

*"Integrity is your destiny—
it is the light
that guides your way." - Plato*

IAIA

Ethics & Quality

FINAL PROGRAM

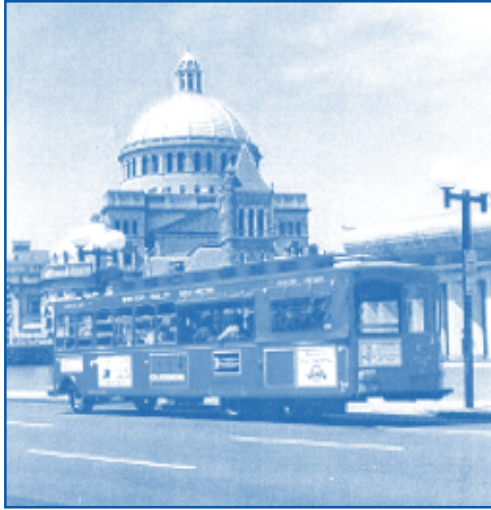
**31 May - 3 June 2005
Hyatt Regency Cambridge
Boston, Massachusetts, USA**

**IAIA'05 • 25th Annual Conference of the
International Association for Impact Assessment**

Featuring Keynote Speakers

- **James Gustave Speth**
Author of Red Sky at Morning
- **Edith Brown Weiss**
Chair of the World Bank Inspection Panel
- **Taimalelagi Fagamalama Tuatagaloa-Matalavea**
Anglican Observer at the United Nations

IAIA 1980-2005 • Celebrate the Spirit!



Beantown Trolley • Courtesy Brush Hill Tours/Gray Line of Boston

Table of Contents

About IAIA	25
AGM Agenda	25
Book Share	29
Business Services	29
Committees	30
Concurrent Sessions - Detailed Schedule	15-23
Conference Dinner	27
Conference Theme	3
Council Meeting	25
Daily Schedule	6-7
Definition of Terms	25
Exhibitors	26
General Information	29
Getting the Most from This Conference	4
IAIA Committees and Sections	25-26
Keynote Speakers	5
Opening Reception and Poster Session	4
Poster Presenters' Information	29
Practitioners' Forums	4
Presentation Equipment	29
Publication of Papers/Proceedings	29
Registration Information	29-29
Shuttle Information	29
Sightseeing	28
Special Activities	27
Special Events	4
Sponsors	32
Technical Visits	4
Theme Forums - Detailed Schedule	10-14
Training Courses	6
Welcome	2

Welcome and Introduction to IAIA'05

I am delighted that so many members, sponsors and prominent persons have been prepared to support the Association's 25th Anniversary Conference. Your support for the theme "Ethics and Quality" is also most pleasing. Gauging from the responses I have had to pieces I have written in the IAIA Newsletter over the past year, I know that many environmental professionals share my concern that insufficient attention has been given to ethics and quality in the past. I feel sure that this IAIA'05 Boston meeting will mark a turning point.

In the invitation to attend this meeting, I said that one of the most important functions of IAIA meetings is the opportunity they afford for persons from diverse parts of the world to make and renew friendships. I hope that everyone attending this meeting will find this to be true, while at the same time increasing personal knowledge and understanding of impact assessment.

Charlotte and Wes have done a sterling job putting together an interesting and varied programme. I am sure this, together with your participation, will make for a fulfilling and uplifting meeting.

Most sincerely,

• **Richard Fuggle**

President, International Association for Impact Assessment

Professor, University of Cape Town, South Africa

WELCOME TO IAIA'05, AND TO BOSTON-CAMBRIDGE, MASSACHUSETTS, USA



Lighthouse. Courtesy Boston Harbor Cruises

IAIA'05 affords us the opportunity to examine and debate issues of ethical conduct and standards of quality in impact assessment and, as a practical matter, consider what the hallmarks of good assessment and ethical practice should be. Accomplishing impact assessment in accordance with ethical principles and high standards of quality is a noble aspiration, which the IAIA Code of Ethics already reflects. Aspiration and a code of ethics, however, are not enough. The occasion of IAIA's 25th anniversary is an especially appropriate time for us to reflect and embark upon discussions of where we have been and, especially, the future direction of our Association over the next 25 years.

We hope that you will take advantage of all that IAIA'05 has to offer:

- Benefit from the insights of our three eminent keynote speakers, participate in several of the fourteen Theme Forums that address challenging and cross-cutting topics, and contribute your knowledge to the many concurrent sessions, workshops and roundtables.
- Bring your involvement with or become a new member of an IAIA specialty Section.
- See the sights of the local area through informative technical visits, attend first-rate training courses, and enjoy the social events, including the Fun Run.
- Attend one or more of the pre-conference meetings, related to state-level environmental impact assessment, Indigenous Peoples, and a World Bank Group Day.
- Join us in the celebration of IAIA's 25th Anniversary.

Here are some questions this conference will address. We invite you to add your own questions and points of view, through your participation:

- Competing demands, deadlines/tight schedules and lack of resources can affect quality and ethical standards. What can and should practitioners do?
- Who is the client and to whom do we owe allegiance? Do we answer to standards set by the profession as well as those set by regulations and policies? Are principles of environmental and social sustainability and the needs of stakeholders even more important?
- Are transparent decision-making and transparent communication necessary or just nice to have?
- Should there be a global standard for quality in impact assessment?
- Is quality determined by the quality of a document, the process of doing assessment or the outcomes?
- How should our profession address the issues of global deterioration of ecosystems? What should be our role as a professional association, or as individual members?

We urge you to read through the program, make your selections and, especially, use this occasion to talk with your colleagues and meet new ones. Learn, share, network, and have a good time! Twenty-five years and still going—celebrate the spirit!

• **Charlotte Bingham** and **Wes Fisher**
Program Committee Co-Chairs

Special Events

● Indigenous Peoples and Impact Assessment: How Has Impact Assessment Measured Up to the Challenges of Indigenous Peoples' Development?

Sunday, 29 May • 9:00am-5:00pm

The event provides a technical forum for Indigenous Peoples leaders, practitioners of impact assessment and other stakeholders to discuss, exchange and share successes and failures of Indigenous Peoples with impact assessment.

The special conference event on Indigenous Peoples and Impact Assessment is a collaboration between the Grand Council of the Cree of Eeyou Istchee; the Tebtebba Foundation, Philippines; the World Bank Group; Hydro Québec; and IAIA.



The World Bank Group

● State-Level Environmental Impact Assessment

Monday, 30 May • 8:25am-5:00pm

Approximately twenty-five US states have their own programs for preparing environmental impact assessments of proposed governmental and private actions. These are often called "little NEPAs," but in the aggregate they are responsible for the preparation of far more impact assessments than are created under the National Environmental Policy Act. This special one-day program is organized by the American Bar Association's Section of Environment, Energy & Resources, the nation's leading organization of environmental lawyers. The program provides a unique opportunity to compare the impact assessment practices in the different states, to identify best practices, to highlight emerging analytical techniques, and to understand the role of the courts in the impact assessment system.

● World Bank Group Day: New Developments in Environmental and Social Safeguard Policies and Procedures

Monday, 30 May • 9:00am-5:00pm

This seminar provides an overview of new developments in environmental and social safeguard policies and procedures used by the World Bank Group. Key topics to be covered are the IFC Safeguards Update (IFC) and the Use of Country Systems for Safeguards (IBRD/IDA). The seminar includes presentations on these new developments and opportunity for discussion of their application in World Bank Group supported projects. An overview will also be presented concerning internal and external training provided by the World Bank on environmental and social safeguard policies.

● Opening and Closing Plenaries

The opening session at IAIA'05 is the professional highlight of this conference. The three keynote speakers are exceptional additions to the IAIA program. See page 5 for the brief biosketches of James Gustave Speth, Edith Brown-Weiss, and Taimalelagi Fagamalama Tuatagaloa-Matalavea.

IAIA'05's closing plenary will find delegates glued to their seats to hear the summary, integration and lessons learned from the previous days of presentations, discussions, workshops and debates. Don't miss the discussion on where the impact assessment profession will be 25 years from now.

● Opening Reception and Poster Session

Monday, 30 May • 7:00pm-9:00pm

An innovation in IAIA conference events, this mix of business and pleasure offers a chance to relax from travels and greet fellow colleagues and friends while also providing a dedicated opportunity to meet poster authors and discuss questions and issues raised by their posters.

● Theme Forums

Theme forums are "cut-above" presentations and discussions which draw together major threads of the conference theme. See pages 10-14 for the lists of speakers and topics.

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. Let us suggest that one of your goals be to meet at least one person you intend to communicate with again on a business or social basis.
- **Participate!** Ask questions. Make contributions. Actively participate in the exercises. Consider the meeting room to be a "mental gymnasium" where it's okay to run, fall, and get up again. You'll benefit much more by participating in the game 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.
- **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 each evening while your ideas and enthusiasm are fresh.
- **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.
- **Orient, inform, and prepare yourself.** Register early and then take time to walk through the venue to familiarize yourself with locations of activities before the rush of the conference begins. Read through the program thoroughly. Highlight the sessions you want to attend. Read those abstracts and prepare questions for the speakers.
- **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.

● Practitioners' Forums

IAIA provides space for impromptu discussions and "pop-up" topics in unanticipated/unscheduled areas of interest. Flip charts are provided in the Ballroom foyer/Courtyard area. In the morning, write in your proposed topic or sign up for a topic of interest to you. In the afternoon, topics are chosen and the locations are added to the flip chart. Groups then meet in those locations to hold discussions. The informality and spontaneity guarantee a lively end to each day's sessions. Organized by J.B. Collier.

● Technical Visits

A. Environmental Justice

Organized by US EPA and Chelsea Creek Action Group. Friday, 3 June • 1:00 - 3:30pm

B. Central Artery/Big Dig

Guided tour sponsored by the Central Artery's Big Dig Project. Friday, 3 June • 1:30 - 6:30pm

C. Charles River Watershed

(meet in Thomas Paine)

Friday, 3 June • 4:30 - 9:30pm

D. Boston Harbor Tour

Organized by Coastal Zone Management and MWRA's Deer Island Treatment Plant.

Saturday, 4 June • 9:30 - 3:30pm

E. South Shore Coastal Hazards Field Trip

Organized by Coastal Zone Management.

Saturday, 4 June • 12:00 - 6:00pm

Please plan to check in at the registration desk and (except as noted for Visit C) assemble at the hotel's main entrance (Amesbury Street) at least 15 minutes prior to the departure time of your visit. Participants must be pre-registered and prepaid.



**Edith
Brown Weiss**

Edith Brown Weiss, Chair of the World Bank Inspection Panel, has taught and published widely on issues of international law and global policies, including environmental and compliance issues, and is the Francis Cabell Brown Professor of International Law at Georgetown University Law Center. Ms. Brown Weiss served as President of the American Society of International Law and as Associate General Counsel for the U.S. Environmental Protection Agency, where she established the Division of International Law. Ms. Brown Weiss has been a director, trustee, or advisor for the Japanese Institute for Global Environmental Strategies, the Cousteau Society, the Center for International Environmental Law, and the National Center for Atmospheric Research, among others; a Special Legal Advisor to the North American Commission on Environmental Cooperation; a member of the U.S. National Academy of Sciences' Commission on Geosciences, Environment, and Resources, the Water Science and Technology Board, and the Committee on Sustainable Water Supplies in the Middle East; and is an elected member of the American Law Institute, the Council on Foreign Relations, and the IUCN Commission on Environmental Law.



**James
Gustave Speth**

James Gustave Speth founded and was president of the World Resources Institute, co-founded the Natural Resources Defense Council, served as adviser on environmental issues for Presidents Carter and Clinton, and was chief executive officer of the United Nations Development Programme. He is currently dean and professor in the practice of environmental policy and sustainable development at the School of Forestry & Environmental Studies, Yale University.

In his new book *Red Sky at Morning* (www.redskyatmorning.com), Gus calls for extraordinary new initiatives, a mobilized civil society, and respect for the unprecedented ethical position in which we find ourselves if we are to avoid global catastrophe and ensure a livable, peaceful planet for upcoming generations. He argues that a new level of responsibility is required from all of us, and his book arms citizens with the information they need to take action and effect change before it is too late.



**Taimalelagi
Fagamalama
Tuatagaloa-
Matalavea**

Archdeacon **Taimalelagi Fagamalama Tuatagaloa-Matalavea** is the Anglican Observer at the United Nations.

Mrs. Matalavea received a B.A. in Accounting/Administration from the University of Samoa in 1984, after she had attained, in 1964, a New Zealand School certificate-General Education.

She has had a long association with the UN and was the operations manager for the United Nations Development Programme (UNDP) at its Samoan field office. Over the years she contributed substantially to the Annual Reports of the UN Resident Coordinators/UNDP Resident Representatives. She also wrote and coordinated the implementation of the security plan for all UN Agencies in Samoa as well as the South Pacific Regional Environment Program (SPREP). She has also been closely involved with the South Pacific Regional Environment Programme.

In the Anglican Church of Aotearoa, New Zealand and Polynesia, Mrs. Matalavea gained a rich experience of the Anglican Communion as she was exposed to issues of justice, peace and international projects. She has participated in leadership roles during Anglican Consultative Council meetings in Singapore, England, Wales and Southern Africa. She was responsible for a submission from the Faith Communities to the World Summit on Sustainable Development held in Johannesburg.

The opening plenary features speakers **Elizabeth Brown Weiss**, **Taimalelagi Fagamalama Tuatagaloa-Matalavea**, and **James Gustave Speth**. This is an exceptional opportunity to hear speakers of international distinction.

The opening plenary will start on time. Delegates are encouraged to arrive early.

To minimize interruption, the registration desk will close 15 minutes prior to the start of the plenary and will reopen at the lunch break. Please plan your conference check-in time accordingly.

Daily Schedule



Ship at harbor • Courtesy Brush Hill Tours/Gray Line of Boston

Saturday 28 May

3:00-6:00 Registration (Lobby)
Training course and Indigenous Peoples' Forum participants

Sunday 29 May

8:00-10:00 Registration (Lobby)
Training course and Indigenous Peoples' Forum participants

9:00-5:00 Training Courses

1. The Right Place—Using Innovative Tools
3. SEA: Strategic Approaches
5. SEA and Sustainability Appraisal
6. Mainstreaming Biodiversity in EIA
7. Addressing Health in SEA and EIA
8. Concepts, Process and Methods of SIA

9:00-5:00 Indigenous People's Forum (Crispus Attucks)

4:00-7:00 Registration (Lobby)
Training Course 9, State-Level EIA, and World Bank Group Day participants

6:30 Bike Tours (meet in Lobby at 6:00)

Monday 30 May

7:45-6:30 Registration (Lobby)

9:00-5:00 Training Courses

3. SEA: Strategic Approaches
5. SEA and Sustainability Appraisal
6. Mainstreaming Biodiversity in EIA
7. Addressing Health in SEA and EIA
8. Concepts, Process and Methods of SIA
9. Theory, Practice & Principles Follow-up

8:25-5:00 State-Level EIA

9:00-5:00 World Bank Group Day (Empress-14th Floor)

1:00-6:30 Exhibit & Poster Setup (Courtyard, Ballroom Foyer)

7:00-9:00 Opening Reception and Poster Session
(Lobby, Courtyard, Ballroom Foyer)

Tuesday 31 May

7:30-8:15 Registration (Lobby)

8:30-10:15 Opening Plenary (Ballroom)

- **Welcome to IAIA'05.** Richard Fuggle, President of IAIA and Charlotte Bingham and Wes Fisher, IAIA'05 Program Co-chairs
- **Welcome.** James L. Connaughton, Director, Council on Environmental Quality (CEQ)
- **Accountability and Impact Assessment.** Edith Brown Weiss, Chair of the World Bank Inspection Panel

10:15-10:45 Break (Courtyard, Ballroom Foyer)

10:45-12:15 Opening Plenary *continued* (Ballroom)

- **Healing God's Creation.** Taimalelagi Fagamalama Tuatagaloa-Matalavea, Anglican Observer at the United Nations
- **On the Impact of Climate Impact Assessment: What Went Wrong?** James Gustave Speth, Dean and Professor, School of Forestry & Environmental Studies, Yale University
- **Presentation of Global Environment Award**

12:15-3:30 Registration (Lobby)

12:15-1:30 Lunch (Riverside, Empress, Spinnaker)

1:30-3:00 Concurrent Sessions

3:00-3:30 Break (Courtyard, Ballroom Foyer)

3:30-5:00 Concurrent Sessions

5:00-6:30 Practitioners' Forums
(see flip charts in Courtyard for topics and locations)

5:00-6:30 Committee Meetings

- Training & Professional Development (William Dawes B)
- Affiliates (Paul Revere B)
- Board Nominations (Thomas Paine A)
- Publications (William Dawes A)
- Awards (Cambridge A)
- Sections Coordinating (Cambridge B)

6:30 Dine Out Boston (see sign-up sheets in Lobby)

