous Peoples: Informed Decision-Making to Ensure Lasting Solutions

In keeping with the overall theme of IAIA '02, this workshop is intended to consider how including indigenous peoples, and addressing their needs, concerns and knowledge will lead to more informed environmental decision making, and ultimately more durable solutions. For businesses, where a high degree of certainty is required before a large investment is made, the quality of this early decision-making process is key to the ultimate success and longevity of a project.

Focusing on several regions throughout the world as well as several topical subject areas, as discussed at IAIA '01 in Cartagena, we will explore the relationships between project decision-makers and indigenous peoples, and the steps in the assessment process that ensure informed decision-making. We will examine different methodologies and results from across continents, with our continuing desire to spur discussion and compile a handbook of case studies and best practices based on these and other presentations.

Session 1. Indigenous Peoples and Informed Decision-Making: North America

Session 2. Indigenous Peoples and Informed Decision-Making: South America

Session 3. Indigenous Peoples and Informed Decision-Making: Australia/New Zealand

Session 4. Traditional Knowledge and Biological Diversity (to be sponsored jointly with the Ecology/Biodiversity Section)

Session 5: Indaba Developing a Indigenous Peoples/Environmental Assessment Handbook – Can We Get it Off the Ground??

WORKSHOP LEADERS: *Terry Williams, Maurice Manawaroa Gray*

WORKSHOP 29

Meet the Editors: A Panel Session with the Editors of Key Impact Assessment 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. 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 your paper.

MODERATOR: *Bill Ross*

PANEL MEMBERS: *Christopher Wood, Eric Johnson, William R. Sheate, William Page*

WORKSHOP 30

EIA in The Netherlands: Dutch EIA Trends

Following the Thursday morning plenary, keynote addresses on trends in Dutch IA and lessons learned on the role of knowledge in policy making, this workshop will elaborate on important trends in Dutch EIA. What are important recent developments in the unique Dutch EIA system? Does it cope with becoming a common instrument in policy and decision making?

Dutch EIA practitioners will present recent cases to illustrate important trends in Dutch EIA. Some of these trends can be characterised as follows:

- modern decision making and its consequences for formal EIA procedures in the Netherlands
- the search for integrated assessment of the most important impacts
- the need for flexible application of procedures
- knowledge of impacts and other consequences is one, wanting a certain decision something else.

The workshop will offer a lot of opportunity for participants to ask, discuss and learn from Dutch practise. There-with Dutch practitioners hope to learn from critical questions and discussions with international colleagues. The workshop will have two successive sessions with differing cases and discussion angles.

WORKSHOP LEADER: *Job van den Berg*

WORKSHOP 31

Knowledge Utilisation in Policy-Making

In 2000, RMNO (Dutch Advisory Council for Research on Spatial Planning, Nature and the Environment) made a survey of cases of knowledge utilisation in policy-making abroad that are considered to be examples of good practice. This survey included the European Commission, the European Environmental Agency and Germany, France, the United Kingdom and Sweden. The survey was intended to give an overall picture, not a

detailed analysis of the utilisation of knowledge in these cases.

From this survey, several conclusions were drawn for further work:

- It is difficult to make a clear distinction between successful policies and the successful utilisation of knowledge in policy making;
- It is not interesting to analyse success stories in environmental policy, but a detailed analysis of the interaction between science and policy making is interesting in cases of integrated policy-making around which controversies in society exist;
- A comparative study should explore the different designs for interfaces between policy and science rather than analyse different policy cases as such;
- Not only the interaction between science and policy should be studied in these models, but also the interaction with society. The reason for this being that sometimes knowledge gets in by citizens or societal groups, thus influencing the political agenda.

The overall conclusion of this survey is that it makes sense to compare different designs (models) for the interaction between science, policy and society that have evolved in several countries and in international organisations.

The aim of the workshop is to hear from participants from several countries about characteristics of these interfaces. What is considered to be good practice? I.e. what are the characteristics of the interface between science, policy and society in particular countries, especially regarding complex environmental problems.

We may consider some interaction "models" in more detail and see to what degree their characteristics are influenced by the local culture and what characteristics are possibly common for several European countries.

WORKSHOP 32

European Forum on Integrated Environmental Assessment (EFIEA)

First, the European Forum on Integrated Environmental Assessment (EFIEA), which consists of almost 40 partner institutes, will be briefly presented (goals, structure and planned activities) by Mrs. Minnesma. Thereafter, two or three leading members of the EFIEA network will discuss the similarities and differences between Integrated Assessment (IA-1), Impact Assessment (IA-2), and Strategic Environmental Assessment (SEA). These three fields of interest move more and more in the same direction, which increasingly creates overlap in the three domains. SEA used to be mainly directed towards environmental impact assessments, but moves more and more towards more flexible, interactive and participative impact assessments. The domain of impact assessment on the other hand moves into the direction of more integral analyses, including analyses about driving forces and causal factors. The speakers welcome a lively debate on this topic (approximately 30minutes), hoping to bridge the gaps between scientists in different domains.

WORKSHOP LEADER: *Jan Rotmans*

Sustainability Appraisal in the Strategic Planning Process

Liang Chen

Measuring EIA and EIS

H.D. Oosthoek

Selective EIA Follow-Up

H.P.M. Wachelder

The Use of Environmental Compensation Methods in Different Countries

Kristina Rundcrantz

Scale: The Cinderella Topic of Impact Assessment

Elsa João

Kárahnjúkar Hydroelectric Project in Iceland & Other NORAL Projects: The Consultant's View to the EIA Work on Large Scale Projects

Haukur Einarsson, Rúnar D. Bjarnason

A Dynamic Appendix to Environmental Impact Statements Enhances Impact Forecasting and Process in Transparency

Anastassios Perdicoulis

Creating a Dynamic Appendix for an Environmental Impact Statement: A Case Study from Portugal

Anastassios Perdicoulis, Jose Henriques Soares, Carlos Afonso De Moura Teixeira

Swedish EIA Centre

Inger Olauson, Hans-Georg Wallentinus

EIA Decision Making in Large Scale Projects: Experience in Iceland

Þóróddur F. Þóróddsson, Óli Halldorsson, Hólmfríður Sigurðardóttir

Strategic Environmental Assessment Methodologies and Practice in Transportation Policies, Plans and Programmes

Monica Fundingland

Strategic Environmental Assessment in Countries in Transition

Leyli Bektashi

Analyzing Cumulative Impacts in the Development of the Taipei County Area

M.L. Liou, J.W. Lue, T.Y. Hsiao, Y.H. Yu

Khayelitsha Wetlands: A Success Story of Informed Decision Making

Karen Shippey, Mike Luger, Lisa Parkes

Widening the Perspectives of EIAs for Biofuelled Energy Plants in Sweden-Tiering EIA and SEA

Sara Bruhn-Tysk

Elaborating Biodiversity Assessments and Monitoring for Development Projects

Francisco Dallmeier, Alonso Alfonso, James Comiskey, Michelle Lee, Patrick Campbell

EIA Capacity Building Through Networking and Exchange in Eastern Africa

Abdulrahman Isa

Drinking Water Projects in the Coastal Dunes Near The Hague

Jan Verwoerd

Institutional and Technological Aspects of Environmental Impact Assessment (EIA) in Uzbekistan

Ludmila Aksenova, Ludmila Shardakova

Habitat Defragmentation Measures Associated to Motorway A1 in Portugal: Project Reappraisal After 10 Years

Helena Farrall, Ana Telhado, Lucia Desterro

Heterogenous Networks in Environmental Assessment: Example from a Large-Scale Project in Iceland

Elin Vignisdóttir, Karl Benediktsson

Drowning in Dung? Assessing Impacts and Risks for a Group of Veterinary Medicines

Jo Treweek

Methodological Guidelines for the Impact Assessment of Off-shore Windfarms in Touristic Areas

Julio Jesus, Jose Antonio Mieres Royo, Alberto Rodriguez Bachiller, Maria Rosario Partidario

Mega Sports Events and Sustainable Development

Stefanos Dodouras, Philip James

Ongoing Follow-up: Lessons for Impact Assessment. Case Study of A Canadian Megaproject (1997-2002)

Christiane Gagnon, Marie-José Fortin

Understanding the Qualification of Industrial Landscape: A Major Methodological Challenge

Marie-José Fortin

The Role of Knowledge in Decision-Making Processes: Policy-Related Research Is Meant to Facilitate Decision-Making: It Doesn't Decide

Ytsen Deestra, Job van den Berg, Sibout Nootboom, Ralph Kohlmann

Dealing with the Complexity of Ecological Issues

Martin Budd, Richard Cottle, Robert Stanilad

Impact Assessment in the Early Phase of Urban/Rural Development: How Policymakers Can Interactively Pre-assess Plans with Help of Spatial Visualisations

Linda Carton

Improving Quality in EIA Through the Individual Participants: The Institute of Environmental Management and Assessment's EIA Practitioner Register

Richard Hook



WEDNESDAY 19 JUNE

9:00AM – 10:30AM

BREUGHEL 1

Workshop 6. Ecological & Biodiversity IA

6.1 Case Studies in Best Practice: Assessing Effectiveness of Current Practice

Chair: Nick King

Elaborating Biodiversity Assessments and Monitoring for Development Projects

Francisco Dallmeier, Alonso Alfonso, James Comiskey, Michelle Lee, Patrick Campbell

Bird and Habitat Directives and Port Development

Hans Brouwer

How Birdlife International Is Championing Impact Assessment for Biodiversity

Helen Byron, Dave Pritchard, John Fanshawe

Mainstreaming Biodiversity Issues in Development Planning: Recent Experiences from India

Vinod Mathur

BREUGHEL 2

Workshop 7. Sustainability IA

7.1 Sustainability Assessment – Concepts

Chair: Barry Sadler

Keynote and Introduction by the Workshop Leader
Sustainability Appraisal in the Strategic Planning Process

Liang Chen

The Impact of Values in Impact Assessment

Robert Rattle

Sustainability Planning and Impact Assessment

Michael R. Edelstein

Plenary Discussion

BREUGHEL 3

Workshop 9. Cumulative IA

9.1 Session 1 Cumulative IA

Chair: Bill Ross

Workshop Overview - The State of the Art

Roger Creasey, Bill Ross

U.S. Experiences with Cumulative Impact Assessment

Anne Miller

Cumulative Effects Assessment and Urban Regeneration

Lourdes Cooper

The EIA for a New Bloomington Case

Virginio Bettini, Pippo Gianoni, Marco Stevanin

BREUGHEL 4

Workshop 11. EMS & Auditing

11.1 Session 1 EMS & Auditing

Chair: Debra Zanewich

EIA to IEM - A Road Paved with Good Intentions

Pieter J. Aucamp

Integrating EIA and EMS

Robert B. Smythe, Charles H. Eccleston

Environmental Sensitivity Index Mapping for Environmental Management in Developing Countries: Experiences from Nigeria

Adeolu Ojo, John Olalekan Taiwo

Environmental Indicators Frameworks to Design and Assess Environmental Monitoring Programs

Tomás B. Ramos, Sandra Caeiro, João Joanaz de Melo

BREUGHEL 5

Workshop 19. IA in Region Africa

19.1 Session 1 IA in Region Africa

Chair: Abdulrahman Salim Isa

Assessing the Environmental Sustainability of Small Irrigation Projects in Semi-arid Regions of Africa

Harry Spaling

Towards Capacity Development and Linkages for Environmental Impact Assessment in Africa

Peter Claver Acquah, Irene Opoku

Environmental Impact Assessment (EIA) in South Africa - Recent Experiences and Challenges

Mark Freeman

A Proposed Approach to Assessing EIA System Performance in Egypt

A. G. Abul-Azm, Yasser Sherif, Doaa Abou Elailah

ESCHER 1

Workshop 16. IA & Transboundary Water Issues

16.1 Cases

Chair: Fon ten Thij

The Long Term Vision Project for the Scheldt Estuary on the Border of The Netherlands and Belgium

Jon Coosen, Jos Claessens

Lessons for Transboundary River Basins in Developing Countries (e.g., Mekong River Basin)

Colette Curran, Sabine Hoefnagel

Information-based Decisions on the Incomati in Southern Africa

Muianga Swangeni, Elizabeth van Niekerk, Mr. Muianga

ESCHER 2

Workshop 20. Impact Assessment for Linear Infrastructure Projects

20.1 Concepts and Frameworks

Chair: Theo Verstrael

The Role of Objectives, Indicators and Targets in UK Strategic Transport Plan

Chris Fry, Paul Tomlinson

Exploring the Use of the Operational EIA as a Tool to Meet Strategic Objectives

S.M. Lensink, H.C. Moll

Integrated Assessment of Environmental Impact of Traffic and Transport Infrastructure (European Project Cost 350)

M.S. Koster, Marcel Koeleman, Paul Tomlinson

FRANS HALSZAAL Workshop 27. Quality In IA

27.1 Session 1 Quality IA

Chair: *Holmfridur Bjarnadottir*

Quality in the EIA Process And Statement: The Actors' Perception

Eskild Holm Nielsen, Lone Koerneov, Per Christensen, Karen Elsborg

Quality of Environmental Impact Assessment Viewed from a Citizen's Perspective

Annemarie Rodenhuis

A New Model of EIA-Based Decision-Making: Implications for EIA Effectiveness

Bobbi Schijf

MARISZAAL 1 Workshop 2. Social IA

2.1 A Focus on the Means of Analysis, Presentation, Communication in SIA Application

Chair: *James Baines*

Citizens' Values Assessment and Interactive Planning

Enne De Boer

Citizen Values Analysis: An Impact Assessment Tool to Investigate Citizens' Judgments

Petra Van Konijnenburg, Annelies Stolp

Rational Decisionmaking with Emotion

Charles Alton, Benjamin Underwood

Why Strategic IA Is Important for Project-Level IA

James Baines, Nick Taylor

MARISZAAL 2 Workshop 17. IA in Region Eastern Europe

17.1 Session 1 IA in Region Eastern Europe

Chair: *Jiri Dusik*

Introduction to Capacity Building Framework

Jiri Dusik

Observations on the Development of EIA in Kosovo

Ali Albayrak, Haluk Yilmaz, Sally E.R. Innanen

Institutional and Technological Aspects of Environmental Impact Assessment (EIA) in Uzbekistan

Ludmila Aksenova, Ludmila Shardakova, Victor Tarasov

Environmental Impact Assessment System in Azerbaijan and the Opportunities for Its Improvement

Leyli Bektashi, Aleg Cherp, Carys Jones

MESDAGZAAL 1 Workshop 14. Environmental Legislation

14.1 Effectiveness of Instruments and Regulations

Chair: *José Luis Salazar*

IA And Law Enforcement: How Do We Use Impact Assessment to Select Laws and Activities to Be Enforced from the Perspective of Impact?

E. Schols, G. Van Grootveld, Nightingale Rukuba-Ngaiza

The Environmental Legal and Regulatory Frameworks: Assessing Fairness and Efficiency

Gilles G. Bérubé, Céline Cusson

A Square Peg in a Round Hole: Fitting Impact Assessment under the Antarctic Environmental Protocol of Antarctic Tourism

Alan D. Hemmings, Ricardo Roura

VERMEERZAAL 1 Workshop 1. SEA

1.1 From EIA to SEA - The Case of Europe

Chair: *Thomas Fischer*

Introduction to Workshop

Thomas Fischer

Improving EIA Effectiveness through SEA

Paul Tomlinson, Chris Fry

Pros And Cons of the EU SEA Directive

Ralf Aschemann

SEA for Land-Use Planning in Portugal

Maria Partidario

VERMEERZAAL 2 Workshop 5. Health IA

5.1 HIA Kaleidoscope

Chair: *Debbie Abrahams*

IA and Local Empowerment in Thailand

Parichart Siwaraksa

Monitoring and Evaluating HIA - Experiences From 5 HIA Case Studies

Lorraine Taylor, Robert Quigley

Spirituality and Health: An Initial Proposal to Incorporate Spiritual Health in Health Impact Assessment

Komatra Chuengsatiansup

Development of the www.hiagateway.org.uk Website

Robert Quigley, Lorraine Taylor

NOTES

WEDNESDAY 19 JUNE

11:00AM – 12:30PM

BREUGHEL 1

Workshop 6. Ecological & Biodiversity IA

6.2 Business and Industry Taking the Lead - Heroes or Zeroes?

Chair: Nick King

Shell and IUCN Working Together to Integrate Biodiversity and Corporate Guidelines

Andrea Athanas, Steve Macklin

Ecological IA and Mitigation

Akira Tanaka

Timber Sale Planning in the Tongass National Forest, USA - Impact Assessment by Resource

Pamela Gunther

Drowning In Dung? Assessing Impacts and Risks for a Group of Veterinary Medicines

Jo Treweek

BREUGHEL 2

Workshop 7. Sustainability IA

7.2 Sustainability Assessment in SEA

Chair: Barry Sadler

Strategic Environmental Assessment: A Decade After the Resource Management Act (1991)

T.G. Davies

De-constructing an Acronym: "SEA" - Strategic Environmental Assessment

Olivia Bina

Strategic Planning and SEA/EIA for Long-Term Sustainability - What's Missing?