Wednesday 1 June

- 6:00 Fun Run** (*meet at main entrance-Amesbury Street*)
- 8:00-4:30 Registration** (Lobby)
- 8:30-10:00 Theme Forums**
- Sustainability Ethic (Ballroom A)
 - Transparency in Decision-Making in Impact Assessment (Ballroom B)
 - Impact Assessment Follow-up: Achieving Sustainable Outcomes (Ballroom D)
 - Assessment, Values and New Approaches to Valuation Methods (William Dawes)
- 10:00-10:30 Break** (Courtyard, Ballroom Foyer)
Sponsored by ARD, Inc.
- 10:30-12:00 Theme Forums**
- The Role of the Legal System in Safeguarding Ethics and Quality in Impact Assessment (Ballroom A)
 - Boston Central Artery/Tunnel Project: Panel Discussion (Ballroom B)
 - Ethics and Quality in Trade Impact Assessment (Ballroom D)
 - Assessment Values and New Approaches to Valuation Methods continued (William Dawes)
- 12:00-12:45 IAIA Annual General Meeting** (Riverside)
- 12:45-2:15 Lunch** (Ballroom)
Sponsored by Commission for Environmental Cooperation (CEC)
Speaker: William Kennedy, Director, CEC
- 12:45-2:15 IAPA Editorial Board Meeting**
- 2:30-4:00 Concurrent Sessions**
- 4:00-4:30 Break** (Courtyard, Ballroom Foyer)
- 4:30-6:00 Concurrent Sessions**
- 6:00-7:30 Practitioners' Forums**
(see flip charts in Courtyard for topics and locations)
- 6:00-7:30 Section Meetings**
- Agriculture, Forestry and Fisheries (Paul Revere A)
 - Biodiversity & Ecology (Empress)
 - Environmental Management Systems (Paul Revere B)
 - Indigenous Peoples (William Dawes A)
 - Health Impact Assessment (Ballroom D)
 - Integrated Assessment of Trade Related Policies (Thomas Paine A)
 - Urban (Cambridge A)
 - SEA (Haym Soloman)
 - Disasters & Conflict (Crispus Attucks)
 - Environmental Law, Policies & Practice (William Dawes B)
 - Public Participation (Riverside)
 - SIA (Molly Pitcher)
- 7:30 Dine-Out Boston** (*see sign-up sheets in Lobby*)

Thursday 2 June

- 8:00-3:30 Registration** (Lobby)
- 8:30-10:00 Theme Forums**
- Quality Enhancement Through Peer Review (Ballroom A)
 - Corporate Social and Environmental Responsibility (Ballroom B)
 - The Ohio River Mainstem Systems Study (ORMSS)—A Case Study Illustrating Innovative Approaches (Ballroom D)
- 10:00-10:30 Break** (Courtyard, Ballroom Foyer)
- 10:30-12:00 Theme Forums**
- IA Professional Accreditation: Implications for Ethics, Quality and IAIA (Ballroom A)
 - The Role of Impact Assessment in Brokering Revenue Transparency (Ballroom B)
 - The Ohio River Mainstem Systems Study (ORMSS)—A Case Study Illustrating Innovative Approaches (Ballroom D)
- 12:00-1:30 Lunch** (Riverside, Empress, Spinnaker)
- 1:30-3:00 Concurrent Sessions**
- 3:00-3:30 Break** (Courtyard Ballroom Foyer)
- 3:30-5:00 Concurrent Sessions**
- 5:00-6:30 Practitioners' Forums**
(see flip charts in Courtyard for topics and locations)
- 7:00 Conference Banquet and Anniversary Party** (Ballroom)
Emcees: Charlotte Bingham and Paul Dulin

Friday 3 June

- 8:00-11:00 Registration** (Lobby)
- 8:30-10:00 Awards and Closing Plenary** (Ballroom)
- Charlotte Bingham and Wes Fisher, IAIA'05 Program Co-chairs
 - Where We've Been. Chris Wood
 - Where We're Going. Barry Sadler
 - 25 Years: What This Conference Means. Brian Clark
- 10:00-10:30 Presentation of Awards**
Chair: Hussein Abaza
- 10:30-11:00 Break** (Courtyard, Ballroom Foyer)
- 11:00-12:30 Closing Plenary** (*continued*)
- William Veerkamp, Incoming IAIA President
 - Introduction to IAIA'06
- 1:00-3:30 Technical Visit A: Environmental Justice**
- 1:30-6:30 Technical Visit B: Central Artery /Big Dig**
- 2:00-4:00 Council Meeting** (Crispus Attucks)
Refreshments sponsored by Southern California Edison
- 4:30-9:30 Technical Visit C: Charles River** (*meet in Thomas Paine*)

Saturday 4 June

- 9:30-3:30 Technical Visit D: Boston Harbor**
- 12:00-6:00 Technical Visit E: South Shore**

Technical Program Overview

Room	Tuesday May 31		Wednesday June 1		
	1:30-3:00	3:30-5:00	8:30-10:00	10:30-12:00	2:30-4:00
Ballroom A	Biodiversity (1)	EIA: Sustainable Development (15)	Sustainability Ethic Theme Forum (TF1)	Legal System Theme Forum (TF6)	
Ballroom B	Public Participation (4)	Public Participation (18)	Transparency Theme Forum (TF2)	Boston Central Artery Theme Forum (TF5)	
Ballroom D	HIA (9)	HIA (23)	Follow-up Theme Forum (TF3)	Trade Theme Forum (TF7)	HIA (37)
William Dawes A	Pipelines (8)	Pipelines (22)	Valuation Methods Theme Forum (TF4.1)	Valuation Methods Theme Forum (TF4.2)	Ethics in IA (36)
William Dawes B	HIA (10)	HIA Roundtable (24)			Decision Criteria (38)
Crispus Attucks	Trade (2)	Biodiv/Trade (16)			Trade (30)
Molly Pitcher	EMS (3)	EMS (17)			Public Participation (31)
Paul Revere A	Quality Assurance (5)	Follow-up (19)			Follow-up (33)
Paul Revere B	Agriculture, Fisheries & Forestry (6)	Agriculture, Fisheries & Forestry (20)			Agriculture, Fisheries & Forestry (34)
Haym Soloman	SEA (7)	SEA (21)			SEA (35)
Thomas Paine A	Updates: Int'l Assistance Agencies (11)	Cross-national (25)			Cross-national (39)
Cambridge A	Communication (14)	Indigenous Peoples (26)			Urban (40)
Cambridge B	Intro to IAIA (13)	EIA: Practical Issues (27)			EIA: Case Studies (41)
Thomas Paine B	Meet Editors (12)	SIA Roundtable (28)			SIA Roundtable (42)
Empress					Biodiversity (29)
Riverside					Public Participation (32)

Technical Program Overview

4:30-6:00	Thursday June 2				Room
	8:30-10:00	10:30-12:00	1:30-3:00	3:30-5:00	
	Quality-Peer Review Theme Forum (TF8)	Accreditation Theme Forum (TF12)	Biodiversity (56)	Biodiversity (70)	Ballroom A
	Corp Responsibility Theme Forum (TF9)	Revenue Transparency Theme Forum (TF11)	Public Participation (59)	Public Participation (72)	Ballroom B
HIA (50)	River Systems Theme Forum (TF10.1)	River Systems Theme Forum (TF10.2)	HIA (64)	HIA (78)	Ballroom D
Pipelines (49)			Capacity Building (63)	Training (77)	William Dawes A
EA Law (51)			EA Law (65)	Expert Witness (80)	William Dawes B
Disaster & Conflict (44)			Trade (57)	Cultural Heritage (71)	Crispus Attucks
			EMS (58)	Public Participation (73)	Molly Pitcher
Follow-up (46)			SIA (60)	SIA (74)	Paul Revere A
Quality Assurance (47)			Nat'l EA System (61)	Nat'l EA System (75)	Paul Revere B
SEA Case Studies (48)			SEA (62)	SEA (76)	Haym Soloman
Cross-national (52)			Disaster & Conflict (66)	Disaster & Conflict (79)	Thomas Paine A
Urban (53)			Indigenous Peoples (67)	EIA Centres (81)	Cambridge A
EIA: Transport (54)			Careers Seminar (69)	Methods & Quality for EIAs (82)	Cambridge B
Decision Criteria (55)			Marrakech Declaration (68)	Marrakech Declaration (83)	Thomas Paine B
Biodiversity (43)					Empress
Public Participation (45)					Riverside

Theme Forums

THEME FORUMS BRING TOGETHER SPECIAL SPEAKERS TO OPEN IAIA'05 CONFERENCE DISCUSSIONS ON VARIOUS ASPECTS OF ETHICS AND QUALITY IN IMPACT ASSESSMENT. THEME FORUMS ARE INTEGRATIVE IN NATURE AND DEAL WITH CROSS-CUTTING ISSUES RELEVANT TO THE MANY SPECIALTIES OF IMPACT ASSESSMENT. THE PROGRAM COMMITTEE HAS BEEN ABLE TO SELECT TOPICS AND SPEAKERS WITH BROAD APPEAL, ESPECIALLY RELEVANT TO ETHICS AND QUALITY. BECAUSE THE NUMBER OF CONCURRENT THEME FORUMS IS LIMITED, THEY ALSO PROMOTE WIDER PARTICIPATION OF CONFERENCE PARTICIPANTS IN THE SAME DISCUSSIONS.

IAIA'05 INTRODUCES A NEW FEATURE—ON THE LAST DAY OF THE CONFERENCE, CONVENERS OF THE THEME FORUMS WILL PRESENT THE MAIN IDEAS OF THE PAPERS AND PRESENTERS AND THE OVERARCHING QUESTIONS AND ISSUES WILL BE SUMMARIZED BY DISTINGUISHED IAIA MEMBER BRIAN CLARK. BARRY SADLER THEN CHALLENGES US ALL TO THINK ABOUT THE FUTURE OF IMPACT ASSESSMENT BASED ON LESSONS LEARNED AND OUR VISION OF THE FUTURE.

BALLROOM A

TF1. Sustainability Ethic

Chair: Paul Raskin, Tellus Institute, Boston

- Introduction. Paul Raskin
- Sustainability in Perspective—from Walden Pond to the Global Commons. Barry Sadler, Canada
- Global Futures and Human Choice. Paul Raskin
- Sustainability Strategies. Barry Dalal-Clayton, International Institute for Environment and Development (IIED)
- Wrap up: An Applied Ethic for Muddling Toward Sustainability. Barry Sadler

Sustainability is the compelling theme of our times. The road from Rio to Johannesburg, from the Earth Summit to the World Summit on Sustainable Development (WSSD), is littered with definitions, declarations and delineations of the term and its implications.

As a policy currency, sustainability remains a common denominator of intent and action, especially at the international level where a sea change seems to be underway in the delivery of development assistance and cooperation. The strategies of multilateral and bilateral donor agencies, *inter alia*, are being oriented toward poverty reduction within the context of meeting the Millennium Development Goals, including ensuring environmental sustainability.

In the broader scheme of things, this orientation appears to address simultaneously the goals of intra- and inter-generational equity central to the concept of sustainable development. While seemingly progressive, many policy critics point to an ever widening gap between words and deeds, one which conceals a potential tension between equity addressing our current human condition, and stewardship that takes into account the potential needs of generations to come.

A guiding ethic is necessary, but not sufficient, for making a real transition to sustainability. We must also live up to our humanitarian and ecological obligations—gear change will occur only through a series of interlocking actions—personal, corporate and governmental.

This forum examines the transition to sustainability, the dilemmas it presents and the guiding ethic(s) needed to chart a course that is fair to the present generation, while also ensuring opportunity and well-being for the next and future generations.

Specific aspects and issues to be considered include:

- Human rights and responsibilities and distributive fairness in development
- Welfare economics and sustainable production and consumption
- Ecological functions and the place of other species
- Alternative scenarios of the future and implications for human choice

BALLROOM B

TF2. Transparency in Decision-Making in Impact Assessment

Chair: Peter Croal, SAIEA, Namibia

- Welcome and Introduction, Peter Croal
- Public Participation: A Prerequisite for Sustainable Development, Johanne Gelinas, Office of Auditor General for Canada
- Transboundary EIA and its Contribution to Participatory Management by Jessica Troell (presenting), Environmental Law Institute, USA and Scott Schang, Environmental Law Institute
- Quality Public Participation During EIA by Tisha Greyling, Golder Associates Africa Ltd.
- First Nations and EIA—A Critical Tool for Cultural Preservation and Self Determination, Dr. Ted Moses, Grand Chief, Grand Council of the Crees

Impact assessment is one window through which stakeholders have the opportunity to engage government, non-governmental organizations, private sector and members of the public in decision-making. Participation improves development outcomes because of local inputs and ownership. Governance in its simplest form describes the relationship among institutions, processes and ideas. Achievement of a country's sustainable development goals can be severely challenged if civil society and the public cannot participate in a meaningful way in the decision-making process. Sustainable development cannot be achieved without stakeholder involvement in the impact assessment process.

Of the many stakeholders in decision-making, civil society and the public have the least capacity to effectively engage the government or private sector in public participation in impact assessment (particularly in the developing world). Yet local community engagement by the government can influence and improve development initiatives. Concurrently, local community engagement affords governments the opportunity to engage in a more informed decision-making process, more efficient project approval cycles, better development outcomes and more effective governance.

The development of trust and shared responsibility between an intervention's proponent and affected communities are powerful contributors to the successful management of the impacts of a proposed intervention. Citizens, informed and active in impact assessment, can act as advocates for its use in decision-making processes affecting their lives. By influencing their political leaders, citizens can then help to assure strong public participation in regulating actions. IA can therefore contribute to the strengthening of civil society.

This forum explores the many facets of how civil society involvement in IA can move a country towards better governance and sustainable development, while at the same time enrich the practice of IA.

THEME FORUM SCHEDULE

Wednesday, 1 June
8:30–10:00

BALLROOM D

TF3. Impact Assessment Follow-Up: Achieving Sustainable Outcomes

Chair: Jill Baker, Environment Canada

- Impact Assessment (IA) Follow-up: Achieving Sustainable Outcomes - Opening Remarks, Jill Baker
- Indicators and Monitoring as Tools in IA Follow-up, Paul Dulin, Environmental Specialist/Consultant, USA
- Quality Control by EIA Follow-up: Promoting Adaptive Environmental Management, Angus Morrison Saunders, Murdoch University, Australia
- Going Beyond Projects: Follow-up for SEA and Sustainability Assurance, Jos Arts, Ministry of Transport, Public Works and Water Management, The Netherlands
- Follow-up Principles for Effective Inclusion of Indigenous Peoples: Openness, Respect, Communication and Independence, William A. Ross, University of Calgary, Canada

What is impact assessment (IA) without follow-up? IA procedures in many countries are "front-loaded," oriented to design and decision-making phases of projects to gain regulatory approval. However, environmental and social management measures included in projects are not always implemented following expected standards of quality, timeliness and completeness. Were our assessments accurate and are our environmental and social mitigation measures and management systems efficient? Are we achieving intended sustainable outcomes? Without follow-up, the usefulness of IA and the true outcomes of development activities will essentially remain unknown. Follow-up ensures good project implementation and quality control for implementing adaptive management approaches.

Several countries have made progress in systematically integrating follow-up in IA process. But for most, follow-up continues to lack definition and implementation efforts have been erratic. Fortunately, a trend is now emerging on an international level to recognize and address this deficiency. This forum features short presentations by leading follow-up practitioners, followed by a panel discussion and question and answer session with the audience to explore best practice IA follow-up and trends. The forum and related workshop and concurrent sessions will consider lessons learned (the good, the bad, and the ugly?) and successful approaches to IA follow-up, including:

- Compliance and quality control in IA follow-up: who checks on whom?
- Effective and efficient use of indicators and tools for monitoring environmental, social, cultural and economic elements of IA follow-up: how do we know if and when we have achieved sustainable outcomes?
- Involvement of local communities in IA follow-up programs, both in their design and implementation: who is it the project impacts anyway?
- The challenge of taking IA follow-up beyond examination of individual projects to the next level of strategic environmental assessment (SEA) and sustainability assessments.

WILLIAM DAWES

TF4(I). Assessment, Values and New Approaches to Valuation Methods

Chair: Bryan Norton, School of Public Policy, Georgia Institute of Technology, USA

- Introduction, Bryan Norton
- Beyond Pricing: Economics and Collaborative Decision-Making, Richard Howarth, Dartmouth College, New Hampshire, USA
- Values and Desired Future Conditions, R. Bruce Hull, Virginia Tech, USA
- Identifying Ocean Values: a Case Study in the Application of Anthropological Methods, Jonathan Lilley, University of Delaware, USA

While it is now commonplace among environmental analysts to note that neither environmental science nor environmental impact assessment can be value-neutral practices, there is little understanding of what this emergent consensus means for scientific assessment of social impacts of technological change. This session will examine:

- New developments in the study of environmental values; their role in decision making
- Innovative means to determine the environmental values of citizens
- The importance of value commitments in assessing environmental impacts

Environmental impact assessors can only complete their task if they can gauge the impact of technological and environmental change on the values, objectives and goals of citizens. Assessment of the extent to which objectives are reached, goals are accessible, and values are protected, depends upon our ability to articulate values and to relate them to measurable forces and trends in the environment.

Little attention has been paid to the process of concretizing and operationalizing values so that assessments can be made relative to evolving community values. This forum explores the process that leads from values toward measurable objectives.

One interesting proposal is to merge the process of articulating values into a public process of choosing and refining indicators. A "multi-criteria" assessment tool can be developed by choosing measurable indicators that are believed to track values articulated by stakeholders in management decisions. Restoration of degraded landscapes has emerged recently as an important social activity, an activity in which individuals and community groups come to connect their values with actions—and their actions with values. Assessing the success of restoration efforts, then, may provide an entrée into the complex interaction of social impacts and social values.

This theme forum examines, from the perspectives of social scientists and environmental impact assessors, how social values interact with assessment criteria.