Weston A. Fisher, Mark Stoughton

Methodological Challenges for Studying Strategic Environmental Assessments and Sustainable Development

Arne Tesli

BREUGHEL 3

Workshop 9. Cumulative IA

9.2 Session 2 Cumulative IA

Chair: Roger Creasey

USA Case Studies of Good CEA Practices

Larry Canter, Harvey McLaughlin

Managing Cumulative Effects in Northeastern Alberta, Canada

Theresa Braat

A Clarifying Approach to Cumulative Effects Assessment

Robert Senner, Jon Isaacs, Steven Davis, Joseph Colonell

BREUGHEL 4

Workshop 11. EMS & Auditing

11.2 Session 2 EMS & Auditing

Chair: Debra Zanewich

The Impact of Environmental Self-Regulation on Corporate Environmental Performance

David Annandale, Angus Morrison-Saunders, Jim Payne

Post Impact Environmental Evaluation: Studies From Nigeria

Adeolu Ojo, Ibrahim Salau, Eromosele Itama

Incorporating Sustainability Objectives into EMSs

Lynn O'Sullivan

An Accounting Procedure Which Helps to Incorporate Environmental Costs into the Company's Strategic Planning (check title)

Martha Macedo

BREUGHEL 5

Workshop 19. IA In Region Africa

19.2 Session 2 IA In Region Africa

Chair: Peter Tarr

Introduction: Progress Report: Southern African Institute For Environmental Assessment

Peter Tarr

EIA for the Bujagali Hydropower Project in Uganda

Ineke Steinhauer

EIA Capacity Building through Networking and Exchange in Eastern Africa

Abdulrahman Salim Isa

From the Ground Up: Environmental Review Advances Participatory Local Governance in Rural Rwanda

Walter I. Krausenberger, Gaspard Bikwemu, Pierre Munyura, Charlotte S. Bingham

Regional Environmental Impact Assessment (REIA) Guidelines for Shared Ecosystems of East Africa: Proposed Plan of Action

George Michael Sikoyo

BREITNER 3

Workshop 26. IA In World Trade

26.1 UNEP's Session on Integrated Assessment of Agricultural Trade Liberalization: Defining Policies for Environmental Protection and Sustainability.

Co-chairs: Hussein Abaza, Bernice Goldsmith

The Impacts of Trade-Driven Soy Agriculture in Brazil: A Sustainability Assessment Case Study

Mireille Perrin

Ecolabelling Coffee: Enabling Sustainable Trade

Bernice Goldsmith

EIA Manual for the Commonwealth of Independent States

Ms. Golobeva

Overview of UNEP Integrated Assessment Studies of Structural Adjustment Programmes

Hussein Abaza

ESCHER 1

Workshop 4. Human Rights IA

4.1 Human Rights Impact Assessment - Toward a Framework

Co-chairs: Martha Meijer, Marike Radstaake

Human Rights IA for Policies with an External Effect

Marike Radstaake

A Framework for Human Rights IA

Hans-Otto Sano

Refugees Nowhere to Call Home

Annie Kapapula

ESCHER 2

Workshop 20. Impact Assessment for Linear Infrastructure Projects

20.2 Methods and Methodologies

Chair: *Theo Verstrael*

Environment and Infrastructure: Towards a New Perspective in Impact Assessment

Marcel Koeleman, Jos Arts, M. Roorda-Knape, J.W. Erisman

Triangular Relationship between Duration, Costs and Quality of EIA Studies for Road Projects

Emilija Jurakic, Ruud Cuperus, Petra Boonman

New Tools for Integrated Health Impact Assessment of Urban Transport Systems

Francesca Racioppi, Pierpaolo Mudu, Carlos Dora

FRANS HALSZAAL

Workshop 27. Quality In IA

27.2 Session 2 Quality IA

Chair: *Holmfridur Bjarnadottir*

Tackling Quality in Environmental Assessment - Overview of Experiences from the Nordic Countries

Holmfridur Bjarnadottir

Empirical EIA Research in Germany - Evaluation of Effectiveness and Quality of EIA

Wolfgang Wende

Environment Agency Environmental Impact Assessment Scoping Guidelines

Gerard William Stewart

Developing New Scale Guidelines for Impact Assessment

Elsa João

MARISZAAL 1

Workshop 2. Social IA

2.2 Applications of SIA for Major Facilities and Infrastructure

Chair: *James Baines*

Proposed Framework for Decision-Makers to Evaluate Social Impact Assessment Results for the Long-Term Management of Nuclear Fuel Waste

J.P. Chapdelaine

Camisea Gas Project

Diego Shoobridge

Dam Project and Social Impact Assessment in Korea

Mu Choon Lee, Jakon Koo, Min-Seok Seo, Sungyeon Kim

Shell's Integrated Impact Assessment Guideline

David Lyon, Steve Macklin

MARISZAAL 2

Workshop 17. IA In Region Eastern Europe

17.2 Session 2 IA in Eastern Europe

Chair: *Jiri Dusik*

New Approaches to Policy-Relevant EIA Systems' Studies

Aleg Cherp

Strategic Environmental Assessment for Sustainability

Jaroslav Macháček

Concluding Discussion

MESDAGZAAL 1

Workshop 14. Environmental Legislation

14.2 Legal Bottlenecks and Reforms

Chair: *José Luis Salazar, Nightingale Rukuba-Ngaiza*

The Substantive Influence of EIA in the Decision-Making Process: Bottlenecks in the EIA Regulation of the Netherlands and Possible Solutions

Katinka Jesse

Striking the Balance: Sustainability, Risk and Transparency in the Reform of Environment Assessment Procedures in Victoria, Australia

Trevor Blake

Practical Legislative Support in EIA in Nigeria

Diggs Flamin Akobo

EIA In Hong Kong

Kin Che Lam

MESDAGZAAL 2

Workshop 13. IA of Urban Development

13.1 Development Planning and EIA

Chair: *Markus Eggenberger*

IA of Urban Developments: Experiences Within A World Heritage Site

Alison Fell

Impact Assessment of Release of Green Belt on Urban Environment in Chongju City, Korea

Jong Ho Lee

Ijburg — Design by Evaluation

Maarten Linnenkamp

Increased Focus on SEA in Norway. A Case Study From SOLA

Gunn Jorunn Aasland, Even Lind

VERMEERZAAL 1

Workshop 1. SEA

1.2 European Environmental Assessment Practice and the SEA Directive

Chair: *Ralf Aschemann*

SEA in Spain

Natalia Gullon

Process of Implementing the SEA Directive into Swedish Planning

Ann Åkerskog

Sustainability Appraisal of English Regional Plans

Steven Smith

SEA in Ireland

Paul Scott, Peter Marsden

Current Regional Plan Making in Germany and Requirements of the SEA Directive

Thomas Fischer, Daniela Siemoneit, Ralf Ullrich

VERMEERZAAL 2

Workshop 5. Health IA

5.2 HIA In Practice

Chair: Gerard Varela Put

Health Impact Assessment - Experience in an Oil and Gas Industry

Sola Taiwo, Bernard Huisman, Geert De Jong

Scoping the National Budget of the Ministry of Education, Culture and Science on Health Relevance

Manon Penris, Gerard Varela Put, Lea Den Broeder, Ernst W. Roscam Abbing

Health Impact Assessment from the Eastern Seaboard Development Program: A Case Study of Mab Ta Put Industrial Estates and Their Vicinities

Decharut Sukkumnoed

Health Impact Assessment of Agricultural Policy on Contract Farming in Thailand

Pattapong Kessomboon, Vichien Kerdsuk

HIA as an Agent of Policy Change: Improving the Health Impacts of the Mayor of London's Draft Transport Strategy

Jennifer Mindell, Linda Sheridan, Hilary Samson-Barry, Mike Joffe, Sue Atkinson, Steve Hajioff

Assessing Sustainable Scenarios on Their Environmental Gain, Economic Implications and Consumer Attractiveness - The Case of Shopping, Cooking and Eating

Jaco Quist, William Young, Remke M. Bras-Klapwijk, Klara Toth

Energy and Environment: Assuring Sustainability Through Impact Assessment

Barry Jeffrey

Bringing Sustainability to Canada's Offshore Frontiers

Barry Jeffrey

Impact Management Based Upon Assessment on Operational, Tactical and Strategic level

Joop van Bergen

Plenary Discussion

BREUGHEL 3

Workshop 9. Cumulative IA

9.3 Session 3 Cumulative IA

Chair: Bill Ross

Cumulative Effects Scoping for a Navigation System Programmatic EIS

Larry Canter, Tom Swor, David Rieger, Warren High, Eric Hollins, Lorna Harrell, Peter Dodgion

An RFFA Matrix for a Navigation System Programmatic Impact Study

Larry Canter, Tom Swor, David Rieger, Warren High, Eric Hollins, Lorna Harrell, Peter Dodgion

A Cumulative Effects Assessment and Management Framework for the Northwest Territories, Canada

Lorraine Seale

WEDNESDAY 19 JUNE

2:00 – 3:30PM

BREUGHEL 1

Workshop 6. Ecological & Biodiversity IA

6.3 Assessing the Status of the CBD and Incorporation of Indigenous Knowledge in IA

Chair: Nick King

IAIA and the Biodiversity Convention: Report on SBSTTA and COP

Roel Slootweg

Indigenous Peoples and the Convention on Biological Diversity — "Article 8j"

Terry Williams

Importance of Indigenous Knowledge for Biodiversity

Peter Croal, P. Geol

Making Room for TEK in EIA: Are Guidelines the Means of Going from Theory to Practice?

Ginette Lajoie

BREUGHEL 4

Workshop 10. IA Follow-Up

10.1 Follow-Up Processes

Co-chairs: Angus Morison-Saunders, Jill Baker

Portugal: EIA Follow-Up: Recent Practice In Portugal

Julio Jesus, Jose Nunes

The Netherlands: EIA Follow-Up for Road Projects: What Do We Want and Need To Know?

Frank Van Lamoen, Jos Arts

Nigeria: Environmental Assessment Follow-Up Program as a Component of the Nigerian EIA Process: A Critical Appraisal

Felix Dayo, B.A. Ajakaiye, N.G. Eke, O.J. Omoloyin, P.O. Abinye

Malaysia: Compliance Monitoring in Environmental Impact Assessment in Malaysia

Abdullah Mohamed-Said

BREUGHEL 2

Workshop 7. Sustainability IA

7.3 Sustainability Assessment in Sectoral Planning

Chair: Barry Sadler

Sustainability Threshold Assessment: A Technique to Inform Development Planning

Barbara Carroll

Environmental Assessment of System Innovations

Remke M. Bras-Klapwijk

BREUGHEL 5

Workshop 18. IA in Region Asia

18.1 Session 1 IA in Region Asia

Chair: Kim Myungjin

Future Options for SEA in China

Holger Dalkmann

Chemical Characteristics of Sediment and Its Impact on Water Quality on Estuarine Reservoir

Jung Jong-Gwan, Park Young-Sook, Kim Hag-Seong

Environmental Cooperation in North East Asia

Kim Myungjin

BREITNER 3

Workshop 26. IA in World Trade

26.2 UNEP's Session on Integrated Assessment of Agricultural Trade Liberalization: Defining Policies for Environmental Protection and Sustainability

Co-chairs: Hussein Abaza, Bernice Goldsmith

Environmental Impact of Trade Liberalization on Agriculture: Focus on the Rice Sector in Sub-Saharan Africa

Abdoulaye Sene

WTO Agreement on Agriculture

Robert R. Teh Jr.

Round Table Discussion on Future Research Discussion

ESCHER 1

Workshop 21. IA and Information Technology

21.1 Session 1 IA and Information Technology

Chair: J. De Schutter

Foresight and Sustainable Development: How Information Can Improve Impact Assessment Practices

M.C. Soares Guimares, G. Massari Coelho, D. Maria Dos Santos, C. Henrique Da Silva

Management of Technology and Information Flows: A Contribution to Technology Assessment

M.C. Soares Guimares

Creating a Dynamic Appendix for an Environmental Impact Assessment Statement

A. Perdicoulis, J. Henriques Soares

Options for Use of Knowledge Systems and Information Technology in EIA

Ludmila Aksenova, J. de Schutter

Information Systems for EIA

David Pereira

ESCHER 2

Workshop 22. IA Training & Capacity Building

22.1 Training and Capacity Building in Africa

Co-chairs: Ebenezer Appah-Sampong, Elizabeth Brito

Professional Development in Environmental Impact Assessment in Africa: Experience of CLEIAA Fellows in Namibia

David Kinyua, Agnes Mwakaje, Ratidzayi Takawira, Emma Kambewa

Strengthening the Institutional Capacity at Local Government Level for Environmental Impact Management: Lessons Learnt

Cornelia Rosina Heydenreich

Environmental Assessment Capacity Building in Ghana

Ebenezer Aappah-Sampong, Kwabena Badu Yeboah, Jonathan A. Allotey

EIA Capacity Building Through Networking and Exchange in Eastern Africa

Abdulrahman Salim Issa

FRANS HALSZAAL

Workshop 27. Quality in IA

27.3 Session 3 Quality IA

Chair: Holmfridur Bjarnadottir

Key Factors in Impact Assessment

J.A.Hoekstra

EIA Review of Ill Defined Projects

Elaine Jaggs

EIA Process Review: An Alternative Appraisal Tool to Traditional Environment Impact Statement Reviews

Richard Hook, Karl Fuller

MARISZAAL 1

Workshop 2. Social IA

2.3 Mortality?

Chair: James Baines

Assessing the Impact of the Magnolia Project, an Inner-City Program to Reduce Infant Mortality Rates

J. Will, Carol Brady, Irma Hall, Timothy Cheney

Impacts of the Attack on the World Trade Center: Long and Short Term Effects, and Their Treatment

William Cross

September 11: The Day the World Changed

C.P. Wolf

MARISZAAL 2

Workshop 3. Public Participation in IA

3.1 Assessing the Impact of Public Participation

Chair: Bert Enserink

Impact Assessment as a Tool for Empowerment

Dianne Buchan

Impact Assessment and Public Participation in Nigeria

Patrick Ugboaja, E.A. Emerhi

Assessing the Impact of Public Participation in Coastal Zone Management

A. Ramachandran, A.N. Balchand, B. Enserink

MESDAGZAAL 1

Workshop 14. Environmental Legislation

14.3 European Regulations and Accession

Chair: José Luis Salazar, Nightingale Rukuba-Ngaiza

EIA Legislation and Procedures in Turkey: Current Issues and Future Outlook

Ali Albayrak, H. Sule Ataman, Ali Beba, Sally Innanen

Evolution of Environmental Impact Assessment in Poland: Prospects and Problems

Witold Woloszyn

Are the National (Dutch) and European Judges of Any Help or Causing Trouble in Court Cases Concerning Environmental Impact Assessment?

Steven Pieters

MESDAGZAAL 2

Workshop 13. IA of Urban Development

13.2 Community Involvement

Chair: Markus Eggenberger

Sustainable Urban Development and Public Participation: From Command and Control to Social Experimentation

Laurent Lepage, Mario Gauthier

Dealing with the Cultural Heritage Aspect of EIA in European Urban Developments

Alan Bond, Lesley Langstaff

High-Rise Residential Development in Dhaka City, Bangladesh - Environmental Impacts, Legislation and Some Proposals for Decision-Makers

Salim Momtaz, Rejuan Hossain Bhuiyan

VERMEERZAAL 1

Workshop 1. SEA

1.3 Aspects of Effective SEA Application

Chair: Paul Tomlinson

The Effect of Environmental Appraisal in Achieving Changes to Development Plans

Michael Short, Mark Baker, Jeremy Carter, Carys Jones, Christopher Wood

What Makes SEA Effective?

Riki Therivel, Phillip Minas

Lessons Learned With Environmental Assessment of Legislation in The Netherlands

Paul Van Ruiten

Shifting Directions for SEA in New Zealand

Jennifer Dixon

VERMEERZAAL 2

Workshop 5. Health IA

5.3 Effective Instruments for HIA

Chair: Kim Putters

Instruments for Intersectoral Health Policy

Fons Van Der Lucht, Manon Penris, Aanja Koorstra, S.A. Reijneveld, Loes Van Herten

An "Off-the-Shelf" Aid to (Health) IA, to Reduce Workload and Improve Quality

Jennifer Mindell, Michael Joffe

Health Impact Assessment Process in Industry

Arif Jiwany, Sola Taiwo, Murray Jones, Geert De Jong

Policy Health Impact Assessment for the European Union

Debbie Abrahams, Alex Scott-Samuel, Martin Birley, Lea den Broeder, Iris Elliott, Odile Mekel, Rainer Fehr

Development of Guidelines for Health Impact Assessment (HIA) of Transport Policies Through Walking and Cycling

Francesca Racioppi, Carlos Dora

WEDNESDAY 19 JUNE

4:00 – 5:30PM

BREUGHEL 1

Workshop 6. Ecological & Biodiversity IA

6.3 Assessing the Impact of Guidelines and Legislation

Chair: Nick King

Ecological Impact Assessment in Israel: a Review of Environmental Statements

Yael Mandelik, Tamar Dayan, Eran Feitelson

Landscape Ecological Assessment: Evaluating Ecological Effects of Urbanisation Scenarios

Ulla Mortberg, Berit Balfors

Human Activities and Conservation Efforts in and around Korup National Park (Cameroon) - The Impacts of an Impact Assessment

Kai Schmidt-Soltau

Evaluation of the Effectiveness of Biodiversity Information in EIA Documentation: The Indian Experience

Asha Rajvanshi

Biodiversity in EIA - An Evaluation of the Influence on Decision Making in The Netherlands

Arend Kolhoff

BREUGHEL 2

Workshop 7. Sustainability IA

7.4 Sustainability Assessment -- Strategies and Recommendations

Chair: Barry Sadler

Recommendations on Sustainability Assessment in The Netherlands

Rob Verheem

Recent Progress on Strategies for Sustainable Development

Barry Dalal-Clayton

Plenary Discussion: Wrap Up, Conclusions and Recommendations

BREUGHEL 3.