(continued at 10:30; see page 12)

THEME FORUM SCHEDULE
Wednesday, 1 June
8:30–10:00

Theme Forums

BALLROOM B

TF5. Boston Central Artery/Tunnel Project: Panel Discussion

Chair: Jay Wickersham, Noble & Wickersham

Panelists:

- Fred Salvucci, MIT, former Massachusetts Transportation Secretary
- John Devillars, Blue Wave Strategies, former Massachusetts Environment Secretary
- Stephanie Pollack, NGO Environmental Litigant, former president, Conservation Law Foundation
- Rob Tuchman, Hale & Dorr, Chairman of Environmental Oversight Committee

The \$14 billion Central Artery/Tunnel (CA/T) project, which will be completed in 2006, is the most expensive and complex urban infrastructure project ever built in the United States. The project was subject to concurrent federal impact review under the National Environmental Policy Act (NEPA) and state impact review under the Massachusetts Environmental Policy Act (MEPA), resulting in agreement on two far-reaching sets of environmental mitigation measures:

- The state transportation agencies made a commitment to fund and construct over \$1 billion in regional transit improvements, to offset potential air pollution and traffic impacts of the new highway.
- The project is creating several hundred acres of parks in Boston and neighboring communities. The most prominent of the redevelopment sites is 27 acres in the heart of downtown Boston, made available for new uses by demolition of the elevated highway. Debate over the use of this land has focused on how to repair the scars of previous highway construction, and who should control that process.

An Environmental Oversight Committee (EOC) was created to monitor the implementation of these and other mitigation commitments.

The panel brings together key participants in the project's development and implementation to discuss the successes and failures of the environmental impact review process, and the lessons the project has taught us.

BALLROOM A

TF6. The Role of The Legal System In Safeguarding Ethics and Quality in Impact Assessment

Chair: Susan Waters, Justice Canada

- Introduction
- The Constitutional Right to an Environment and the Development of Environmental Assessment Law in South Africa, Jan Glazewski, University of Cape Town, South Africa
- The Challenges of Environmental Assessment in a Federal State, Andrea Lockwood, Justice Canada
- How Evolution of EIA Legislation Affects Practice in International Institutions, Charles di Leva, World Bank, Washington DC

All aspects of the legal system—legislation, treaties, judiciary and lawyers—can play an integral role in safeguarding ethics and quality in impact assessment. Strong and effective systems at the international, national and local level are key in this regard. The discussions on the role of the legal system in safeguarding ethics and quality in impact assessment will cover several areas and subjects:

- International treaties and declarations that speak directly to impact assessment (Convention on Environmental Impact Assessment in a Transboundary Context [Espoo, 1991] and the Rio Declaration on Environment and Development)
- Others that recognize aspects of impact assessment (e.g., Convention on Biological Diversity) or promote key aspects of quality impact assessment (Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters-Aarhus Convention)

The forum also examines:

- International and national jurisprudence that has been influential in advancing and safeguarding impact assessment
- The effectiveness of constitutional recognition of environmental rights in ensuring high quality impact assessment
- Tools to allow for effective implementation of impact assessment legislation, including legal aid or participant funding, avenues for public access to information and decisions, environmental commissioners or auditors, and statutory authority for civil society to pursue legal suits
- Legal opportunities and constraints for consultants, independent experts and impact assessment review bodies at the international, national and subnational level

BALLROOM D

TF7. Ethics and Quality in Trade Impact Assessment

Chair: Bernice Goldsmith, Faculty of Engineering & Computer Science, Concordia University, QC, Canada

Moderator: Hussein Abaza, Economics and Trade Branch, UNEP, Geneva

- Integrated Trade Assessment: Challenges and Progress, Colin Kirkpatrick, Impact Assessment Research Center, University of Manchester, UK
- Building on Experience and Addressing Challenges, Jaye Shuttleworth, Foreign Affairs, Canada
- Dealing with Ethical and Quality Issues: CEC's Experience, Chantal Line Carpentier, Economy and Trade Program, Commission for Environmental Cooperation, Canada
- The Need for Public Participation, Scott Vaughan, Unit for Sustainable Development & Environment, Organization of American States, USA
- The Quality of the EU Sustainability Impact Assessment (SIA): What Has Been Achieved? What Next?, Rupert Schlegelmilch, Sustainable Development, Directorate General for Trade, EU Commission

At the end of July 2004, WTO members kept the Doha Round of trade negotiations alive by signing a framework agreement. The key element of the agreement was focused on agriculture and cotton commodities, commodities that are of importance to most developing and developed countries.

Too many trade negotiations are finalized in a frenzied atmosphere of last-minute discussion and agreement, giving control of the discussion and outcomes to a few key players. Other parties have insufficient time to absorb and understand the discussion and negotiations that would allow them to participate effectively. They find these negotiations "undemocratic" where ethical considerations and quality are seriously compromised.

This year's conference theme—ethics and quality—is timely and appropriate. The Trade Section's theme forum examines the extent to which trade impact assessment practices and process can address these issues.

WILLIAM DAWES

TF4(2). Assessment, Values and New Approaches to Valuation Methods

(continued from 10:00; see page 11)

Moderator: Alan Porter, Georgia Institute of Technology, USA

- Improving Deliberations by Incorporating Alternative Knowledge Sources: Examples from Water Use Planning, Graham Long, Compass Resource Management, USA and Robin Gregory, Decision Research, Inc., USA
- From Environmental Ethics to a Philosophy of Participatory Resource Management, Bryan Norton
- Ethical Issues in the Nature and Structure of Technocratic Impact Assessment, Hobson Bryan, University of Alabama, USA

THEME FORUM SCHEDULE

Wednesday, 1 June
10:30-12:00

BALLROOM A

TF8. Quality Enhancement Through Peer Review?

Chair: Peter Tarr, SAIEA, Namibia

- Introduction, Peter Tarr
- EA Review at the World Bank, John Boyle, World Bank, Washington DC
- How do Developed Countries Cope? Arend Kolhoff, NCEIA, The Netherlands
- The Dilemma Facing Developing Countries. Do We Have The Capacity To Tell The Good From Bad? Jonathan Allotey, EPA, Ghana
- The Value of Sub-Regional Expert Nodes in Assisting Governments and Regional Economic Communities – Could This Be A Model? Bryony Walmsley, SAIEA, Namibia
- External Review In The UK – A Radioactive Waste Management Proposal Case Study, Brian Clark, Consultant, Scotland-UK
- Closing Remarks, Peter Tarr

This theme forum re-examines one of the most elusive issues in EIA — how do we ensure that both process and product deliver the goods necessary for better decision making?

Most countries have adequate EIA laws, professional registers with strict eligibility criteria, piles of guidelines, sophisticated administrative structures and plenty of well qualified EIA consultants in shiny shoes — why then do so many EIA reports fall short of the target? Simple — the system of review is not robust and mediocrity is generally acceptable. We can do better.

Sure, there are EPAs (in various guises and forms) in most countries, staffed with honest, hard working, well meaning officials. Fact is, there are not enough of them to do the job, or they tend to be “generalists” rather than real specialists. In theory, the person(s) reviewing the EIA report should be just that little bit sharper than the person(s) who wrote it. They seldom are. This is why proponents feel cheated, bemoaning EIA as a “fuzzy” product that costs too much for what they get.

In recent years, various models have been tried to ensure that EIA processes and reports meet acceptable standards. It seems that “independence” in a quality control agency is gaining currency as a key criteria for success, and there has even been talk about a world body for EIA quality control. This forum will look critically at what works and what doesn't. Speakers for this forum were carefully selected based on their first-hand knowledge of policy and practice, and a small panel of devil's advocates will be on standby to challenge the theories.

BALLROOM B

TF9. Corporate Social and Environmental Responsibility

Chair: Monica Hale

- Principled Dialogue: How Multiple Stakeholders Are Influencing Corporate Social and Environmental Responsibility, Transparency and Engagement via the Equator Principles Process, Shawn D. Miller, Environmental and Social Risk Management, Citigroup GCIB, New York
- The Final Frontier of Corporate Responsibility: Measuring Social Performance, Karen Clarke-Whistler, Golder Associates, London
- Making Profits, Protecting our Planet: Corporate Responsibility for Environmental Performance in Asia and the Pacific, David Annandale, Murdoch University, Australia

Corporate Social Responsibility (CSR) is defined by the World Business Council for Sustainable Development as “the continuing commitment by business to behave ethically and contribute to economic development while improving the quality of life of the workforce and their families as well as of the local community and society at large.”

Other definitions extend this base definition with references to “capacity building for sustainable livelihoods,” “respect for cultural differences,” etc.

Differences exist in both perceptions and implementations of CSR. The United States (US) view of CSR could be summarized as a philanthropic objective to “manage business processes to produce a positive societal impact.” This compares to outside the US where CSR tends to be viewed more as a social responsibility by business to be “good corporate citizens.” CSR is a non-statutory issue in the US whereas outside the US CSR is becoming mainstream and CSR reporting is moving towards being a statutory requirement in company reports.

The primary objective is to assess the role of Impact Assessment (IA) in informing CSR measurement, reporting, and promotion. The participants review the definition of CSR and address a number of issues including:

- The concept of the ethical company
- Innovations to promote corporate responsibility
- Product stewardship and supply chain issues
- Ethical stock funds and Socially Responsible investing
- Applying the UNEP FI sustainability criteria
- The economic and competitive advantages of CSR
- Genuine ethics and quality vs. corporate “green-washing”

In addition the group will address strengthening IA input to:

- Corporate Social Responsibility planning
- The Social Responsibility index
- The UNEP Financial Sustainability Initiative
- The International Finance Corporation (World Bank Group) Equator Principles
- Quality and corporate governance standards and measurement

BALLROOM D

TF10.1. The Ohio River Mainstem Systems Study (ORMSS)—A Case Study Illustrating Innovative Approaches

Sponsored in part by Environmental Impact Training, U.S. Army Corps of Engineers, and Woolpert, Inc.

Chair: Larry Canter, Environmental Impact Training, Texas, USA

- Overview and Status of ORMSS, Veronica Rife, US Army Corps of Engineers, Kentucky, USA
- Navigation Planning, the Use of Scenarios for Future Traffic, and the Ohio River Navigation Investment Model (ORNIM), Buddy Langdon, US Army Corps of Engineers, West Virginia, USA
- Cumulative Effects Assessment as the Integral Component of the Programmatic EIS, Larry Canter

Innovative approaches are being used in the practice of EIA across a spectrum of developed and developing nations. Such approaches include the incorporation of cumulative effects assessment, sustainability analysis, and adaptive management in the EIA processes for larger-scale studies. Accordingly, this forum is planned to provide information to all conference participants. This case study illustrates innovative approaches for improving quality and integrating cumulative effects assessment, environmental sustainability analysis, and mitigation, monitoring, and adaptive management with time-sequenced waterway navigation investment actions.

The forum includes presentations and a panel discussion of potential applications of the methods and approaches used in this case study to other large-scale development projects throughout the world. The presentations include an overview of the ORMSS, a discussion of the use of scenarios for navigation traffic planning, a description of the cumulative effects assessment as the central component of a programmatic EIS, analyses of environmental sustainability as a foundation for collaborative mitigation planning, identification and evaluation of navigation investment alternatives in conjunction with environmental sustainability alternatives, and incorporation of a long-term monitoring and adaptive management program. This case study also illustrates the application of the seven environmental operating principles recently adopted by the U.S. Army Corps of Engineers. Informational CDs containing the forum papers and related reference materials for innovative approaches are available for forum participants.

(continued at 10:30; see page 14)

THEME FORUM SCHEDULE

Thursday, 2 June
8:30-10:00

Theme Forums

BALLROOM B

TF11. The Role of Impact Assessment in Brokering Revenue Transparency

Chair: Jill Shankleman

- Chad/Cameroon Project, André Madec, Exxon Mobil Corporation
- The Extractive Industries Transparency Initiative, Michael Levitsky, Senior Economist, Oil, Gas and Mining Policy Division, The World Bank
- Working Towards “Joined Up” Policy—Impact Assessment and Revenue Management, Jill Shankleman, Consultant and former Senior Fellow, United States Institute of Peace

Revenues from mining, oil and gas production are by far the biggest source of government income in a number of developing countries. If well managed, these revenues can make a huge contribution to economic and social development, funding much needed services, such as education, healthcare and infrastructure. If poorly managed, they can exacerbate poverty, corruption and poor governance. There are two main sources of government oil and gas revenues: payments by private energy companies (e.g., license fees, taxes and royalties) and profits from state-owned energy companies. Publishing how much governments receive each year from all these sources—making revenues transparent—is a useful way to help them manage these funds better. Simply put, you cannot know how well the pot of public funds is being spent if you do not know for a start how big that pot is. Current initiatives such as Global Witness, Publish What You Pay Campaign, Extractive Industries Transparency Initiative and the efforts of multi-lateral organizations (especially the World Bank and IMF) have given the issue impetus.

Private sector development projects are undertaken all over the world, in many different environments and socio-political cultures. Only some of these are in countries where transparent processes are the norm. This situation can lead to both opportunities and challenges. In the absence of widespread stakeholder debate on the subject with sovereign governments, it is often the project impact assessment process that triggers discussion about revenue distribution and transparency. Impact assessment tools such as Strategic Impact Assessment can serve to elevate the debate to a national level, bringing in governments, multinationals, financiers and NGOs, with resultant benefits for projects, and society at many levels. Increasingly some resource rich host governments are listening to this debate on revenue transparency and in some cases taking action.

BALLROOM A

TF12. IA Professional Accreditation: Implications for Ethics, Quality and IAIA

Chair: John Boyle, World Bank, Washington, DC

- Introduction, John Boyle
- Outlines of a Possible Accreditation Program, Richard Morgan, University of Otago, New Zealand
- The Influences of an Actual Program on Professional Ethics and Quality Of Work: Insights from the ABCEP in the USA, Charles Eccleston, Kennedy Western University, USA

The Great Debate: Resolved — IAIA should host an international accreditation program for IA professionals

Introduction, rules of engagement, initial participant vote, John Boyle

Opening arguments

- Absolutely! Peter Tarr, Southern African Institute for Environmental Assessment, Namibia
- No Way! Lee Wilson, Lee Wilson & Associates, USA

Rebuttal

- Absolutely! Peter Tarr
- No Way! Lee Wilson

Comments from Participants

Debaters' Valiant Last Stand

- Absolutely! Peter Tarr
- No Way! Lee Wilson

Final Vote, Closing Remarks, John Boyle

Many IA practitioners feel that our profession will not be taken seriously until we have a professional accreditation program to set and enforce standards. Discussions of the merits and practicalities of such a program have raged for years, with little resolution or concrete result. This theme forum explores the matter further. Two short papers set the stage with the outlines of a possible accreditation program, and the experience of an actual program in influencing professional ethics and quality of work.

The heart of the forum is a spirited formal debate of the question: “Should IAIA host an international accreditation program for IA professionals?” Eminent IA professionals argue the “Absolutely!” and “No Way!” positions, and then the chair will take short, insightful comments from forum participants. Finally, the debaters valiantly refute the arguments against their position. Before and after the debate and comments, the chair will call for an informal show-of-hands vote by participants on the issue. The forum holds promise for great intellectual, professional and entertainment value.

BALLROOM D

TF10(2). The Ohio River Mainstem Systems Study (ORMSS) — A Case Study Illustrating Innovative Approaches

(continued from 10:00; see page 13)

Chair: Larry Canter, Environmental Impact Training, Texas, USA

- Analysis of Environmental Sustainability as a Foundation for Collaborative Mitigation Planning, Tom Swor, US Army Corps of Engineers, Tennessee, USA
- Analyses of Cumulative Effects on and Sustainability of Freshwater Mussels, Lorna Harrell, Woolpert, Inc., Ohio USA
- Monitoring and Adaptive Management — a Prospective Tool for Environmental Management, Larry Canter
- Potential Applications of the Methods and Approaches Used in This Case Study, Tom Swor

THEME FORUM SCHEDULE

Thursday, 2 June
10:30–12:00

TUESDAY MAY 31

1:30 – 3:00

BALLROOM A

CS1. Biodiversity: Treated Properly in Impact Assessment? Convention on Biological Diversity Guidelines

Chair: Roel Slootweg

CBD Guidelines on Biodiversity in EIA & SEA. Roel Slootweg, Arend Kolhoff, Rob Verheem, Robert Hoft.

CRISPUS ATTUCKS

CS2. Trade: Basic Awareness Building Session on International Trade

Facilitators: Rachel McCormick, Foreign Affairs Canada and Chantal Line Carpentier, CEC

Handouts: A compilation of references on EA of Trade Methodologies and Studies, Basics of Trade Agreements, An Introduction to Impact Assessment of Trade-related Policies

MOLLY PITCHER

CS3. EMS: Case Studies

Chairs: Debra Zanewich and Maureen Hill

Environmental Impact Assessment as a Tool in Health, Safety and Environmental Management Planning: The West Africa Gas Pipeline Project. Will Gibson, John Cornwell, Kathleen Thrun, Walter Palmer.

Estimate of Removal Capacity of Nutrients from the Buffer Strip in Daecheong Reservoir. Tae Geun Kim, Sang-Pyo Hong, Jong Ho Lee, Sangbo Shim.

Dredged Material Management: An Aspect Often Ignored in Most Impact Assessment Studies in Nigeria. Elijah Ohimain.

Making the ESMPs Operative in the Field: Proposed Best Practice for Transmission Lines in Latin America. Pablo Cardinale, Robert Montgomery, Ricardo Katz, Leonel Sierralta.

BALLROOM B

CS4. Public Participation

Chair: Pierre Andre

"No Surprises"-A Practical Approach to Successful EIAs. Robert Federico.

Does Behaviour of Public During Public Participation Reflect Public Responsibility? Ali Albayrak, Medet Cinar, M. Mustafa Satilmis.

Public Participation as a Catalyst of Change in Environmental Governance. KC Lam.

Effectiveness and Efficiency: Principal Indicators of Quality Impact Assessment of Development Intervention. Lila Karki, Siegfried Bauer.

PAUL REVERE A

CS5. Quality Assurance, Data Quality and Scale Issues

Chair: Elsa Joao

Data Quality Assurance Mechanisms for EIA and SEA. Elsa Joao.

Data Presentation and Quality Assurance as Tools of Transparent and Objective Decision-Making. Kathy Thrun, Dean Gouveia.

Quality in Control? An Evaluation of the Quality, Costs and Time of Dutch EIA Studies for Road Projects. Christa Kempenaar, Jos Arts, Emilija Savanovic, Astrid Paulussen, Charlotte Wansink.

PAUL REVERE B

CS6. Agriculture, Forestry and Fisheries: Workshop

Chair: Willam Klassen

Actioning EIA for Agriculture, Forestry and Fisheries. Patrick Duffy, Laura Russo.

HAYM SOLOMAN

CS7. SEA: Adapting SEA to Different Contexts and Systems I

Chair: Thomas Fischer

Ethics in Political Decision-making: Can an SEA Support a Politically Correct Choice? Marc Van Dyck.

Applying SEA Effectively in Different Planning Contexts. Paola Gazzola.

Dynamics of a Decision Support System in Strategic Environmental Assessment Implementation. Ainhoa Gonzalez, Alan Gilmer, Ronan Foley, John Sweeney, John Fry.

SEA and Ramsar Convention in a Developing Nation Context: A Case Study in Colombia. Berit Balfors, Juan Azcárate, Kim Andersson.

WILLIAM DAWES A

CS8. Impact Assessment of Oil and Gas Pipelines

Chair: Robert Goodland

Introduction and Welcome. Robert Goodland.

The Sasol Natural Gas Project. Bianca Steinhardt.

Mozambique SASOL and Tanzania Songo Pipelines. Robert Robelus.

How USAID Decides on Major MDB Pipeline Projects. Leslie Johnston, Keith Kozloff.

Peru: Camisea Gas Pipeline. Aaron Goldzimer

BALLROOM D

CS9. HIA: Kaleidoscope

Chair: Lea den Broeder

Health Impact of Income-Generating Schemes on Grass-Roots Workers: A Local Public Policy and Planning Initiative in Remote Thailand. Uraivan Inmuong, Yanyong Inmuong, Panee Ritmak, Dusadee Aryuwat.

Shell's HIA Improvement Project. Martin Birley.

Health Impact Assessment Methodology for Community Decision Making. Roy Kwiatkowski, Pierre Gosselin.

Health Impact Assessment of Waste in Campania, Southern Italy. Marco Martuzzi, Fabrizio Bianchi, Pietro Comba, Renato Pizzuti, Francesco Mitis.

Incorporating Health Indicators into Environmental Impact Assessment. Carolyn Dunn.

WILLIAM DAWES B

CS10. HIA: Policy and Planning

Chair: Bram Noble

Health Impact Assessments of the European Employment Strategy at Member State and Pan-European Levels. Alex Scott-Samuel, Debbie Abrahams, Andrew Pennington, Lea den Broeder, Cathal Doyle, Owen Metcalfe, Fiona Haigh, Odile Mekel, Rainer Fehr.

Introducing Policy-level HIA to New Zealand. Robert Quigley, Barbara Langford, Louise Signal, Louise Thornley.

The Process of Health Impact Assessment Capacity Building and Policy Reform in Lao PDR. Peter Furu, Robert Bos, Bounlay Phommassack, Yanyong Inmuong.

HIA Implication for Future Water Policy Reform in Thailand. Yanyong Inmuong, Sarunya Wanjararat.

Embedding Assessment: An Applied Approach to Health Impact Assessment. Ben Harris-Roxas, Sarah Simpson, Elizabeth Harris.

THOMAS PAINE A

CS11. Innovation and Updates of Environmental and Social Policies-Recent Experiences from International Development Assistance Agencies

Session sponsored by Inter-American Development Bank

Special Panel jointly chaired by Charlotte S. Bingham, World Bank, and Gene M. Owens, EcoShare Group and International Consultant

Panelists

- Joseph Christofer Milewski, Environment Protection Specialist, Inter-American Development Bank
- Motoko Aizawa, Corporate Policy Advisor, International Finance Corporation
- Margaret L. Kuhlow Director of Environmental Assessment, Millennium Challenge Corporation

Concurrent Sessions

THOMAS PAINE B

CS12. Meet the Editors: A Panel Session with the Editors of Key Impact Assessment Journals. Chairs: Rabel Burdge and Alan Bond

Panelists

Christopher Wood and Carys Jones, Co-editors Impact Assessment and Project Appraisal

Eric Johnson, Editor, Environmental Impact Assessment Review

To be named: Associate Editor, Journal of Environmental Assessment, Policy and Management

Lex Brown, Editor, Asia Journal of Environmental Planning and Management

Alan Bond, Associate Editor, Environmental Impact Assessment Review

William Page, Beech Tree Publishing, Publisher of Impact Assessment and Project Appraisal

CAMBRIDGE B

CS13. Introduction to IAIA

Chair: Rita Hamm

This session is for all new or prospective Board members, for anyone interested in participating in IAIA as a Committee or Section member, and for any member who wants to know more about the organization, its history, and how it works.

CAMBRIDGE A

CS14. The Role of Communication in Impact Assessment: The Case of Hydropower Development and the Cost of Communication

Chairs: Leonardo Mazzi, Peter Leonard

The session will share experiences of success and failure in addressing communication and impact assessment. Particular attention will be paid to the cost of not communicating in hydroelectric development projects.

A World Bank Case Study: The Bumbuna Hydroelectric Project in Sierra Leone, Starting Early, Doing It Right. Leonardo Mazzi, Donald O'Leary

The Eastmain 1 and Eastmain 1A Rupert Diversion Projects Looked at Through a New Relationship and Thirty Year of the James Bay Hydropower Development:

The Hydro Québec SEBJ Perspective. Philippe Mora, Réal Courcelles

The Cree of Eeyou Istche Perspective. John Paul Murdock.

Processes, Methods and Tools for Strategic Communication in Hydropower Development. Leonardo Mazzi, Peter Leonard.

Discussion.

TUESDAY, MAY 31
3:30 - 5:00

BALLROOM A

CS15. EIA and Its Contribution to Sustainable Development

Chair: Eric Brusberg

Environmental Impact Assessment: Retrospect and Prospect. Christopher Wood.

The Contribution of EIA to Sustainable Development: Towards a Richer Conceptual Understanding. Matthew Cashmore, Cordula Neislony.

Sustainability Planning And Impact Assessment: An Update. Michael R. Edelstein.

Using Sustainability Indices in Cumulative Effects Assessment. Robert Senner.

CRISPUS ATTUCKS

CS16. Trade: Joint Workshop Assessing the Biodiversity Impact of Trade: Principles and Practice

Facilitators: Clive George, Bernice Goldsmith and Roel Sloodweg

Preliminary discussion paper Version #2: Assessing the Biodiversity Impact of Trade: Principles and Practice

MOLLY PITCHER

CS17. EMS: Practical Approaches

Chairs: Maureen Hill and Debra Zanewich

A Compliance Assurance Approach to Environmental Management System Implementation for Offshore Exploration Projects. Kathryn Burch, Michael Saretsky, Todd Hall.

Screen Before You Dig: Using EMS to Integrate Information into the EIA Process. Lisa Sutherland, Kevan Van Velzen.

Cornerstone Elements of an EMS at the Project Planning Stage: An IFI Perspective. Deborah Berger.

Identification of Environmental Aspects in Maintenance and Operation of the Swedish National Rail Administration. Kristina Lundberg.

Assessment, Adaptive Management and EMS Integration with Land Management Planning: New Approaches in the USDA Forest Service. Sharon Friedman.

BALLROOM B

CS18. Public Participation 2

Chair: Alan Harwood

Good Governance and Capacity Building for Public Participation in EIA in Southern Africa-The Calabash Project. Peter Croal.

Public Participation in Project Supervision and Monitoring: The Case of the Camisea Project. Elizabeth Brito.

Innovative Public Engagement-Utilizing Interactive Community Participation Techniques for Impact Assessment Projects in the United States. Alan Harwood.

EIA: Towards a New Era through Continuous Public Involvement. Simon Y.M. Hui, Stanley Lau, Anthony Y.K. Ho

PAUL REVERE A

CS19. Quality Assurance in Monitoring and Follow-up

Chair: Paul Dulin

Welcome and Introduction. Paul Dulin.

Impact Assessment Follow-up: Findings and Lessons Learned from a Field Study of 20 Projects in Latin America and the Caribbean. Maria Claudia Perazza, Paul Dulin.

Mitigating Unavoidable Impacts Identified in Environmental Impact Statements: Measuring the Success of EPA's Environmental Review Program. Robert Hargrove, Aimee Hessert.

A Project Lifecycle Approach to Risk and Impact Management. Ben Witchalls, Rob Finney.

PAUL REVERE B

CS20. Agriculture, Forestry and Fisheries 2

Chair: Patrick Duffy

Environmental Impacts of Tea Growing and Processing-The Case Study of Kenya. Michael Koech, Mary Kinoti.

Integrated Management and Sustainable Development of Rocca MonteVarmine (Ascoli Piceno Province, Italy). Virginio Bettini, Marco Stevanin, Giuseppe Maria Gianoni, Marco Abordi, Fabrizio Torresi.

Carbon Sequestration in Spring Wheat Producing Regions of the Northern Great Plains. F. Larry Leistritz, Dean Bangsund.

The Conifer Challenge-Making IAIA'04 a Carbon Neutral Event. Liviu Vancea.

HAYM SOLOMAN

CS21. SEA: Adapting SEA to Different Contexts and Systems 2

Chair: Marc van Dyck

Early Experiences of Implementing the SEA Directive in Europe-Examples from the UK and Slovenia. Jure Leben, Chris Fry.

Stumbling Blocks on the Use of SEA to Improve the Strategic Action. Elsa Joao.

Introducing Strategic Environmental Assessment in Turkey. Bobbi Schijf.

Implementation of SEA in Relation to Different Modes of Planning. Snapshots from Three Nordic Countries: Sweden, Denmark and Iceland. Holmfridur Bjarnadottir, Lars Emmelin.

New Style of SEA by a Meeting Based Way-Application to Waste Management in Nagano Prefecture, Japan. Sachihiko Harashina.

WILLIAM DAWES A

CS22. Impact Assessment of Oil and Gas Pipelines

Chair: Robert Robelus

The West African Gas Pipeline: A Critical Assessment. C. P. Wolf.

Chad-Cameroon Oil Pipeline. Orellana Rosa.

Bolivia-Brazil Gas Pipeline. George Ledec, Juan David Quintero.

Pipeline Risk Assessment and Risk Acceptance Criteria in the State of Sao Paulo, Brazil. Denis Kirchhoff, Brent Doberstein.

BALLROOM D

CS23. HIA: HIA Evaluated

Chair: Lennert Veerman

Using Health Impact Assessment for Improved Policy Development: An Insight into the Assessment, Negotiation and Recommendation-Making Steps. Leonie Neville, Sarah Simpson, Liz Harris, Ben Harris-Roxas.

Case Study on Site-Specific Health Risk Assessment in Developing Nations. Marcus Garcia, Ishrat Chaudhuri, Ernani Echiverri, Lucy Fraiser.

Challenges in Data Collection for Health Impact Assessment: The Shell Nigeria Experience. Godswill Bornu, Oritsetimeyin Dada.

Assessing Human Health in Canadian Northern EA: A State-of-Practice Survey. Bram Noble.

Addressing Health in Planning: What Role for HIA? Alan Bond, Ben Cave, Peter Molyneux.

WILLIAM DAWES B

CS24. HIA: Principles and Practice of HIA Roundtable

Chair: Lea den Broeder

In this session, a position paper about principles and practice of HIA will be discussed. The paper provides answers to questions such as: What is HIA? How should the quality of HIA be guaranteed? What values and (ethical) standards are basic to HIA? The abstract is posted online at www.iaia.org > Conferences > IAIA'05 Main Page.

THOMAS PAINE A

CS25. Cross-national Transfer of Policy Analysis and Impact Assessment (Philosophy, Methods and Practice)

Chair: Martin de Jong

Introduction to the Session. Martin de Jong.

The Use of the Multicriterion Assistance in Strategic Environmental Evaluation of the Energy Sector: Comparison of Energy Options in the Case Study of Maritime Guinea. Jean-Philippe Waaub, Kourouma, Dan Lansana.

Application of SEA to Regional Power Sector Integration in the Lower Mekong Subregion (Thailand, Laos, Cambodia, Vietnam). Måns Nilsson.

Comparative Analysis of Environmental Assessment System (EAS) in Latin American and Caribbean Countries. Case study: Costa Rica, Haiti, Argentina and Cuba, Silvia Shardonofsky, Christiane Gagnon, Carlo Previl.

Possibilities for Implementation of Participatory Approaches in the Management of Small Reservoir Systems in the Upper East Regional of Ghana. Martine Poolman.

CAMBRIDGE A

CS26. Indigenous Peoples

Chair: Bob Tai

Environmental Assessment and Management of the Voisey's Bay Mine/Mill. Steve Bonnell, Marina Biasutti, Keith Chaulk, Jack Botsford.

Impact and Benefits Agreements and Environmental Impact Assessment. Jamie Reschny.

Developing Traditional Knowledge Guidelines: The Mackenzie Valley Environmental Impact Review Board Experience. Renita Schuh.

Human Impacts of the James Bay Hydroelectric Project (Eastern Sector). Pierre Senécal.

CAMBRIDGE B

CS27. Practical Issues in Environmental Impact Assessment

Chair: Larry Canter

Make It Easy on Your Readers: Ideas on Environmental Impact Document Style. John Page.

"Lemons" Can't Be Made into "Diamonds": A Screening Framework for Mining Projects. Theo Hacking, John Middleton.

A Multiple Stakeholder Perspective of the Importance of a Social and Economic Impact Assessment of Harmful Algae Blooms. Robert Robertson, Kristin Ward.

Assessment Criteria for Determining Environmental Impact Significance Ratings. John Friend.

Review of EIA and SEA reports' Quality by the Multi-Criteria Analysis Method. Stephanie Dengis-Vandermeulen.

THOMAS PAINE B

CS28. SIA: Key Issues Facing SIA Practice Roundtable 1

Chair: James Baines Taylor-Baines Associates, Christchurch, New Zealand

Issues to be discussed:

1. If regulatory authorities never follow up, should the SIA assessor walk away from the opportunity?
2. Should we violate the IAIA code of ethics if we are a first time professional?
3. Should the negative effects of a proposed project be made public over the objections of the developer-who is paying the consultant/ assessor?
4. Should interviews with individual respondents be made public as part of a public hearing or tribunal?

(continued in session 42 on Wednesday at 4:30; see page 19)

Concurrent Sessions

WEDNESDAY 1 JUNE
2:30 – 4:00

EMPRESS

CS29. Biodiversity: Treated Properly in Impact Assessment? Quality and Approaches

Chair: Helen Byron

Impact Assessment as a Tool to "Mainstream" Biodiversity. Jo Treweek.

Designing a New Framework for Integrating Biodiversity into Senegal's Environmental Impact Procedure. Arona Soumare.

Quality of Biodiversity Related Information in EIA Documentation for Environmental Decision Making and Conservation Planning: The Indian Experience. Asha Rajvanshi.

Quality of Biodiversity Treatment in Finnish EIAs. Tarja Söderman.

CRISPUS ATTUCKS

CS30. Trade: Integration-Trade Impact Assessment

Chair: Hussein Abaza

Integrating Trade Impact Assessment into Decision Making. Neal Burnham.

Integrated Assessment of Agricultural Environmental Policy in Chile. Edmundo Claro, Victoria Alonso.

An SEA Approach for GATT/WTO Rules in Developing Countries. Vincent Onyango.

Perspectives and Challenges on Trade and the Environment: Experiences from Africa. Eugene H. Shannon.

MOLLY PITCHER

CS31. Public Participation 3

Chair: Elizabeth Brito

How Can Impact Assessment Better Support Transparency in Decision-making and Good Governance? The Mexican Experience. Ricardo Juarez, Harry Heisler, Martin Quijano.

Environmental Impact Assessment Practice and Public Participation in Mexico. María Antonieta Gómez Balandra, Pilar Saldaña Fabela, Carlos Lecanda Terán.

Socio-Cultural Dimension of Public Participation. Masud Hasan.

Social and Environmental Impacts of the Hua Na Dam Project: The Need for a Participatory Approach. Kerry Shannon, Yanyong Inmuong, Sodsai Srangsok.

RIVERSIDE

CS32. Public Participation 4

Chair: Pierre Andre

Multi-stakeholder Participation in Environmental Impact Assessment and Its Influence on Decision-making: The Case of Lilayi Urban Housing Development Project, Lusaka Zambia. Yatich Thomas T.B., Danny Holmes, Martin Lorenz.

Measuring Public Concern. Martin Haeefe.

Ethical Considerations for Internet-Based Public Participation in the NEPA Process. Robert Sullivan, Pamela Richmond, Karen Smith.

PAUL REVERE A

CS33. EIA Follow-up in Current Practice

Chair: Bram Noble

The Integration of EIA with Project Cycle: The Case of Lilayi Urban Housing Project. Yatich Thomas T.B., Danny Holmes, Martin Lorenz.