Workshop 32. European Forum on Integrated Environmental Assessment (EFIEA)

Chair: Jan Rotmans

Introduction

Jan Rotmans, Member Steering Committee EFIEA

Presentations by members of the EFIEA network

Presentation MBA

Marjan Minnesma, project leader EFIEA

Discussion

BREUGHEL 4

Workshop 10. IA Follow-Up

10.2 Innovations in Follow-Up – I.e., Specific Follow-Up Tools, Techniques or Approaches

Co-chairs: Angus Morrison-Saunders, Jill Baker

Brazil: Environmental Follow-Up of a Road Building Scheme

Luis E. Sánchez, Amarilis Gallardo

Scotland: Setting the Foundations for EIA Follow-Up - Considerations Required Before, During and After the EIA Process

Ross Marshall

Hong Kong: e-IA Follow-Up: Internet-Based Reporting

Simon Hui, Man-Wu Ho

Canada: The Independent Environmental Watchdog: A Canadian Experiment in EIA Follow-Up

William Ross

BREUGHEL 5

Workshop 18. IA in Region Asia

18.2 Session 2 IA in Region Asia

Chair: Kim Myungjin

Development of Integrated Water Treatment System to Treat Rural Domestic Wastewater

Sang Hoon Lee, Guk Yeon Lee

Remediation of Contaminated Harbour Sediment in Hong Kong

Alan Y. Kwok, K.L. Pun, James Chan

Consideration of Alternatives Regarding Environmental Impact Assessment – Case Studies in Hong Kong

Johnson Man Kee Wong

ESCHER 1

Workshop 21. IA and Information Technology

21.2 Session 2 IA and Information Technology

Chair: J. de Schutter

The Role of Information and Communication Technologies (ICT) in Enabling SEA in Practice

Alexandra Fonseca

Impact Assessment with Multimedia Spatial Information Systems

Alexandra Fonseca

Integrated Assessment of Planned Changes in Land Use in the Durme and Nete River Valleys (Flanders): A Case of an Interactive Assessment Process Involving the Use of a GIS-Based Decision Support Tool

Koen Couderé

Coping with Port Activities in a Sustainable Urban Environment

M. Geense

Special Discussion on Information Technology and Knowledge Systems for Impact Assessment on the Basis of the Examples

ESCHER 2

Workshop 22. IA Training & Capacity Building

22.2 Panel Discussion

Co-chairs: Lee Wilson, Roy Kwiatkowski

Panel members

The Supply and Demand for IA Training

Virginia Alzina, Inter-American Development Bank, Washington D.C.

Obstacles to Successful IA Training

Ebenezer Appah-Sampong, Accra, Ghana

IA Training Solutions: Role of the International Entities

Peter Croal CIDA, Hull, Quebec, Canada

Discussion

FRANS HALSZAAL 4

Workshop 27. Quality in IA

27.4 Panel Discussion

Co-chairs: Bobbi Schijf, Holmfridur Bjarnadottir

Panel discussion

MARISZAAL 1

Workshop 2. Social IA

2.4 SIA Applications/Approaches in Different Countries

Chair: James Baines

Social Impact Assessment in Natural Resource Management in Bangladesh: Limitations and Opportunities

Salim Momtaz

Institutionalising SIA in Malaysia

James Baines, Nick Taylor

The Dutch Connection

C.P. Wolf

MARISZAAL 2

Workshop 3. Public Participation in IA

3.2 Public Participation and Minorities

Chair: Bert Enserink

Provisions for More Meaningful Public Participation Still Illusive in New Canadian EA Bill

Patricia Fitzpatrick, John Sinclair

Writing an EA for a Public Audience: Lessons Learned Under Sub-Section 18(3) of the Canadian EA Act

Gary Wagner, Ed de Bruyn

Adapting the Public Participation Process for Native Americans

Paul Sage

MESDAGZAAL 1

Workshop 14. Environmental Legislation

14.4 Role of Institutions

Co-chairs: José Luis Salazar, Nightingale Rukuba-Ngaiza

Implicating Water Management in Land Use Planning: Waterboard Strategies for Assessing Spatial Development

Marius J.C. Schwartz

Natural Resources Canada and the Practise of Environmental Assessment for the Decision Maker

Liviu Vancea

MESDAGZAAL 2

Workshop 13. IA of Urban Development

13.3 Methods and Tools

Chair: Markus Eggenberger

Accident Risks and Environmental Impact Assessment

Mattias Strömgren

Reducing Particle Emissions By Switching to LPG Fuel

Eric Johnson

Impact Assessment with Urban Sustainable Indicators

Nolberto Munier

Social-Environmental Impacts of the Change in the Land Use Zoning in Blumenau (SC): A Case Study

Cristiane Mansur de Moraes Souza, Luiz Fernando Scheibe

VERMEERZAAL 1 Workshop 4. SEA

1.4 SEA Systems in Different Contexts

Chair: Paul Scott

Could the SEA Directive Succeed Within the U.S.?

Benjamin Underwood, Charles Alton

Japan's Progress in SEA

Tetsuro Uesugi

SEA Movement in Japanese Local Governments

Sachihiko Harashina, Katsuyuki Mochiki

Towards SEA for the Developing Nations of Asia

Clive Briffet

Introducing SEA in a New Context: Strategic Needs and Decision-Making in Antarctica

Ricardo Roura, Alan D. Hemmings

VERMEERZAAL 2 Workshop 5. HealthIA

5.4 Qualitative and Quantitative Data: The Evidence Base for HIA

Co-chairs: Brigit Staatsen, Lea den Broeder

Health Impact Assessment: Current Practice in The Netherlands

Brigit Staatsen, Erik Lebre, Ellis Franssen

Environmental Exposures, Public Health, and the Precautionary Principle

Marco Martuzzi

Housing, Lifestyle, and Safety: HIA on National Housing Policy

Lea den Broeder, Gerard Varela Put, Manon Penris, Ernst W. Roscam Abbing

Health Impact Assessment of Nuclear Projects: A Life Cycle Management Overview of Selected Canadian Case Studies

Maria Ooi, Roy E. Kwiatkowski, M. Husain Sadar

(S)EAs for Amsterdam Airport Schiphol: A View From the Aviation Sector

Joop Krul

Discussion

BREUGHEL 3 Indaba

BREUGHEL 4 Workshop 10. IA Follow-Up

10.3 The Mitigation Measure Aspect of Follow-Up

Co-chairs: Jos Arts, Jill Baker

Brazil: Follow-Up Phase: The Weak Link in the Chain of Environmental Impact Assessment

Elvira Dias, Luis Sánchez

Australia: The Influence of EIA Approval Conditions on Environmental Practices

Hendrik Dik, Angus Morrison-Saunders

U.K.: Keeping a Promise: The Implementation of Mitigation Measures in Environmental Impact Assessment

Adam Boyden

Canada: Effectiveness of Mitigation and Enhancement Measures Carried Out Along the La Grande Rivière, Downstream and Upstream the La Grande-1 Hydroelectric Generating Station. James Bay, Québec, Canada

Robert Denis

BREUGHEL 5 Workshop 19. IA in Region Africa

19.3 Session 3 IA in Region Africa

Chair: Alex Weaver

The Potential Contribution of the Mining and Minerals Sector to Sustainable Development in Southern Africa

Alex Weaver

CLEIAA Fellowship Program 2001-2002: Tailored Practical Professional Development in Environmental IA in Africa

Peter Claver Acquah, Walter I. Knäusenberger, Weston A. Fisher, Steve Bickel, Abdulrahman S. Issa, Peter Tarr

Community Based Empowerment Strategies for Sustainable Settlements

Elizabeth van Niekerk

Empowerment to Take Part in EIA and Outcoming Decisionmaking

Elizabeth van Niekerk

BREITNER 3 Workshop 26. IA in World Trade, Part 2

26.3 Integrated Assessments and World Trade Policy, Post-Doha

Chair: Shirley Conover

Development of a Methodology for the Sustainability Impact Assessment of WTO Negotiations

Colin Kirkpatrick

Integrating Sustainability Impact Assessments into Decision-Making and Implementation of Trade Agreements