Follow-up of Social Impacts in Senegal Basin River after Manantali and Diama Dams Building. Ndiaye El Hadji Malick, Jean Philippe Waaub.

EIA Follow-up? An Evaluation of the Open Cast Coal Mining Sector in India. Urmila Jha Thakur, Thomas Fischer, Asha Rajvanshi.

PAUL REVERE B

CS34. Agriculture, Forestry and Fisheries 3

Chair: Mark Curtis

Road and Dyke Construction and Rehabilitation in the Jonglei Area of South Sudan: The Need for Environmental Impact Assessment. Protas Echessa, Luke Ojok.

Environmental Index to Evaluate Saemangeum Reclamation Project. Sang Hoon Lee, Yong Chung, Jakon Koo, Jaehong Ryu.

Alqueva Dam and Irrigation Project: Hard Lessons Learned from Good and Bad Assessment Practice. João Joanaz de Melo, Carla Janeiro.

National Environmental Policy Act (NEPA) Review of 117 Salmonid Hatchery and Genetic Management Plans in the Puget Sound of Washington, USA. Pamela Gunther.

HAYM SOLOMAN

CS35. SEA: Integration of Different Assessment Subjects and SEA

Chair: Elsa Joao

Nutritious, Wholesome Food-Or a Toothless Future: Is the All-in-One Sustainability Assessment Diet Becoming Deficient in Vitamin E(nvironment)? Angus Morrison-Saunders, Thomas Fischer, Jos Arts.

Sustainability Assessment of Scenarios for Agriculture Development and Biodiversity Conservation in Mountain Areas. Maria do Rosário Partidário, Bill Sheate, Olivia Bina, Helen Byron.

Strategic Environmental Assessment (SEA) as a Tool for Integration within Coastal Planning. Adam Barker.

Study on Improvement of Prior Environmental Review System (PERS) for SEA Implementation in Korea. Young-Il Song, Seong-Cheol Seo, Young-Joon Lee, Hyun-Woo Lee, Hyun-Joo BaeAE.

WILLIAM DAWES A

CS36. Ethical Considerations in IA

Chair: Marsha Goldberg

Infusing the Ethos of Sustainable Development into a Research Organisation. Alex Weaver.

The Relationship between Technology Adoption and Ethical Belief for Decision Making in Northern Malaysia: A Case Study. Susita Asree, Arthur Smith.

Using the Environmental Impact Assessment (EIA) Process to Help Persons With Disabilities and Meet the Millennium Development Goals (MDGs). Charles Alton, Jean-Roger Mercier.

Social Responsibility of Multinational Oil and Gas Companies in Ameliorating the Impacts of Their Operations in Nigeria: Towards the Resolution of the Lingering Crisis in the Delta Region. Edward Bristol-Alagbariya.

An Ethic of Consequences. C. P. Wolf.

BALLROOM D

CS37. HIA: Kaleidoscope 2

Chair: Martin Birley

Using Health Impact Assessment for Selecting the Location for a New Incinerator Near Florence, Italy. Fabrizio Bianchi, Stefania Arniani, Simone Bartolacci, Alessandro Barchielli, Andrea Corti, Lidia Lombardi, Fabrizio Minichilli, Michela Rial, Eva Buiatti.

Better Power for Health: The Strategic HIA Study on Thailand's Power Development Plan. Decharut Sukkumnoed, Suphakij Nuntaworakarn.

The SEA Directive and Consideration of Health in Land Use Plans: Is There Much to Do? Alan Bond, Jennifer Burns.

Integrating Health Effects into EIA/SEA. Lea den Broeder, Mark van Bruggen, Anne Knol, Baukje Rademaker, Jantine Schuit, Brigit Staatsen, Frans Van Zoest.

The Canadian Approach to Health Impact Assessment. Diane McClymont Peace.

WILLIAM DAWES B

CS38. Decision Criteria, Values and Impact Assessment Part 1

Chair: Bryan Norton

Follow-up discussion to Assessment, Values and New Approaches to Valuation Methods Theme Forum

THOMAS PAINE A

CS39. Cross-national Transfer of Policy Analysis and Impact Assessment (Philosophy, Methods and Practice)

Chair: Jean-Philippe Waaub

Transfer of TPM-Higher Education Concept from Delft (NL) to Harbin (CN). Martin de Jong, Jaining Mi.

Visualising the Invisible: Cultural Disparity and Dynamic Frictions in Relation to the Visual Problem Appraisal "Kerala's Coast." Loes Witteveen, Bert Enserink.

Policy Transfer as Value Transfer. Otto Kroesen, Martin De Jong.

Value Transfer in the Introduction of Community Management for Fringe People in Bangladesh. Otto Kroesen, Korshed Alam, Roy Janssen, Ernst Van der Stok.

CAMBRIDGE A

CS40. Urban: EA in an Urban Context-Methods and Approaches

Chair: Viv Heslop

Local Action Plan for the Usage of Renewal Resources in the Urban Areas of Portogruaro Municipality (Venice Province, Italy). Marco Stevanin, Virginio Bettini, Federica Marangoni, Carlo Zuccaro, Ermes Drigo.

Rediscovering the Lost Rivers of London-EIA and River Flood Risk Management. Ross Marshall, Richard Copas.

Clarity and Openness in EIA-Experience from Three Urban Environmental Projects. Peter Ullman.

The Boston Connection. C. P. Wolf.

CAMBRIDGE B

CS41. EIA Case Studies around the World

Chair: Jonathan Allotey

Reconciling Perspectives on the Question of Alternatives in EA: A Theory of the Political Economy of EA, Applied to the Darling Wind Farm in South Africa. Richard Hill, Janet Bodenstein, Richard Fuggle.

Ethics and Quality in Impact Assessment: An Overview Of The Nigerian Situation and Experience. Felix Dayo, Adeolu Ojo.

Impact Assessment and Sustainable Development of a New Hydroelectric Facility in Mexico. Francisco Hernandez-Alvarez, Guillermo Zuniga-Gutierrez.

Kaputei Housing Project in Kajiado District, Kenya Case Study. Maureen Babu.

Assessing The Economic Development Potential Of Nature Tourism. F. Larry Leistritz, Nancy M. Hodur, Kara L. Wolfe.

THOMAS PAINE B

CS42. SIA: Key Issues Facing SIA Practice Roundtable 2

(continued from session 28 on Tuesday 3:30; see page 17)

Chair: James Baines, Taylor-Baines Associates, Christchurch, New Zealand

5. Should the assessor inflate participation rates as demanded by the proponent?
6. Is the proponent obligated to provide the assessor with confidential data necessary for a valid social assessment?
7. Does the SIA assessor work for the community of the project proponent?
8. Does IAIA have a committee which might intervene on behalf of the assessor?
9. Are the Principles and Guidelines for SIA (both international and the U.S.) appropriate to guide the day-to-day work of the assessor?

WEDNESDAY, 1 JUNE 4:30 - 6:00

EMPRESS

CS43. Biodiversity: Treated Properly in Impact Assessment? Tools and Methods

Chair: Vinod Mathur

Bringing Biodiversity Information to the Table: The Example of an Independent Panel. Andrea Athanas, Deric Quaile.

The Millennium Ecosystem Assessment-Assessing Ecosystem Services in Gauteng Province, South Africa. Claudia Holgate.

Use of IUCN Red Listing Process as a Basis for Assessing Biodiversity. Peter-John Meynell.

Integrating Ecological and Morphological Knowledge by Means of Group Model Building. Jill Slinger, Miriam De Boer.

Landscape Ecology as Tool for Decision Support Systems and an Essential EIA Part. The Ravarino (Italy) Case Study. Leonardo Marotta, Marangoni Lara, Spuches Alida, Virginio Bettini.

CRISPUS ATTUCKS

CS44. Disasters and Conflict: Special Session on the 26 December 2004 Tsunami

Chair: Charles Kelly

Impact Mitigation of Tsunami Effects. William Cross.

Environmental Impact Assessments Following the 2004 Indian Ocean Tsunami: Challenges and Lessons. Charles Kelly.

RIVERSIDE

CS45. Public Participation 5: Towards Better Public Participation Practice

Chair: Peter Croal

Designing Public Participation Programs. James L. Creighton.

International Public Participation Principles for Better and More Ethical Practice. Pierre André.

Concurrent Sessions

PAUL REVERE A

CS46. New Directions in Follow-up

Chair: Jos Arts

U.S. Army Corps of Engineers Environmental Operating Principles-The Challenge of Implementation. Richard Fristik.

The Canadian Federal Government's Quality Assurance Program for Environmental Assessments: a Status Report. Ray Lamoureux.

Quality Assurance Programs in EIA. William A. Ross.

SEA Follow Up: Linking SEA to EIA. Ross Marshall, Jos Arts.

PAUL REVERE B

CS47. Quality Assurance: Lessons from Africa

Chair: Elsa Joao

Quality Assurance and Quality Control in Impact Assessment: The Different Perspectives. Adeolu Ojo.

Baseline Data Collection for Impact Assessment-What is enough? Napoleon Umesí, Oritsetimeyin Dada.

The Role of Eastern Africa Environmental Impact Assessment Database in Enhancing Quality Assurance of EIA Practice. Jokha Suleiman.

HAYM SOLOMAN

CS48. SEA: Case Studies

Chair: Olivia Bina

Stakeholder-based Decision Support Framework for Strategic Environmental Assessment: A Case Study of Greenhouse Gas Mitigation in Canadian Agriculture. Bram Noble.

Strategic Environmental Assessment of the High-Speed Rail Network in Portugal. Miguel Coutinho, Carlos Borrego, Raquel Pinho, Fernando Leão, Sérgio Bento.

Strategic Environmental Assessment (SEA) of the Industrial Area of Ottana (Sardinia - Italy) Using the Concepts of Carrying Capacity, Sustainability, Cumulative Effects Assessment. Virginio Bettini, Chiara Rosnati, Emanuela Cabula, Stefania De Riso, Antonio Mastio, Sergio Vacca, Manuela Forense, Annalisa Loi.

Application of SEA in the Process of New Capital Relocation in Korea. Jong-Gwan Jung, Sang-Jin Yi, Sang-Wook Han.

The Successful Policy-Level or Strategic Impact Assessment: Transparency Through Triumph over Agency Predetermination. Charles Alton, P. Benjamin Underwood.

WILLIAM DAWES A

CS49. Impact Assessment of Oil and Gas Pipelines

Chair: Charlie Wolf

Russia's Sakhalin II: Subsea Impact Assessment. Steve Ellsworth, Mark Gardella, Jon Schmidt, Robert Jaques, Phillip T. P. Tsui.

Taking Commitments into Construction. Jan Swan, Phil Middleton.

Resettlement Planning and Implementation Programme: Sasol Natural Gas Project, Mozambique. Geraldine Squires, Sarel Booyens, Samuel Dambiaue.

Improving ESIA Quality Through Early Engagement of Stakeholders. Jon Schmidt.

BALLROOM D

CS50. HIA: HIA and Ethics

Chair: Mark McCarthy

Analyzing Public Policy Processes: The Roadmap for HIA Struggling in Thai Policy Arenas. Suphakij Nuntaworakarn, Decharut Sukkumnoed.

Strengthening the Equity Focus in Health Impact Assessment: An Australasian Approach. Sarah Simpson, Ben Harris-Roxas, Liz Harris, Mary Mahoney, Rosemary Aldrich, Jenny Stewart Williams

In Search of an Ethical Model to Enhance Aboriginal Health in Canada. Robert Rattle, Diane McClymont Peace, Roy Kwiatkowski, Jeff Davis.

Developing A Code of Ethics for Health Impact Assessment: A Working Proposal. Nusaraporn Kessomboon, Pattapong Kessomboon.

Environmental Impact Assessment as a Tool for Promoting Public Health in Resource Poor Communities: The Niger Delta Experience. Stephen Abah, John Amah.

WILLIAM DAWES B

CS51. Environmental Assessment Law, Policies and Practice

Chair: Susan Waters

Recent Trends in NEPA Cumulative Impact Assessment Case Law. Michael Smith.

Pitfalls of the Finnish EIA Legislation. Ismo Juhana Polonen.

The Concept of Environmental Streamlining and Water Resources Permitting. Harold Draper.

The Swedish System for Impact Assessment in the Nuclear Field. Tomas Israelsson, Ingvar Persson.

THOMAS PAINE A

CS52. Cross-national Transfer of Policy Analysis and Impact Assessment (Philosophy, Methods and Practice)

Chair: Aleg Cherp

SEA of the Mangrove Ecosystem Management Plan in the Bay of Sangareya, Guinea. Samoura et al.

Insights on Institutional Arrangements for the Management of the Transboundary Incomati River in Southern Africa. Marianne Hilders, Jill Slinger.

Developing and Implementing Strategic Environmental Assessment in the Atikamekw First Nation Context: Methodological Lessons from a Pilot Project. Jean-Philippe Waaub, Nicolas Houde, Aryamann Peerazizi, Nathalie Schaille, Silvia Shardonofsky, Gilles Côté, Thérèse Niquay, Micheline Petitquay

ILO-Instigated Integrated Rural Accessibility Planning (IRAP) Implemented in Cambodia. Caroline Ramaekers, Martin de Jong.

Concluding remarks. Aleg Cherp.

CAMBRIDGE A

CS53. Urban: EA in an Urban Context-Improving Decision Making

Chair: Viv Heslop

The Opportunities and Challenges of Environmental Assessment in a Municipal Setting: A Case Study at the City of Calgary. Maureen Hill, Kevan Van Velzen, Lisa Sutherland.

Impact Assessment in Support of Transparency in Decision-Making and Good Governance: The Coega Industrial Development Zone Experience. Andries Struwig.

A New Model of Governance for a Sustainable City? Working Towards Urban Sustainability in Auckland, New Zealand. Viv Heslop.

CAMBRIDGE B

CS54. EIA Case Studies of Transport

Chair: Bill Kennedy

Assuring Good EIA Practice-Experiences with Institutionalising EIA in a Dutch Ministry. Petra Boonman, Jos Arts, Astrid Paulussen.

Assessing and Addressing the Cumulative Environmental Effects of Induced Actions: A Case Study of the Trans Labrador Highway. Steve Bonnell, Roger Pottle.

Institutionalization of Environmental Assessment of Road Development in the Congo Basin Forest. Dieudonné Bitondo, Pierre André.

Applying the Environmental Sustainable Index to the Roadway Construction Projects in South Korea. Soojae Lee, Sanggi Choi, Hisun Lee, Joongyu Choi, Heungrak Jung, YoungSoo Lee, Gwang Lee.

THOMAS PAINE B

CS55. Decision Criteria, Values and Impact Assessment Part 2

Chair: Rabel Burdge

Public Values Protected? A Comparison of Stakeholder Analysis Methods for the Dutch Electricity Industry. Telli van der Lei.

Uncertainty in EIA-Need for Better Communication and More Transparency Throughout the Decision-making Process. Aud Tennoy.

Evaluation Methods, Conflicts and Rationality in Environmental Planning and Management. Jesper Persson.

MOLLY PITCHER

CS58. EMS: Using EMS to Advance Corporate Social Responsibility

Session sponsored by ENSR International

Chair: Vivian Giannotti

Sensitive Areas and Impact Management-The BP Way. Ben Witchalls, Mick Stump, Rob Finney, Chris Herlugson.

Environmental Perspective of Total Quality Management of Quality Products, Quality Transportation, and Sustainable Development: Nigeria Experience. Abraham Adeshina Adeyemi, Titilayo Eunice Adeyemi.

Corporate Sustainability and Social Responsibility Program Development. Michael Beck, Robert Roemer, Maryellen Frawley.

Making the Business Case for Environmental Management: Environmental Management Tools and Large Organisations in Australia. Tracey Nitz, Lex Brown.

Environmental Guidelines for the Messina Strait Bridge. Roberto Mezzalama, Serena Majetta, Chiara Landini.

PAUL REVERE B

CS61. Evaluation and Evolution of National EIA Systems

Chair: Bill Ross

The Evolution of EIA in Mexico, from Hope to Sustainable Development. Ricardo Juarez, Harry Heisler.

10 years of EIA in Austria. A Good Reason for an EIA Evaluation. Klara Brandl, Astrid Merl.

The NEPA Modernization Program-Adapting Lessons Learned from International Organization Environmental Assessment Practices and Policies. Carl M. Gallegos.

A Quality Review of EIA in Swedish Bilateral Cooperation. Eva Stephansson, Karin Isaksson, Hans-Georg Wallentinus.

HAYM SOLOMAN

CS62. SEA: Techniques and Methods

Chair: Bram Noble

Data Needs in SEA as Contrasted with EIA. Martin Hanssen, Inge Lindblom.

A Web-GIS to Support the SEA of TEN. The Tool and the Public Participation Dilemmas. Elisabete Silva, José Neves, Rosario Macario, Ana Ramos, João Fermison.

From Here to There: How Does a Strategic Forestry EIS Reach An Implementation Phase of High Standard. Cynthia Pratt.

Assessment Method for SEA on Urban Plan in Korea. Jong Ho Lee, Sang-Pyo Hong, Tae Geun Kim.

Strategic Environmental Assessment (SEA) for Biotechnology. Nicholas Linacre.

WILLIAM DAWES A

CS63. Capacity Building for Better IA Systems

Chair: Abdulrahman Issa

EIA System Quality & Integrated Compliance: Similar Challenges; Mutual Lessons and Ways Forward. Mark Stoughton.

Improving EIA Quality and Investing in Capacity Building: The West African Gas Pipeline Project as a Model. Johanna Kollar, J. Renee Morin, AK Armah, John Cornwell.

Is the Demand for Quality in IA Documents Detrimental to Efficient Implementation in Africa. Arne Dalfelt.

Who is an EIA Expert? Duncan Oyaro.

BALLROOM A

CS56. Biodiversity: Treated Properly in Impact Assessment? Linear Projects

Chair: Helen Byron

Improving Wildlife Conservation Prospects through Better Impact Mitigation Options for an Irrigation Project in Central India. Vinod Mathur.

Data Acquisition Strategies for Large Scale, Linear Development Projects. Henry Camp, Ted Coogan, Johanna Kollar, Joseph Germano, A.K. Armah.

Addressing Biodiversity Issues in Environmental Assessment for a Highway in Remnant Appalachian Hardwood Forest, New Brunswick Canada. Jeffrey Barnes, Brian McEwing, Gregory Johnson, Michael Phillips.

Cumulative Impact on Ecosystem and Health: An Approach for Transport Infrastructures and Navigation. Leonardo Marotta, Arianna Cecchi, Gianmario Deandrea, Stefano Costa.

CRISPUS ATTUCKS

CS57. Trade: Consultation and Methodological Challenges

Chair: Jaye Shuttleworth

CEC Analytical Framework: Consultation Process. Chantal Line Carpentier.

Establishing a Methodology for Characterizing the Risk of Invasive Alien Species Along Trade Pathways. Janiece Gilbreath.

Dealing with Data Limitations During EA of Trade: the Government of Canada Experience. Rachel McCormick.

Impacts of Trade on Environment: Strengthening Capacity of Eastern African Countries to Realize Sustainable Trade. Serah Kiragu.

BALLROOM B

CS59. Public Participation 6

Chair: Pierre Andre

The Landscape as an Integral Part of Quality of Life - Case Study on City of Plzen Highway Bypass. Miroslav Martis, Vladimir Zdrzil.

Applying the Methodology for Participatory Assessment to Improve the Distribution of Costs and Benefits of Rural Water Projects in Kenya. Michelle Hendriks.

Improving Communication in Public Participation: What Are the Requirements? Irene Van Kamp, Taeke de Jong, Lea den Broeder.

Addressing Public Perception and Reality in Impact Assessment: The SPDC Afam Power Station Project Experience. Oritsetimeyin Dada, Napoleon Umesi.

PAUL REVERE A

CS60. SIA: A Critical Examination of the Concepts and Practices of SIA

Chair: C. Nicholas Taylor

Causes of Faulty Social Mitigation Measures. Pierre Senécal, Ayse Kudat.

Community Identity and Forestry Closure in Rural New Zealand: The Contribution of "Place Attachment" to Improving Understanding. Colin Goodrich, Kaylene Sampson.

Are You Positive? Striking a Balance in Addressing Socio-economic Impacts. Mark Shrimpton.

New Social Impact Assessment Schemes and Their Contribution to the Transparency in the Decision-making Process of Projects in Mexico. Arturo Pelaez Figueroa, Guillermo Vargas Uribe, Tzitzil Delgado Lemus.

Concurrent Sessions

BALLROOM D

CS64. HIA: Tools and Procedures for HIA

Chair: Alan Bond

Health Impact Assessment of Municipality Solid Waste Management in Thailand: A Scoping and Methodology. Lertchai Charerntanyarak, Uraiwan Inmuong, Kannitha Krongthamachat, Vichien Kerdasuk, Patcharin Ruchuwarak, Somkid Prappai.

EPHIA: European Policy Health Impact Assessment. Alex Scott-Samuel, Debbie Abrahams, Andrew Pennington, Lea den Broeder, Cathal Doyle, Owen Metcalfe, Fiona Haigh, Odile Mekel, Odile Mekel,

A Method to Estimate the Effects of Public Health Interventions on Obesity. Lennert Veerman, Ed van Beeck, Jan Barendregt, Johan Mackenbach.

A Case Study of The Use of Economic Assessment in Land Use-Health Policy Links in Thailand. Sombat Haesakul, Decharut Sukkumnoed.

WILLIAM DAWES B

CS65. Environmental Law, Policies and Practice 2

Chair: Jan Glazweski

Values and Ethics in Enforcement: A Case Study of How Government Can Be Split Over an Environmental File. Mr. Jean Tremblay.

Understanding the Need for Negotiated Contracts in EA: An Evaluation from the Northwest Territories, Canada. Lindsay Galbraith, Ben Bradshaw.

The Role of Experts and Public Participation in Developing the Quality Criteria in EIA Reports. Olavi Hiimäe, Hans-Georg Wallentinus.

Greenhouse Gas Reporting: Why Tell the Truth? Eric Johnson.

THOMAS PAINE A

CS66. Disaster & Conflict: Extreme Impact Assessment: Ethical and Quality Considerations when Dealing with Conflict, Disaster, and Other Extreme Events

Chair: Charles Kelly

International Law for the Protection of the Environment in Situation of Armed Conflicts. Michel Andre Bouchard, Al-Hamndou Dorsouma.

Assessment of Post-Conflict Environmental Needs in Iraq. Faouzi Hamouda, Belgacem Hanchi, Rachid Nafti, Michel Andre Bouchard.

Environmental Assessment of Armed Conflicts in Congo Democratic Republic. Michel André Bouchard, Nicolas Shuku Onemba, Eulalie Bashigwe, Roger Nestor Luku Lusienne, Ntombi Muen-Kabeya, Mbomba Nseu Bekeli, A.S. Mungala, Kabala Mwanambuyi, Fuku Sala, Dieudonné Bitondo.

CAMBRIDGE A

CS67. Indigenous Peoples 2

Chair: Bob Tai

Valuing Indigenous Impacts: Environmental Pollution as Cultural Contamination. Michael R. Edelstein.

Maori and Biodiversity Ethical Issues. Donald Couch.

ESIA/OVOS Process as a Way of Building the Company-Community Relationship in Russia. Marina Khotuleva, Filin Pavel, Andrew Vakulin.

THOMAS PAINE B

CS68. Capacity Development: The Marrakech Declaration and Action Plan

Chairs: Jean-Roger Mercier, Jaafar Boulejiouch, Peter Leonard

An important outcome of IAIA '03 was the Marrakech Declaration reaffirming IAIA's commitment to capacity development for impact assessment, especially in developing countries. It also committed IAIA to developing an Action Plan that would provide a coherent and coordinated approach to fulfilling its commitment. The Marrakech Declaration was signed by IAIA and the Government of Morocco in October 2004. A draft Action Plan was discussed and tabled at IAIA '04, and has been further refined by a working group for consideration by the IAIA Board.

The chairpersons of IAIA '03 will lead this workshop to review the Action Plan proposal, to explore how to strengthen its implementation and effectiveness, and to discover how best to involve IAIA members in realizing the Plan's objectives.

Capacity Enhancement Funding for Impact Assessment in Developing Countries - The World Bank Contribution. Jean-Roger Mercier

CLEAA and Initiatives in Africa for Capacity Development. Abdulrahman Issa, Peter Tarr

Capacity Enhancement for Impact Assessment in Developing Countries - A Summary of Seven Regional Studies. Peter Leonard.

CAMBRIDGE B

CS69. Environmental Careers Seminar and Panel Discussion

Chair: John Esson

The Environmental Career Center (ECC) will moderate an Environmental Career Seminar and panel discussion. Invited speakers will be environmental professionals from a diverse group of employers including UNEP, ENSR International, AIS Fisheries Observers, and other. Panelists will present an overview of their organization's employment trends, hiring requirements, inside tips on preparing for, and advancing in, an environmental career.

THURSDAY, 2 JUNE 3:30 - 5:00

BALLROOM A

CS70. Biodiversity: Treated Properly in Impact Assessment? Wetlands and Data

Chair: Peter-John Meynell

Impact Assessment of Invasive Species Control-EIA on Beneficial Projects. Richard Grassetti.

The "Place" of Wetland Management in Impact Assessment Studies. Elijah Ohimain.

The Place of Ecotechnology (Wetlands) in Restoring the Impacts on the Lakes' Biodiversity. Collins Norberth Chinedu Ugochukwu.

Bioaccumulation of Polychlorinated Biphenyls in White-tailed Deer (*Odocoileus virginianus*) Near a Magnesium Smelter. C. Tolley.

CRISPUS ATTUCKS

CS71. Cultural Heritage in EIA

Improving the Quality of the Cultural Heritage Component in EIA and SEA. Arlene Fleming, Ian Campbell.

The Planarch 2 Project and the Quality of Cultural Heritage Coverage in Environmental Assessment in NW Europe. Paul Slinn.

BALLROOM B

CS72. Public Participation 7

Chair: Robert Winthrop

Comparative Case Study on Participatory Arena and Procedure in Decision Making Process of Wind Farm Siting in Japan. Kenshi Baba, Osamu Kimura, Tatsujiro Suzuki.

A Workshop on the Potential Effects of the Construction and Operation of Subsea Pipelines on Lobster Movement and Behavior. Steve Ellsworth, Mark Gardella, John Auriemma.

Relying on a Procedure: Understanding Environmental Impact Assessment in its Contemporary Context. Kadri Sirg.

Institutionalizing Intergovernmental Collaboration: The Bureau of Land Management's Cooperating Agency Initiative. Robert Winthrop.

MOLLY PITCHER

CS73. Public Participation 8

Chair: Pierre Andre

A Theoretical Framework of Making the Arena for Environmental Consensus Building-ESH Model and its Application. Sachihiko Harashina.

The Challenges of Public Consultation in Military Nuclear Decommissioning: Case Study in Northwest Russia. Elizabeth Smith, Lutz Blank.

Use of the Workshop for the Planning Process in Japan. Shigeo Nishikizawa, Sachihiko Harashina.

PAUL REVERE A

CS74. SIA: The Practice of SIA from an International Perspective

Chair: TBA

Social Impact Assessment in South Africa. Ilse Aucamp, Pieter Aucamp.

Community Impact Assessment Practice in the U.S. Transportation Industry. Leigh Lane, Brenda Kragh, Teresa Townsend.

Use of Social Science in Support of Environmental Management. Rodney E. Cluck, Harry Luton, Dee Williams.

Geographical Distribution of Social Impact of Construction Projects in East-Iceland. Kjartan Olafsson, Gretar Eythorsson.

PAUL REVERE B

CS75. Evaluation and Evolution of National EIA Systems 2

Chair: Anne Miller

Ensuring an Ethical and Quality Approach to Environmental Impact Assessment (EIA) in a Climate of Political Change and Rapid Service Delivery: A South African Perspective. Mark Freeman.

Environmental Assessment Crisis in Canada? Reputation Versus Reality. Jeffrey Barnes, Colleen Leeder, Robert Federico.

The Quality in EIA Concerning Detailed Development Plan (DDP). Inger Olausson, Antoinette Oscarsson.

Socio-economic Differences in Environmental Impacts in the Netherlands. Hanneke Kruize, Peter Driessen, Pieter Glasbergen, Klaas van Egmond.

HAYM SOLOMAN

CS76. SEA: New Approaches to SEA

Chair: Thomas Fischer

Communicating Values, Managing Risks. Carolyn McCommon.

The Challenge of Nuclear Decommissioning in Northwest Russia: The Role of SEA in the Planning Process. Lutz Blank, Elizabeth Smith.

Dealing with Principles and Reality in SEA: A Plan for an Industrial Complex, Venezuela. Mirady Sebastiani, Haymara Alvarez.

SEA stream conclusions. Thomas Fischer.

WILLIAM DAWES A

CS77. Training in Impact Assessment

Chair: Abdulrahman Issa

Principles of Environmental Impact Assessment Review: Training Independent Reviewers, An Essential Step Toward Securing Ethics and Quality in Environmental Impact Assessment. Cheryl Wasserman.

Teaching Impact Assessment. Michael R. Edelman.

Environmental Impact Assessment Education in Portugal. João Joanez de Melo, Tomás Ramos, Teresa Cecílio.

Long-term Evaluation of IA Training: Results of a Case Study in Mexico. Mary Deming, Luis Montañez-Cartaxo, Jean Hébert, Javier Díaz-Perea, Vicente Aguinaco-Bravo.

BALLROOM D

CS78. HIA Special Workshop: HIA as an Instrument for Health Promotion: The Case of Obesity

Chair: Jantine Schuit

Introduction. Jantine Schuit.

Health Impact Assessment of the EU Agricultural Policy on Fruits and Vegetables. Lennert Veerman, Jan Barendregt, Johan Mackenbach.

Transport Policy and Obesity. Harry Rutter.

Health Impact Assessment, Housing, and Overweight. Lea den Broeder.

THOMAS PAINE A

CS79. Disaster & Conflict: Extreme Impact Assessment: Ethical and Quality Considerations When Dealing with Conflict, Disasters and Other Extreme Events 2

Chair: Charles Kelly

The Economic Impact of Shelter Assistance in Post-Disaster Settings. Richard Hill.

Limiting Negative Environmental Impacts in Emergency Locust Operations. Abdelaziz Lagnaoui, Peter Kristensen, Denis Jean Jacques Jordy.

Getting Better With Age? Rethinking Rapid Environmental Impact Assessment in Disasters. Charles Kelly.

The Impact of Nigeria's Regional Security Interventions: Issues on Quality Capability. Peter Offu.

WILLIAM DAWES B

CS80. Testifying as an Expert Witness: Workshop

Chair: Daniel A. Bronstein

Organizing and preparing to testify as an expert witness in common law countries. Among the topic presented will be relating to the lawyer, sequencing your major points, use of visual aids, dress and behavior (de-

meanor), and dealing with cross-examination. Professor Bronstein presents 2-day workshops on this topic on a regular basis and is the author of *Law for the Expert Witness*, 2nd Ed (Lewis/CRC, Boca Raton, 1999).

CAMBRIDGE A

CS81. Dissemination of EIA Information and EIA Centres: Experiences in the (Future) New EU Member States. Panel and Discussion

Chair: Jan Veecken

1. Recent EU Phare training programme in 10 (future) EU Member States: In Estonia, Latvia, Lithuania, Poland, Czech Republic, Slovakia, Hungary, Slovenia, Bulgaria and Romania, EIA workshops and trainings have been executed during 2004 and 2005. This was part of a large EU Phare programme with regional public officers as the main target group. In several countries the establishment of an EIA center was recommended.

2. General principles of an EIA Centre: An overview will be presented of the main activities of an EIA center: Education and training, Information and advisory, Research.

3. Recent experience in Turkey of establishing an EIA Centre.

THOMAS PAINE B

CS82. Issues in Methods and Quality for EIAs

Chair: Wes Fisher

EIA for the "La Yesca" Hydroelectric Dam Project in Western Mexico: a methodology for impact identification and evaluation. Juan Palerm, Sergio Contreras, Javier Clausen.

On Dealing with Exceedances of Ambient Air Quality Limit Values in the Environmental Impact Assessment (EIA). Klara Brandl, Christian Nagl, Agnes Kurzweil.

The Effects of Context on Environmental Impact Assessment. Zineb Alaoui Mdaghri, Peter Jacobs.

EIA/SEA-A Challenge to Decision-making, Planning and Policy-making? Anders Hedlund, Peter Söderbaum.

Impact Assessment: Is Quality Determined by the Document, the Processes, or the Outcome? Vincent Onyango.

Integrity Impact Assessment. Chimdindu Eben Osuagwu.

THOMAS PAINE B

CS83. Capacity Development: The Marrakech Declaration and Action Plan 2

Chairs: Jean-Roger Mercier, Jaafar Boulejiouch, Peter Leonard

Discussion: Review of the Marrakech Declaration and Action Plan Workshop results and discussion on the Action Plan Proposal to be submitted to IAIA.



Participative Social Impact Assessment in the Planning/Decision Process. Rabel Burdge.

Effectiveness of Environmental Impact Assessment in Finland-Presentation of the EFEIA Project. Pekka Hokkanen, Ismo Pölönen, Markku Kuitunen, Kimmo Hirvonen.

The Health Impact Assessment for Healthy Public Policy: A Case Study of "Garden City Project" Yala City, Thailand. Jittima Rodsawad, Theechat Boonyakarnkul, Duangkhae Wilainirund, Sangaroon Isaramalai.

Health Impact Assessment of Excreta Management. Piyamaporn Duangmontree, Theechat Boonyakarnkul, Kesinee Pitiserree, Lertchai Charerntanyarak, Somkid Prabpai.

Anticipating Socioeconomic Effects of Louisiana Coastal Restoration Projects. Broderick Green, Bill Kappel, Bob Gramling, Shirley Laska.

Assuring Quality in Baseline Studies of Impacts of Developmental Projects on Fish Assemblages. Gavin Hogge, Henry Camp, Johanna Kollar, A.K. Armah, Emmanuel Lamptey, Samuel Quaaartey, G.A. Darpaah, Selorm Ababio.

EIA Course as E-Learning. Inga-Majeriksson, Irene Lingestål.

Public Consultation and Political Interferences During Environmental Impact Assessment Process. Francisco Hernandez-Alvarez, Guillermo Zuniga-Gutierrez.

Assessment of Regional Atmospheric Environmental Capacity for Total Air Pollution Emission Control. Young-Kee Jang.

Environment and Health Impact Assessment of Agricultural Pesticides Application for Policy Decision Support. Plengsak Pookajorn.

Health Impact Assessments in Canada-Values and Indigenous Considerations. Jeff Davis.

The EIA Improvement Project in Shell Nigeria. Oritsetimeyin Dada.

Transparency-A Tool for Quality and Ethics in the Process. Johanna Sandwall, Tomas Löfgren.