Norman Lee

Strategic Environmental Assessment of Trade Negotiations

Thomas Gilmore

THURSDAY 20 JUNE

2:00 – 3:30PM

BREUGHEL 1 Workshop 6. Ecological & Biodiversity IA

6.5 Pulling It All Together - Major Issues and Best Practice Recommendations in Biodiversity and Ecological IA

Chair: Nick King

BREUGHEL 2 Workshop 31. Knowledge Utilisation in Policy-Making

31.1 Dutch Lessons

Chair: Bert de Wit

Introduction: Survey of Cases of Knowledge Utilisation in Policy-Making

Bert de Wit

SEA on the Introduction of a New System of Environmental Standards for Amsterdam Airport Schiphol

Jules Scholten

ESCHER 1

Workshop 16. IA & Transboundary Water Issues

16.2 Lessons Learned. Interactive Discussion

Chair: Harm Albert Zanting

Introduction

Fon Ten Thij

Discussion

ESCHER 2

Workshop 20. Impact Assessment for Linear Infrastructure Projects

20.3 Case Studies

Chair: Marcel Koeleman

Preserving Biodiversity When Building Roads

A. Svarpliene

The Role of Impact Assessment in Implementing Very High Speed Rail Projects/Systems - A Comparison Between Australia and The Netherlands

Helen Weston, Trevor Fuller

An Example of the EIA Process in Large Infrastructure Projects in Sweden 2001--2002

Kerstin Larsson

A Better Road Network for Zambia

Eugene Landu

FRANS HALSZAAL

Workshop 30. EIA in the Netherlands

30.1 Dutch EIA Trends

Chair: Job van den Berg

Future Dutch IA, Integrated and Flexible

Job van den Berg

A View of the Dutch EIA Commission

Stefan Morel

A Proponent's View

Joop Marquenie

Discussion

MARISZAAL 1

Workshop 2. Social IA

2.5 SIA Away From the City

Chair: James Baines

The Impacts of Resource Sector Restructuring on Occupational and Community Identity

Gerard Fitzgerald, Wayne McClintock, Nick Taylor

Social Impacts of the Creation of Recreational Fishing Areas on the Commercial Fishers in New South Wales Australia

Salim Momtaz, William Gladstone

Workshop 3. Public Participation in IA

3.3 Public Participation in Practice 1

Chair: Desmond Connor

Selectivity in Public Participation and Its Consequences for Decision-Making on Infrastructure Projects

Astrid Paulussen

A Social Learning Approach to Impact Assessment: Responding to Complexity, Uncertainty and Conflict

Alan Diduck, Fikret Berkes, John Sinclair

Planning and Managing EIA in Lower Income Countries

Raymond Colley

Learning Through Public Involvement in Environmental Assessment Hearings

Patricia Fitzpatrick

MESDAGZAAL 1

Indaba

MESDAGZAAL 2

Indaba

VERMEERZAAL 1

Workshop 1. SEA

1.5 SEA Methodologies

Chair: Maria Partidario

SEA Methodologies Applications within the Energy Sector

Jessica Johansson, Göran Finnveden, Åsa Moberg, Tomas Carlsson, Åsa Persson, Måns Nilsson

SEA of Canadian Electricity Supply Alternatives

Bram Noble

Methodology to Incorporate SEA in Land-Use Ordering Plans

Mirady Sebastiani

SEA: A Multimethodological View

Isabel Ramos, Carlos A. Bana e Costa

VERMEERZAAL 2

Workshop 5. Health IA

5.5 Integrative Approaches

Chair: Francesca Racioppi

Integrating Health and Environmental Impact Assessment in Bahrain: Opportunities and Challenges

Balsam Ahmad, Amir Hassan, Martin Birley, Khalid Fakhro, Zahwa Alkuwari

Integrating Health into EIA in Central and Eastern Europe

Aleg Cherp

Health Risk Assessment in EIA

Yong Chung

Holistic Health Impact Assessments

Siva Ram Vemuri, Paul Kelly

THURSDAY 20 JUNE

4:00PM – 5:30PM

BREUGHEL 1

Workshop 23. International Commission on Impact Assessment (ICIA)

Chair: Reinoud Post

Roundtable Discussion About the Initiative to Establish ICIA

Reinoud Post

Relationship with a Regional Approach in Southern Africa Progress Report: Southern African Institute for Environmental Assessment

Peter Tarr

BREUGHEL 2

Workshop 31. Knowledge Utilisation in Policy-Making

31.2 Experiences From Various Countries

Chair: Bert de Wit

Introduction

Bert de Wit

Managing the North Sea By Information Based Decision Making

Gerard Linden, H. Voogd

Discussion

BREUGHEL 3

Workshop 12. IA in Industry Development

12.1 Session 1 IA in Industry Development

Chair: Murray Jones

Environmental, Health and Social Impact Assessment Process in Project Development

Gertjan Roseboom, Ian Voges, Rene Jacobs, William Veerkamp

Socioeconomic Effects of OCS Oil and Gas Development in the Gulf of Mexico

F. Larry Leistrütz, Steve H. Murdock, Stan L. Albrecht

Strategic Environmental/Impact Assessment in the Regulation of Oil Sector in Brazil

Nilce Olivier Costa, Maria Rosário Partidário

Strategic Assessment and the Emerging Aquaculture Industry in NSW, Australia

Sam Haddad, Yolande Stone

BREUGHEL 4

Workshop 10. IA Follow-Up

10.4 Implications for Decision Making Management

Co-chairs: Jos Arts, Angus Morrisn-Saunders

The Netherlands: Selective EIA Follow-Up in Practice: Evaluation of a Composting Company

Jacqueline van Vliet

Canada: Socio-Economic Effects Monitoring: Towards a More "Bio-Physical" Approach

Keith Storey

Canada: A Framework for Impact Assessment Follow-Up

Jill Baker

Plenary Discussion

BREUGHEL 5

Workshop 4. Human Rights

4.2 Human Rights Impact Assessment for Business Operations

Chair: Martha Meijer, Marike Radstaake

Toward a Framework for Human Rights Impact Assessment/ Human Rights Impact Assessment for Business

Margaret Jungk

Discussion

BREITNER 3

Indaba

ESCHER 1

Workshop 25. Linking IA & Management Tools

25.1 Session 1 Linking IA & Management Tools

Chair: Bill Sheate

Introduction to Linking Tools Sessions

Bill Sheate

Something Old, New or Borrowed

M. De Sain

Enhancing Positive Environmental Impacts Through EPP

Abdulrahman S. Issa, Ian Campbell

Assessing Environmental Impacts During Natural Disaster: The Development of a Rapid Environmental Assessment Methodology

Charles Kelly

ESCHER 2

Workshop 22. IA Training & Capacity Building

22.3 Training and Capacity Building, General

Co-chairs: Julieta Pisanty Levy, Peter Croal

An EIA Training Needs Analysis Of Developing Countries

Karen Buchanan, Michael McCall, Noortje Vis

The Impact of Training on Impact Assessment

Zoe Richards, Caron Bowen

Developing More Effective Impact Assessment, Training and Capacity

Johanna Curren

Capacity Building of Eco-auditing in School

Young S. Nam

Incorporation of Local Content in the EIA Process and Document: Another Avenue for In-country Capacity Building

Johanna Kollar

FRANS HALSZAAL

Workshop 30. EIA in The Netherlands

30.2 Future Trends

Chair: Job van den Berg

Introduction

Job van den Berg

Preparing EIA

Hans van Maanen

Modern Decision-Making Requires Modern EIA

Harry Van Huut

Discussion

CONCURRENT SESSIONS

CONCURRENT sessions

MARISZAAL 1

Workshop 8. Integrated IA

8.1 What Do We Mean By Integration and Integrated Approaches?

Chair: Andrew Brookes

Integration and Integrated Approaches to Assessment: What Do They Mean for the Environment?

Ivan Scrase, William Sheate

Environmental Impact Assessment - The Challenge to Compare Apples and Pears

Olav Hauge, Lise Erikson

From Strategic Environmental Analysis (SEAN) to Adaptive Management

Jan-Joost Kessler

Cost Benefit Analysis as Integral Impact Assessment, The Dutch Experience

Nathalie De Koning

OEEI: A New CBA Method for the Evaluation of Transport Infrastructure in The Netherlands: Building Block for Econocracy or Basis for Even-handed Policy Information

Martin de Jong, Harry Geerlings

MARISZAAL 2

Workshop 3. Public Participation in IA

3.4 Public Participation in Practice 2

Chair: Bert Enserink

Polder Public as Partner

M.Hensen

SEA at the Round Table -- Vienna's Approach to Make SEA Suitable for Public Participation

Kerstin Arbter

Scoping Practice in Canada: Issues and Directions

Peter Mulvihill

Waste Management Facility Siting in Korea

Mu-Choon Lee

MESDAGZAAL 1

Indaba

MESDAGZAAL 2

Indaba

VERMEERZAAL 1

Workshop 1. SEA

1.6 SEA Guidance and Practice

Chair: Marc van Dyck

SEA and EIA in Swedish Sida's Development Cooperation Programs

Hans-Georg Wallentinus, Eva Stephansson, Stina Lundström

SEA/SD Assessment Tool and Training Program

Ruth Thoms, Guy Follen

Between Planning and Politics

Niek van der Heiden

Strategic Environmental Assessment in Central and Eastern Europe

Jiri Dusik

VERMEERZAAL 2

Workshop 5. Health IA

5.6 The Way Forward: Should Health and Social Impact Assessments Be Integrated?

Chair: Robert Rattle

This session will be organized as a panel discussion. Through an open dialogue format, the session will explore the feasibility and desirability of integrating health and social impact assessments into a human impact assessment, and what may be necessary to proceed if integration is considered viable.