Environmental Impacts and Mitigation of Rock Quarry Exploitation-Stream Sediment and Benthic Macroinvertebrate Community Structure in Lotic Systems. Ji Young Kim, Tae Ho Ro, Yong Il Lee, Sung Jin Lee, Hyoun Soo Lim, Jae Heung Park.

Hydroelectric Development: Factors to Consider in Methylmercury Risk Assessment and Management. Chantale Côté, Schoen Deborah, Mark Feeley.

Context Sensitive Solutions: A New Decision Making Paradigm in the U.S. Transportation Industry. Leigh Lane, James Bednar, Teresa Townsend.

Patzcuaro Lake, an Environmental Education Program as a Mitigation Measure. Edmundo Ducoing, Patricia Ramirez-Romero.

Nature Is Our Client. Edmundo Ducoing, Patricia Ramirez-Romero.

Alternative Activities for the Sustainable Development of Punta Abreojos, Baja California, Mexico. Edmundo Ducoing-Chahó, Edith Ortiz-Gamboa.

Current Use of GIS for Project EIA and SEA. Elsa Joao, Alexandra Fonseca.

Environmental Assessment of the Dismantling of 12 Russian Nuclear Submarines. Andrew McAllister, Michael J. Washer, Mark Gerchikov, Duncan Moffett, Pete Craig, Konstantin Kulikov.

Doing It Better: Opportunities for Improving HIA Practices in Western Canada. Carl Alleyne.

Swedish EIA Centre. Antoinette Oscarsson, Cecilia Kjellander

Capacity Building for Biodiversity and Impact Assessment. Jo Treweek, Napoleon Tiapo.

Fostering Sustainable Community Development By Assessing the Impacts of New Industry-Using Impact Assessments to Encourage Sustainable Growth. Philip Terrell.

Dyeing Factories in Bangladesh and Related Health Problem. Mohammad Al-Amin, Azimuddin Ahmed.

Establishment of EIA Training and Information Centre in Turkey. Ali Albayrak, Luis Martins Dias.

Cumulative Assessment of the Impacts of Growth on the Ramapo River Watershed. Anthony DiLemme.

Analyzing Demographics of Land Port of Entry Communities Using Geographic Information Systems. Mark Bradac, Hassan Symes, Lisa Mahoney.

Strategic Environmental Appraisal for the Department of Homeland Security's US-VISIT Program. Lisa Mahoney, Mark Bradac, Ray Clark, Larry Gale, David McFayden, Hassan Symes.

Monitoring the Socio-Economic Impact of Construction Projects in East-Iceland. Kjartan Olafsson, Gretar Eythorsson.

Mechanisms for an Operational Corporate Social Responsibility in Conflict Areas. Luz Angela Pinilla Urzola.

Environmental Assessment of the Impacts of the World Trade Center Disaster on the Local Residential Community in Manhattan. Scott A. Lamb.

The Environmental Assessment of Railroads in Korea. Heonseok Yoo, Young-Joon Lee, Hyun-Woo Lee.

About IAIA

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

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

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

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

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

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

Council Meeting

Friday, 3 June • 2:00 - 4:00pm • Crispus Attucks

The IAIA Council serves as an advisory resource to the IAIA Board of Directors, meeting directly after the closing plenary. The Council is composed of the Board, all Committee chairs, representatives of affiliates and branches, the CEO and Headquarters representatives, and the Conference Program Chair(s) for the current-year conference and any future known conferences. However, Council meetings are open meetings; all IAIA members are encouraged to attend.

Committee and Section Meetings

Committees: Tuesday, 31 May • 5:00-6:30pm • See daily schedule for list of Committees and locations of meetings

Sections: Wednesday, 1 June • 6:00-7:30pm • See daily schedule for list of Sections and locations of meetings

Much of the cutting-edge work of IAIA is the direct result of Committee and Section activity. The only chance for Committees and Sections to meet throughout the year is at the annual conference. Everyone is welcome to attend a Section meeting. See page 26 for a description of the Sections. If you are interested in serving on an IAIA Committee, please indicate your interest on the member information directory form mailed to you when you pay your membership dues, or contact info@iaia.org.

Annual General Meeting (AGM)

Wednesday, 1 June • 12:00-12:45pm • Riverside

This is the annual business meeting of the Association. All meeting participants are encouraged to attend, learn more about the operation of the organization, and ask questions. This year, too, the prestigious IAIA Rose-Hulman Award is presented at the AGM. Recipient **Alan Porter** will give a brief address.

2005 AGM Agenda

1. Welcome, Introductions and Confirmation of 2004 AGM minutes.
2. IAIA 2004/5: What have we done and where are we going?
3. Money Matters: Is IAIA financially sound? Questions for the Treasurer.
4. IAIA Honours Excellence: The Rose-Hulman Award Ceremony.
5. Any Debate? Items submitted in writing by members.
6. Have Your Say: Informal discussion of matters that members wish to raise.
7. Closing Remarks.



Jumping whale • Courtesy Boston Harbor Cruises

Conference Terminology

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

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

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

Stream: A number of sessions on the same topic.

Paper Presentation: The oral summary of a paper within a session.

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

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

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

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

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

Practitioners' Forum: For issues that arise during the conference and that practitioners want to pursue through informal follow-up discussions. During the morning, participants post potential topics for discussion, and individuals interested in each topic sign up for the related discussion. If a topic generates sufficient interest, space is made available for the discussion to take place in the late afternoon.

Exhibitors/Sections



Patriots Day • Courtesy Brush Hill Tours/Gray Line of Boston

Greening the IAIA Annual Meeting

Does IAIA practice what it preaches? Yes, and more so every year. IAIA takes the following steps to mitigate the impacts of our conferences:

- Limit printed materials; communicate via e-mail and web to the extent practical and possible
- Contract only with venues that participate in green programs (e.g., hotels that provide a linen and towel reuse program)
- Use bulk servings and pitchers rather than individual bottles
- Use china and silverware rather than disposables
- Provide recycling bins for discarded paper products
- Ask delegates to confirm their attendance at events and functions to reduce waste and leftovers
- Provide evening sustainable dining options

To the extent possible and practical, IAIA implements these (and other) policies and practices. Delegates are welcome to make additional suggestions on the IAIA'05 conference evaluation form or by contacting IAIA HQ at any time.

Information Stations

Exhibits, posters, information tables and more are located in the Ballroom/Courtyard area.

- ENSR
- Stavanger, Norway
- ICF Consulting
- Edward Elgar Publishing
- SIA: Recently-published books
- Association Quebecoise
- Health Canada
- Golder Associates
- Demo: 3-dimensional Geographical Information System (GIS)-based public engagement tool model

About IAIA Sections

IAIA Sections provide opportunities for IAIA members with mutual interests to share experiences and discuss ideas in an informal setting. Sections provide a forum for active topical debate and for development and promotion of good practice. Sections are in different stages of development: some currently have their own projects, newsletters, and listserv discussion groups.

Sections meet at 6:00 on Wednesday, 1 June. See page 7 for locations.

Agriculture, Forestry and Fisheries: New in 2005, this Section focuses on finding ways and means of increasing and improving the application of EIA to these sectors based on study, research, and input from practitioners. Section coordinator and listserv facilitator: Patrick Duffy.

Biodiversity & Ecology: Ecological impact assessment, biodiversity in impact assessment, ecological compensation and mitigation, impact assessment for protected area establishment and management. Section coordinator: Helen Byron. Listserv facilitator: Andrea Athanas.

Disasters and Conflicts: Disseminate information on disaster issues and participate in the development of sustainable disaster management strategies. Section coordinators: Charles Kelly, Michel Bouchard, and Martin Peterson.

Environmental Impact Assessment Law, Policies and Practice: Environmental legislation and its vital role in EA policy and practice. A goal of this Section is to develop links with key legal organisations so that IAIA can play a part in the development of environmental legislation which will promote equitable and sustainable development throughout the world. Section coordinators and listserv facilitators: Susan Waters and Jan de Mulder.

Environmental Management Systems: Environmental auditing and management. Incorporating auditing and impact assessment into environmental management systems and the development and operation of corporate environmental strategies. Section coordinator: Debra Zanewich. Listserv facilitator: Angela Pinilla Urzola.

Health Impact Assessment: HIA throughout the world, integration of human health concerns into impact assessment, and human health risk assessment. Section coordinator and listserv facilitator: Lea den Broeder.

Indigenous Peoples: Indigenous issues in IA, developing guidelines for the recognition and full inclusion of indigenous concerns in all aspects of impact assessment, traditional knowledge, and impact assessment capacity building for indigenous people. Section coordinators: Bob Tai and Amy Emerhi.

Integrated Assessment of Trade-Related Policies: Promotes publication in IAPA of scholarly and general information on policy development, case studies, methodologies and codes of good practice that enables practitioners in the developed and developing countries to conduct IAs. Section coordinators: Bernice Goldsmith and Clive George.

Local and Regional Government Policy and Impact Assessment (also known as **Urban Governance**): Addresses the wide range of social, environmental, economic and institutional impacts of urbanisation; invites all stakeholders—representatives from local authorities, private business, civil society and research—to contribute to discussion on urban issues. This Section specifically reaches out to local authorities and invites them to contribute their experience and questions. Section coordinator: Markus Eggenberger.

Public Participation: Explore principles and techniques of effective public participation as part of EA. Section coordinator: Pierre Andre.

SEA: All aspects of strategic environmental assessment, development of legislation, and SEA as a tool for cumulative effects assessment etc. Section coordinator and listserv facilitator: Thomas Fischer.

SIA: The development of professional good practice in all aspects of SIA, drawing on the experience of SIA practitioners in the private, public and academic sectors around the world. Section coordinator: James Baines. Listserv facilitator: Frank Vanclay and others.

Opening Reception

Monday, 30 May • 7:00 – 9:00pm
Registration Lobby

Unwind from your travels, connect with your colleagues, meet new people, and visit with the poster presenters.

Conference Banquet and Anniversary Party

Thursday, 2 June • 7:00pm
Ballroom

The week's work is almost over, and an Eastern Seaboard clambake, music, and fun await you at the conference banquet and IAIA's 25th anniversary party. Relax, visit with old and new colleagues and friends, and look to the future with an invitation to IAIA06.

Registered delegates are required to wear their IAIA'05 name tags for admittance.

Free for registered delegates. \$25 for guests. Please pay in advance at the registration desk.

Fun Run

Wednesday, 1 June • 6:00am (*meet in Lobby*)

Rise and shine for this fun sporting event, now in its third year. Participants should meet in the Registration Lobby area at 6:00am on Wednesday, 1 June, for a 5km (3.13 miles) fun run along the Charles River. Only guarantee: the fun of finishing and impressing the other delegates. A signup sheet is posted in the registration area. Organized by Susan Waters, Jean-Roger Mercier and Stephen Granger.

Boston Bike Tour

Sunday 29 May • 6:30pm • 1 ½ to 2 hours • \$40 (*meet in Lobby*)

Boston is a beautiful city and very accessible by bicycle. This tour, hosted by Boston's own Urban AdvenTours specifically for IAIA'05 delegates and their guests, will give you a unique perspective on the historical and hidden gems of the city.

Don't worry, you don't need to be Lance Armstrong to enjoy this tour! Sights include the Esplanade along the Charles River, the famous Olmsted "Emerald Necklace" park, Quincy Market, the North End and Beacon Hill neighborhoods, modern architecture at MIT, the Big Dig's new Zakim Bridge, and more! The \$40 per person includes bicycle rental, helmet, and an extraordinary tour guide who knows Boston inside and out. Early registration is encouraged due to limited capacity. Contact Andrew Prescott at info@urbanadventours.com to register and receive a client profile form. Meet in the Hyatt lobby at 6:00pm; you can pay for the tour in cash at that time. (Additional tours are available during the conference week upon request.) Organized by Jeff Rosenblum.

Dine Out Boston-Cambridge

IAIA hosts will lead small groups to various restaurants in Boston-Cambridge for a relaxing evening, whether you choose to dine on the east side of the Charles River in Boston or on the west side of the river in Cambridge.

Sign-up sheets for restaurants are available in the Registration Lobby area. Restaurants featuring local specialties and special emphasis on sustainable dining are listed.

Participants pay their own way and everyone has fun!

25th Anniversary Party

Twenty-five years ago our founders came together to find common ground in the emerging field of impact assessment. From this handful of people, we have grown to a full-fledged association of professionals, with membership numbering over 2,500 and representing over 100 countries. Join us in acknowledging the foresight of our founders, celebrating our success, reaffirming our purpose, and looking to the future. Impact assessment, as they saw it then and as we see it now, is broad-based (not narrowly environmental) and the vision is global.

Let's reflect together on:

- **The Way We Were:** 1980–2005.
- **What's Our Future Together?** How will we rise to the challenges of the next 25 years and the celebration of our 50th anniversary in 2030?
- **The Founding Meeting—Recollections:** Find out what the 1980 meeting was about!
- **Reflections and Projections of Past IAIA Presidents:** Read through your free booklet and find a past president to discuss his/her views!

Join us in these IAIA'05 anniversary activities:

- **30 May:** Opening reception, with the family of founding members.
- **2 June:** Annual banquet (clambake), anniversary cake, music by the "New New Orleans jazz band and more—fun for everyone.
- **3 June:** Closing plenary: IAIA past, present and future.

Anniversary Committee: Charlotte Bingham, Dan Bronstein, Hobson Bryan, Rabel Burdge, Desmond Connor, Wes Fisher, Bernice Goldsmith, David Hardy, Larry Leistritz, Alan Porter, C.P. Wolf.

Brush Hill Tours Gray Line of Boston

For reservations
visit the display table in the exhibitor area
(Ballroom foyer/Courtyard)
or contact John Thomas
USA toll free + 1.800.343.1328
Phone + 1.781.986.6100
Fax + 1.781.986.0167 info@brushhilltours.com



Cambridge/Lexington/Concord

The Battle Trail—visit Harvard Yard, Cambridge Common and the places where the earliest battles of the American Revolution began, traveling back in time through a restored colonial landscape. Journey past the homes of American authors Hawthorne, Alcott and Emerson before stopping at the Old North Bridge where Colonial militia men fired the famous “shot heard ‘round the world.” Departs from Brush Hill ticket office in Park Square at 9:30am.

Pre-registered participants receive complimentary pick-up and drop-off at the Hyatt Regency in Cambridge. The time will be provided upon tour reservation.

3.5 hours, offered daily • Adult: \$26 • Child: \$13

Beantown Trolley & Harbor Cruise

Tour Boston your way! Enjoy a two-hour fully-narrated tour, or get on and off at your choice of 20 different stops (map available at brushhilltours.com/maps/large.html). Trolleys run every 20 minutes, so you can enjoy unlimited use throughout the day. Included with your ticket is a free 45-minute harbor cruise of Boston, OR visit the Mapparium and walk through a glass globe of the world. Hop aboard! Trolley service runs from 9:15am–4:30pm daily.

The Hyatt Regency can provide complimentary shuttle service to Trolley Stop #9 at the Cambridge Marriott.

Adult: \$26 • Child: \$7 • Senior: \$24

Total Experience—Cambridge/Lexington/Concord and Boston

For a complete day of sightseeing, we offer you this special value. We begin with the Cambridge/Lexington/Concord tour in the morning. Returning to Boston, we'll stop at the Faneuil Hall Marketplace where you'll have time on your own for lunch and a little shopping. In the afternoon, you'll board the famous red “Beantown Trolley” for a fully narrated 2-hour tour of Boston. A 45-minute harbor cruise from the Aquarium, Stop #1 is included, “...where swanboats and sailboats and vessels abound!” Come and enjoy 374 years of history, tradition and Yankee ingenuity. A \$52.00 value—save \$7! Departs from Brush Hill ticket office in Park Square at 9:30am.

Pre-registered participants receive complimentary pick-up and drop-off at the Hyatt Regency in Cambridge. The time will be provided upon tour reservation.

7 hours, offered daily • Adult: \$45 • Child: \$22

Boston Harbor Cruises

For Reservations or Information
About Other BHC Cruises
Boston Harbor Cruises
One Long Wharf, Boston, MA 02110 USA
USA toll free + 1.877.SEE WHALE
Phone + 1.617.227.4321
Fax + 1.617.723.2011
contact@bostonharborcruises.com
www.bostonharborcruises.com



Lighthouse Tour

Thoughts of the New England shoreline often conjure up visions of rocky outcrops, sandy beaches, and grassy marshes. Other classic images gracing the region's coastline—and New England's heritage—are the lighthouses which once kept sailors from navigating too close to shore. The Northern Lights tour is narrated by a member of the American Lighthouse Foundation. It begins in Boston with passes by Long Island Head Light and Deer Island Light, and then passes near Boston Light, the oldest lighthouse station in America. Heading north, the tour will pass by several sites including more than eight additional lighthouses. The Northern Lights tour culminates with a view of Thatcher Island, site of the only still operating twin lighthouses left in the entire country.

10am– 3pm, every other Saturday. • Adult: \$45 • Senior (65 +): \$43 • Child (under 12): \$40

Whale Watching

BHC proudly has Boston's only three-hour whale watch cruise on our high-speed catamarans. We will get you to and from the whales in half the time, which allows you more time to watch the whales. Each BHC whale watch is narrated and guided by a naturalist from the noted Whale Center of New England (WCNE). The WCNE has been studying the whales of New England for more than 20 years and its members are recognized worldwide as authorities on “our” whales. With the data collected on each cruise, WCNE is able to further the understanding of whales and their world. And their presence on board ensures that your whale watch will be an exciting and educational trip. Departs from Long Wharf in Boston.