Panel members: Martin Birley, Frank Vanclay, Norman Lee, Romeo Saganash

FRIDAY 21 JUNE

9:00AM – 10:30AM

BREUGHEL 1

Indaba

BREUGHEL 2

Indaba

BREUGHEL 3

Workshop 12. IA in Industry Development

12.2 Session 2 IA in Industry Development

Chair: Murray Jones

Using EIA to Avoid EIA - Industrial Contradiction or Just Good Business Practice

Ross Marshall

An Environmental Impact Assessment for Wind Sites

Virginio Bettini, Chiara Rosnati, Gianfranco Capra, Emanuela Cabula, Stefania de Riso

Environmental Assessment as a Planning Tool for the Decommissioning of a Nuclear Research Facility

M.H. Klukas, D.J. Grondin, R.A. Helbrecht

An Economic Assessment of Stakeholder Engagement in Investment Decisions

Rianne de Leeuw, Joram Krozer

BREUGHEL 4

Workshop 24. IA for IAIA'02

Chair: Verina Ingram, Harriët Walinga

What Can We Learn from This Year's Experience of Making the EIA?

Environmental Impact Assessment of IAIA'02

Jason Lim, Paul Pottuijt, Albert Akovuku, Aida Heijbroek

Reaction of the Dutch EIA Commission

Jules Scholten

Reaction from the Perspective of Lessons Learned from IAIA'01

Luis Sánchez

How Can We Use EIAs for Future Conferences?

Conclusions on the Basis of the EIA Report for IAIA'02

Jos Arts

Virtual Conference: A Successful Way Forward?

William Veerkamp

IAIA Board Members Panel Discussion

IAIA Board Members

Summary

Verina Ingram

BREITNER 3

Indaba

ESCHER 1

Workshop 25. Linking IA & Management Tools

25.2 Session 2 Linking IA & Management Tools

Chair: Bill Sheate

Update From Previous Session

Bill Sheate

Methods for Regional Planning and Management

Johanna Curran, Neal Barker, Srinivas Chokkakula

Piecing Together the Jigsaw of Environmental Management Tools

Tracey Nitz, A.L. Brown

How to Enhance the Utilization of Impact Assessments

Alan L. Porter

Web Site-Based Project Management for Impact Assessment

Paul Sage

ESCHER 2

Workshop 28. IA and Indigenous People

28.1 Indigenous Peoples and EA: Frameworks for Decision-Making

Chair: Siva Ram Vemuri

Apodictic Truth and Scientific Truth Synergised in Informed Decision-Making with Indigenous Peoples: The Otira Viaduct Case Study

Maurice Manawaroa Gray, Mairehe Louise Tankersley

An Innovative Approach to Effective Monitoring of EIA Recommendations

Louis Pierre

A Methodology to Design and Evaluate Institutions From an Indigenous Perspective

Siva Ram Vemuri

FRANS HALSZAAL

Workshop 15. IA for Dams & Water Projects

15.1 Session 1 IA for Dams & Water Projects

Chair: Elizabeth Monosowski

Introduction

Elizabeth Monosowski

Changes in the Environment Owing to Tehri Dam Project at Garhwal, Himalya, India

Sekhar Chandra Set

Social Responsibility in HPP Cana Brava - Brazil

Edio Laudelino da Luz

Community Impact Assessment of Lower Niger River Dredging

C.P. Wolf, Patrick H. Okosi, E.A. Emerhi

Dealing With Flood Risk in a Changing Society: On the Importance of Awareness and Accountability

Herman van der Most, Marcel Rozemeijer, Peter Glas

MARISZAAL 1

Workshop 8. Integrated IA

8.2 Integrating Social Processes and Social Impacts into EIA

Chair: Gerard Stewart

Quality of Life and EIA: A Conceptual and Methodological Framework for an Integrated Approach in Linear Projects

Pierre Andre, Dieudonne Bitondo

Integrating Citizen Values in Environmental Impact Assessment

Annelies Stolp

Integrating Social Assessment into a Biophysical Research Project: Final Report

Misty Samya, Hendrik Snow, Hobson Bryan

Integrated Assessment of the Development of Hydrocarbon Resources: The Case of the Faroe Islands

Jay Paul Wagner, John Christensen

A Case Study in Water Management about Information and Decision Making in Regional EIA

Marinus Kolkman, Matthijs Kok

MARISZAAL 2

Workshop 3. Public Participation in IA

3.5 Public Participation in Practice 3

Chair: John Sinclair

Improvement of Public Participation of EIA in Korea

Sang-Don Lee

Public and Stakeholder Participation in Sustainable Scenario Construction and Evaluation Through Workshops and Focus Groups: A Dutch Case Study

Jaco Quist

Citizens' Juries and Air Quality Management Strategies: The Role of Dispersion Modeling in Facilitating Public Participation

Juliette McDonald, William Sheate, Roy Colville, Mark Nieuwenhuijsen

Is the 2005 Aichi Exposition in Japan Sustainable?

Sachihiko Harashina

MESDAGZAAL 1

Indaba

MESDAGZAAL 2

Indaba

VERMEERZAAL 1

Workshop 1. SEA

1.7 Decision Making and SEA

Chair: Riki Therivel

What to Do When SEA Is Put into Place in the Later Phases of the Policy Decision Cycle!

Marc Van Dyck

Environmental Communication at Strategic Levels of Decision Making

Gustavo Vicente

Reclaiming the Original Purpose of SEA

Tabatha Wallington

Some Preliminary Conclusions of the IAIA Study on Integration

Markus Eggenberger

CONCURRENT SESSIONS

CONCURRENT sessions

VERMEERZAAL 2

Workshop 5. Health IA

5.7 HIA in Its Societal Context

Chair: Roy Kwiatkowski

Health Impact Assessment: Changing the Mechanism of Delivery?

Ben Cave, Sian Penner

Health Impact Assessment as a Tool for Policy Development

Brigit Staatsen, Mark van Bruggen, Guus de Hollander, Tilly Fast

Developments Regarding HIA and Intersectoral Policy in The Netherlands

Gerard Varela Put, Lea den Broeder, Manon Penris, Ernst W. Roscam Abbing

HIA as a Tool for Healthy Public Policy Development in Thailand: Experiences, Challenges, and Future Plan

Wiput Phoolcharoen, Decharut Sukkumnoed

The Health Sector's Role in Health Impact Assessment

Iris Elliott

FRIDAY 21 JUNE

11:00AM – 12:30PM

BREUGHEL 1

Indaba

BREUGHEL 2

Indaba

BREUGHEL 5

Workshop 1a. ANSEA: A Project Report

1a.1 The Decision Making Process in Focus. ANSEA: A Project Report

The Decision Making Process in Focus

Chair: Y. Deelstra

Conceptual Background ANSEA: Decision-Making Dimensions and Environmental Assessment

Rodrigo Jiliberto

The ANSEA Approach

Holger Dalkmann

ANSEA's Contribution to the Implementation of the European Directive on SEA

Olivia Bina

ANSEA from a Policy Analysis Perspective

Will Thissen

Discussion

BREITNER 3

Workshop 26. IA in World Trade, Part 2

26.4 Integrated Assessments and World Trade Policy, Post-Doha

Co-chairs: Shirley Conover, Bernice Goldsmith

Integrating Sustainability in Prime Contracting: Experience of the UK Ministry of Defense

Riki Therivel, David Saul, Hilary Carberry, Deborah Seamark

An Experiment With WTO Item 51, Doha Ministerial Declaration

Shirley Conover

ESCHER 1

Workshop 29. Meet the Editors

Chair: Bill Ross

Panel session with the editors of key impact assessment journals

Panel Members

Christopher Wood, *Impact Assessment and Project Appraisal*

Carys Jones, *Impact Assessment and Project Appraisal*

Eric Johnson, *Environmental Impact Assessment Review*

William Sheate, *Journal of Environmental Assessment Policy and Management*

William Page, *Impact Assessment and Project Appraisal*

ESCHER 2

Workshop 28. IA and Indigenous People

28.2 Indigenous Peoples and Impact Assessment: Meeting the Challenge, Case Studies

Chair: Siva Ram Vemuri

Preserving the Batwa Peoples in Zambia

Chanda Kasangala Chuba

Gaining Public Acceptance Before Starting an IA for a Hydroelectric Projects in Northern Quebec, Canada