Weekdays: 10am and 12pm / Weekends: 8:30am, 10:30am, 12:30pm, 2:30pm

• Adult: \$30 • Senior (65 +): \$27 • Child (under 12): \$24

Conference Papers and Proceedings

An abstract volume is included in the delegate packets and is posted on the IAIA web site. A list of pre-registered participants is provided in the delegate packets.

IAIA will be publishing conference proceedings on CD-ROM following the conference. Preparation of a full paper is optional. If you choose to prepare a full paper, it will be included in the CD-ROM.

For publication on the conference CD-ROM, materials must be submitted electronically. **File format: MS WORD or PDF. E-mail the file as an attachment to impact@iaia.org no later than 10 June 2005.** Files received after 10 June will not be included in the proceedings. *The following information must be included in the Subject line of the e-mail and should also be the name of the Word file:* 1) Your paper or poster abstract number as previously provided to you by IAIA (in your preliminary notice of acceptance). This number is also available online or from your session chair; 2) Last name of presenting author, as originally submitted; 3) Full title of paper or poster.

EXAMPLE: The "Subject" line of your e-mail and the name of the attached Word or PDF file would be: **#107 Chan EIA in China.**

Presentation Equipment

LCD (PowerPoint) projectors and laptop computers are provided in each concurrent session room. Presenters are responsible for arranging and paying for any other equipment needed for their presentations in advance. Please contact the PSAV Presentation Services office at the Hyatt (+ 1 617-354-2714).

Presenters load their own files on the laptops provided; this should take no more than 2 minutes. Preferably, PowerPoint files should be saved to CD-ROM or memory stick. If the file must be saved to disk, allow some additional time to change the drive in the laptop from CD-ROM to disk. For security reasons, the session rooms and laptops will not be available until the break just prior to the start of the sessions; presenters should plan to use the break just prior to the start of their sessions to load their presentations. Preparation of files on a Mac computer is not recommended; the venue does not have Apple capabilities. Testing of a Mac presentation on an IBM or HP should have been done prior to arriving at the conference, and Mac presenters must provide their own VGA connectors.

Business Services Equipment

Because of high rental costs which would necessarily be passed on to all delegates in the form of higher registration fees, IAIA does not provide copying, printing, computers or other business services on-site. Business services are available to delegates at the Hyatt for a fee.

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 presentations, etc. As a courtesy to others in the session, presenters and other attendees are requested to attend all papers in the session.

Poster Presenters

The poster session will be held in conjunction with the opening reception at 7:00pm on Monday, 30 May. Poster panels are set up and assigned to each poster presenter in the Ballroom foyer and Courtyard area during the afternoon of 30 May. The posters may be put on the panels from 1:00pm-6:30pm Monday, 30 May. Posters will be on display until 12:00pm on Friday, 3 June and may be taken down any time between 12:00pm-5:00pm on Friday. Please note: IAIA, the conference organizers and the Hyatt are not responsible for poster materials on display, or posters/cases left after 5:00pm on 3 June. You are responsible for providing the materials needed to hold your poster in place. Preparation of a full paper is optional. If you have a full paper related to your poster topic, see the information at left in "Conference Papers and Proceedings."

Booths/Tables

Exhibits/tables are set up and assigned in the Ballroom foyer and Courtyard area. Set up is from 1:00pm-6:30pm Monday, 30 May. Take down is 12:00pm-5:00pm on Friday, 3 June. Please note: IAIA, the conference organizers and the Hyatt are not responsible for materials on display, or materials left after 5:00pm on 3 June.

Display Table and Book Share

A table is provided in the exhibit area for IAIA members to display information, distribute conference papers, or announce/distribute non-commercial items (leaflets, brochures, books, etc.). The purpose of this table is to enhance the exchange of information. No commercial (sales) materials are permitted. Inappropriate materials are subject to removal. IAIA, the conference organizers, and the Hyatt are not responsible for items displayed or left after 5:00pm on 3 June.

Be sure to check out the book share table as well. Donate a new or recycled book, or take a book if you find one that might not be readily available back home.

Registration and fees

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

Full and student registration fees entitle delegates to attendance at all sessions, coffee breaks, lunches on Tuesday, Wednesday and Thursday; opening reception; conference dinner; participants list; delegate packet; abstracts volume; conference proceedings; and special events, unless an additional fee is noted.

Payment and Refund Policies

Fees are accepted by cash, check or money order made payable to IAIA in US dollars (US\$), and MasterCard or Visa. Checks or money orders in US\$ must be drawn on a US bank.

Registrations after 12 May will be accepted on-site only. Official receipts for on-site registration (after 12 May) will be issued by mail after the conference.

No registration will be processed without payment unless arrangements were made with IAIA HQ by 12 May.

IAIA refunds registration fees upon written request received before 31 March. A US\$50 processing fee is retained. After 31 March, no refunds are issued for cancellations or no-shows. Substitutions for paid registrants may be made in writing without penalty. Refunds will be issued after the conference.

Name Badges

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

"Quickpass to the Fastlane"

All conference participants whose registration and fees were received by 31 March 2005 were mailed a "Quickpass." Show this Quickpass at registration for express check-in!

Transportation

Massachusetts Bay Transportation Authority (MBTA) provides public transport within Boston. Boston has a reliable subway system which locals call the "T." Contact MBTA at www.mbta.com or phone the Traveler's Information Center at 617-222-3200/toll free at 800-392-6100. Driving in Boston is not advisable. Other means of transportation include the bus, taxi and ferry.

From 28 May-4 June, the Hyatt is providing free shuttle service to several nearby "T" stops.

Currency and Credit Cards

Exchange rates for foreign currency can be given at financial institutions and foreign exchange outlets. The Hyatt also offers a currency exchange service. Credit cards that have the PLUS (VISA) or CIRRUS (MasterCard) logo on them are widely accepted. Most bank branches have automatic teller machines (ATMs) which are accessible 24 hours a day.

Smoking Laws

Smoking is not permitted in public buildings, on public transit or in restaurants.



IAIA'05 Program Committee

Charlotte Bingham (Co-Chair) • World Bank; Washington, DC, USA
Weston Fisher (Co-Chair) • The Cadmus Group; Watertown, Massachusetts, USA
Charles Alton • Global Environmental Solutions, Hillsboro, Oregon, USA
Virginia Alzina • Inter-American Development Bank; Washington, DC, USA
John Boyle • World Bank; Washington, DC, USA
Martin Birley • Shell Health Services, Shell International B.V.; The Hague, Netherlands
Dan Bronstein • Michigan State University; Lansing, Michigan, USA
Peter Croal • Southern African Institute for Environmental Assessment; Windhoek, Namibia
Paul Dulin • Environmental Specialist/Consultant; New Mexico, USA
Victor Frankenthaler • Earth Tech; Concord, Massachusetts, USA
Carl Gallegos • Consultant, Chestertown, Maryland; USA
Marsha Goldberg • US Department of State, Bureau of Oceans, Environment and Space; Washington, DC, USA
Monica Hale • Science Applications International Corporation; McLean, Virginia, USA
Abdulahman Salim Issa • IUCN; Tanzania
Anne Miller • Office of Federal Activities, US EPA; Washington, DC, USA
Alan Porter • R&D, Search Technology, Inc. and Technology Policy and Assessment Center, Georgia Tech University; Atlanta, Georgia, USA
Barry Sadler • Consultant; Victoria, British Columbia, Canada
Paul Sage • Trinity Lakes Consulting; Boise, Idaho, USA
Karen Shippey • Ninham Shand Consulting Services; Cape Town, South Africa
Harry Spaling • The King's University College; Edmonton, Alberta, Canada
Nick Taylor • Taylor Baines and Associates; Christchurch, New Zealand
Peter Tarr • Southern African Institute for Environmental Assessment; Windhoek, Namibia
Susan Waters • Environment Canada; Hull, Québec, Canada
Jay Wickersham • Noble & Wickersham LLP/ Harvard Graduate School of Design; Boston, Massachusetts, USA

IAIA'05 Sponsorship Committee

Marsha Goldberg (Co-Chair) • US Department of State, Bureau of Oceans, Environment and Space; Washington, DC
Carl Gallegos (Co-Chair) • Independent Consultant; Chestertown, Maryland
Hobson Bryan • University of Alabama; Tuscaloosa, Alabama
Larry Canter • Environmental Impact Training; Horseshoe Bay, Texas
Mary Deming • South California Edison; Rosemead, California
Paul Dulin • Environmental Specialist; Hatch, New Mexico
Richard Fristik • Institute for Water Resources; Alexandria, Virginia
Richard Grasseti • GECCO Environmental Consulting; Berkeley, California
Monica Hale • SAIC; McLean, Virginia
Walter Knausenberger • USAID/REDSD; Nairobi
Larry Leistritz • North Dakota State University, Fargo, North Dakota
Gene Owens • Eco-Share Group; Cabin John, Maryland
Phil Tsui • ExxonMobil Productions Company; Houston, Texas
Leslie Wildesen • ETCI, Inc.; Denver, Colorado

International Advisory Committee

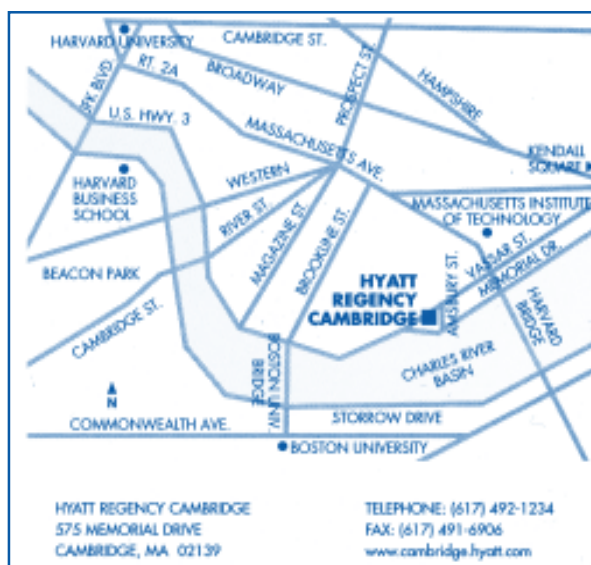
Ali Azimi • Asian Development Bank
Edith Brown-Weiss • Inspection Panel, USA
Johanne Gélinas • Office of the Auditor General, Canada
Stephen Granger • Cape Town City Council, South Africa
Raphael Mwalyosi • Institute for Resource Assessment, Tanzania
Rob Verheem • Netherlands Environmental Commission, The Netherlands
Rosina Wiltshire • Resident UNDP Representative, Barbados

Special Thank You

Sreelatha Anugonda • IT Consultant, Ann Arbor, MI
JB Collier • Practitioners' Forum Coordinator
Eileen Goplen • Meeting Planning Assistant, Fargo, ND
Megan Leelman and Kimberly Richmond • Hyatt Regency Cambridge
Jeff Rosenblum • Bike Tour Organizer
Sue Thibedeau, Scott Brown and staff • Richtman's Press Club, Fargo ND
Susan Waters, Stephen Granger, Jean-Roger Mercier • Fun Run Organizers
Leo Worner, Sam Groff, and Jeff Jensen • S&L Computer Services, Inc., Fargo, ND
The many volunteers who have made this conference a great success.

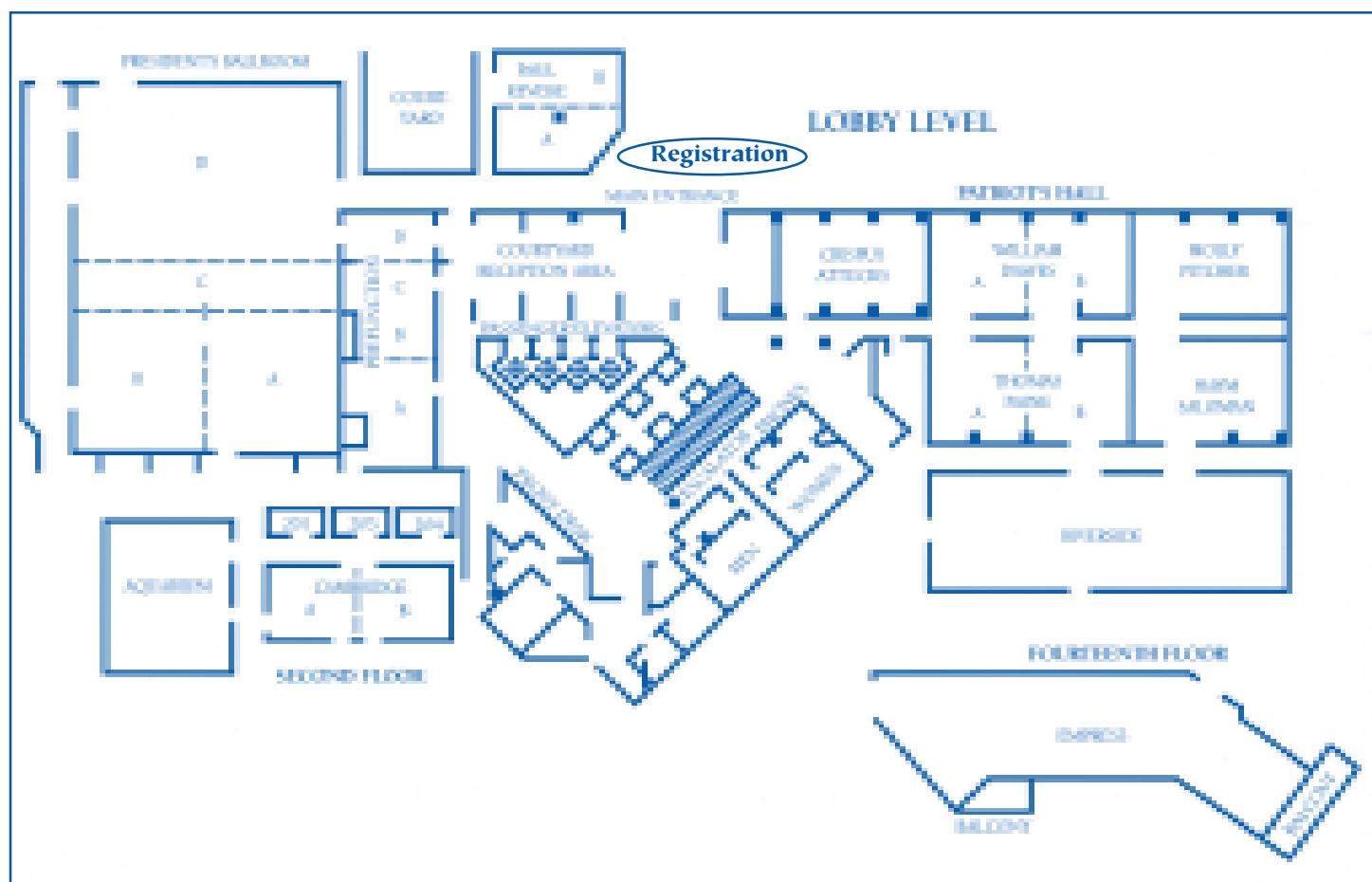


Hyatt Regency Cambridge



Hyatt/Cambridge Area Map

Hyatt Regency Cambridge Floor Plan



Special Thanks

IAIA gratefully acknowledges these companies and organizations for their generous financial and in-kind support of IAIA'05. By sharing their resources, these companies and organizations demonstrate their commitment to the environment and contribute to the improvement of impact assessment around the globe. When you meet a representative of one of these organizations, at the conference or in the months ahead, please be sure to thank them for their contribution.

Earth Sponsors



**Swedish International
Development Cooperation Agency**



Netherlands Ministry of Foreign Affairs
Environmental and Development Cooperation,
Biodiversity and Forests Division

Continent Sponsor



US EPA

Island Sponsors



Chemonics International, Inc.



**Commission for Environmental
Cooperation**



**Inter-American
Development Bank**

Government of Canada



**Minerals Management Service,
U.S. Department of the Interior**



The World Bank Group



US Army Corps of Engineers
Great Lakes and
Ohio River Division

US Army Corps of Engineers

Reef Sponsors

ARD, Inc.

Coastal Zone Management

**MWRA Deer Island
Treatment Plant**

Edenspace Systems Corporation

Edison Electric Institute

ENSR International

Environmental Impact Training

**Environmental Training
& Consulting International
erWeb**

International Resources Group

Southern California Edison

Tellus Institute

USFS/USAID

Woolpert, Inc.

IAIA'05 At-A-Glance

Sunday, 29 May

Training Courses All Day
Indigenous Peoples Forum All Day

Monday, 30 May

Training Courses All Day
State-Level EIA All Day
World Bank Group All Day
Opening Reception, Poster Session Evening

Tuesday, 31 May

Plenary, Theme Forums, Concurrent Sessions All Day
Practitioners' Forums, Committee Meetings Afternoon

Wednesday, 1 June

Fun Run Morning
Theme Forums, AGM, Concurrent Sessions All Day
Practitioners' Forums, Section Meetings Afternoon

Thursday, 2 June

Theme Forums, Concurrent Sessions All Day
Practitioners' Forums Afternoon
Banquet/Birthday Party Evening

Friday, 3 June

Awards Ceremony, Plenary Morning
Council Meeting, Technical Visits Afternoon

Saturday, 4 June

Technical Visits All Day

Announcing a Special Meeting

IAIA SEA-Prague

26-30 September 2005

See www.iaia.org for details.



International Association for Impact Assessment

International Headquarters (HQ)

1330 23rd Street South, Suite C

Fargo, ND 58103 USA

+ 1.701.297.7908 Phone

+ 1.701.297.7917 Fax

info@iaia.org

www.iaia.org

**This program was printed with funds from
the Government of Canada/CEAA and the US EPA.**