Real Courcelles

Hydroelectric Development on Chile's Biobio River: Environment, Development, and Indigenous Peoples

Leonard Ortolano

FRANS HALSZAAL

Workshop 15. IA for Dams & Water Projects

15.2 Session 2 IA for Dams & Water Projects

Chair: Elizabeth Monosowski

EIA Decision Making in Large Scale Projects -Experience in Iceland

Thóroddur F. Thóroddsson, Óli Halldórsson, Hólmfríður Sigurðardóttir

Concluding Discussion

MARISZAAL 1

Workshop 8. Integrated IA

8.3 Future Directions for Integration: Some Perspectives

Chair: Ivan Scrase

Working Towards Achieving the Goal of Sustainable Development

Andrew Brookes

Planning and Design for Sustainability: Applications from Australia's Wet Tropical Rainforest and Great Barrier Reef World Heritage Areas

Ross Kapitzke

Meta-Impact Assessment: Can IA Become User-Friendly?

Lee Doran

EIS in Decision-Making: Current Issues and Future Directions in the Jurisdiction of South Wales Australia

Sam Haddad, Yolanda Stone

Outputs and Conclusions from Workshop

Andrew Brookes

MARISZAAL 2

Workshop 3. Public Participation in IA

3.6 Public Participation in the Electronic Age -- Discussion
Session with Report

Chair: Bert Enserink

Striving for Meaningful Public Participation

Jim Clarke

Marketing Impact Assessment: A Radical Proposal

Desmond Connor

MESDAGZAAL 1

Workshop 14. Environmental Legislation

14.5 Round Table

Co-chairs: José Luis Salazar, Nightingale Rukuba-Ngaiza

Discussion with people from other fields that share mutual interests, such as public participation in relation to legal and institutional arrangements, countries in transition, EU accession countries, legal implications of trade agreements, etc.

MESDAGZAAL 2

Indaba

VERMEERZAAL 1

Workshop 1. SEA

1.8 SEA - the Way forward

Chair: Thomas Fischer

Statements of Rapporteurs (5 Minutes Each)

Debate on Further Development of SEA

Concluding Workshop

Thomas Fischer

VERMEERZAAL 2

Workshop 5. Health IA

5.8 Identifying the Key Challenges and Issues in Implementing and Integrating HIA

Co-chairs: Carlos Dora, Ernst W. Roscam Abbing

This session will review the recent practical experience in implementing and trying to integrate HIA in the IA of development and sectoral policies, including in EIA and SEA. The session will be set up as a dialogue workshop, and the results will be fed into the planning of the new WHOHIA Programme.

NOTES

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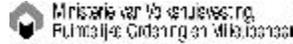
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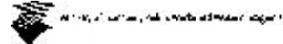


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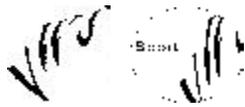
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Resource Analysis



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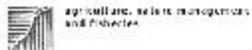


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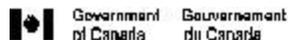


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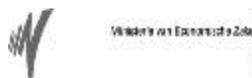
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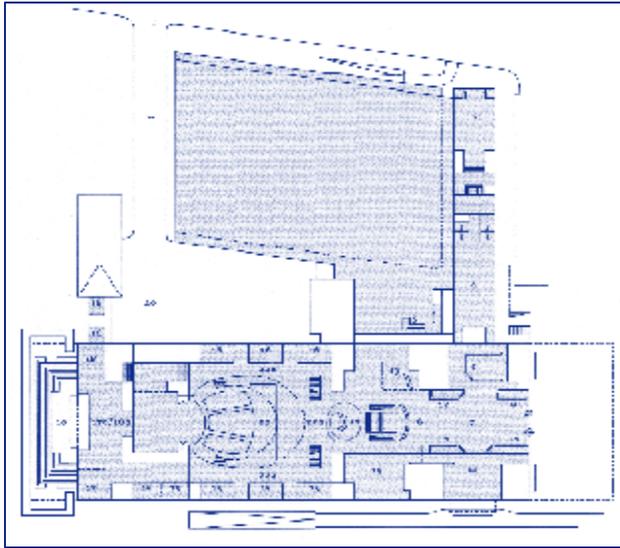
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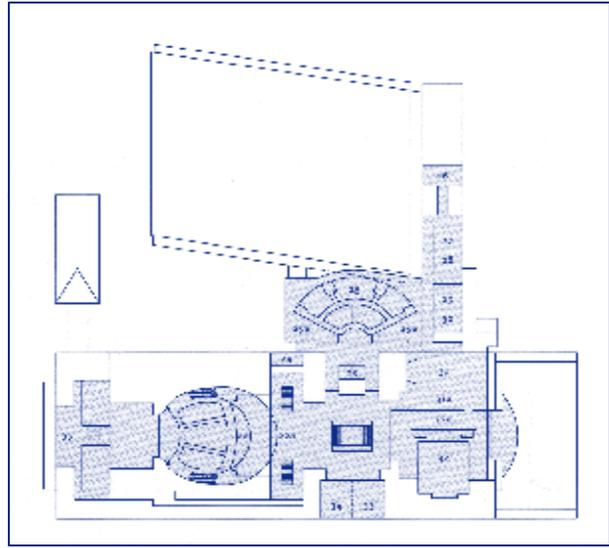


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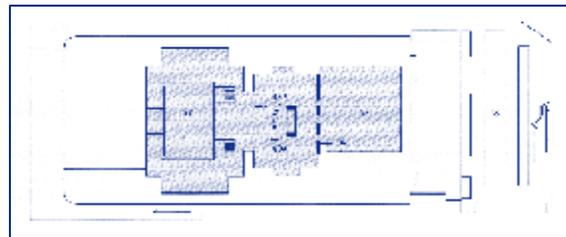
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- 2 Carol Willink
- 3 Offices Staten
- 4 Entrance Staten
- 5 Free Flow Restaurant
- 6 Cloakroom
- 7 Netherlands Congress Centre Entrance/Main Lobby
- 8 Business Centre
- 9 Box Office
- 10 Service Control
- 11 Dorint Hotel Lobby
- 12 Congress Registration Desk
- 13 Famous Tables Theatre Cafe
- 14 Grand-Taverne Orangerie
- 15 Breughel
- 16 Breitner
- 17 Vermeer 1
- 17a Vermeer Lounge
- 18 Vermeer 2
- 18a Vermeer Lounge
- 19 Open-air Amphitheatre
- 20 Inner Court
- 21 Inner Court Entrance
- 22/a Prins Willem-Alexander/Foyer



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- 22/a Prins Willem-Alexander/Foyer
- 23 Zonnebloemen
- 24 VIP room
- 25 Van Gogh
- 25a Van Gogh Foyer
- 26 Frans Hals
- 27 Maris 2
- 28 Maris 1
- 29 Mesdag 2
- 30 Mesdag 1
- 31/a Rembrandt/Foyer
- 32/a Mondriaan/Foyer
- 33 Escher 2
- 34 Escher 1
- 35 Performers' Foyer



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Technical Visit Areas



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Attendees...

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- *Consultants*
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- *Researchers and academics*
- *Legislators*
- *Educators and trainers*
- *All others with an interest in impact assessment*

Activities and Resources...

- *Opportunities to influence the process and direction of IA practice*
- *Interaction with professional peers*
- *The most recent tools and techniques*
- *Current best practice principles*
- *A chance to provide input to the World Summit*
- *Results-based workshops and round tables*
- *Wide range of training courses*
- *Illustrative technical visits*
- *Flexible scheduling for emphasis-area interests*

Overview of Events

Saturday, 15 June
Training Courses All day
Technical Visit All day

Sunday, 16 June
Training Courses All day
Technical Visit All day

Monday, 17 June
Technical Visits All day
Opening Reception Evening

Tuesday, 18 June
Plenaries, Problem-Solving Sub-Sessions All day
Committee Meetings Evening

Wednesday, 19 June
Workshops All day
Poster Session and Social Event Afternoon/Evening

Thursday, 20 June
Plenaries, Problem-Solving Sub-Sessions,
Indaba Sessions, Workshops, AGM All day
Section Meetings Afternoon
Conference Dinner Evening

Friday, 21 June
Workshops, Indaba Sessions Morning
Closing Plenary Afternoon



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A IAIA'02 The Netherlands
Assessing the Impact of Impact Assessment
Impact Assessment for Informed Decision Making