

Concurrent sessions overview

	Monday 26th 13.30-15.00	Monday 26th 15.30-17.00	Tuesday 27th 13.30-15.00	Tuesday 27th 15.30-17.00	Wednesday 28th 10.30-12.00	Wednesday 28th 13.30-15.00	Wednesday 28th 15.30-17.00
Grand AB*				Environmental Legislation 28.4	Biodiversity 8.3		
Junior CD*			SEA 25.3	SEA 25.4	SEA 25.9	Corporate Social Responsibility 13.1	Corporate Social Responsibility 13.2
Pavilion D*			NEPAD 12.1	NEPAD 12.2	Electricity 7.0	Electricity 7.3	Electricity 7.4
Junior A			SEA 25.8	Finance 4.1	Mining 34.1	Mining 34.2	Mining 34.3
Junior B			Health IA 24.3	Transport & Communication 15.4	Urban 26.3	Biodiversity 8.4	Biodiversity 8.5
Port Alberni	Transport & Communication 15.1	Transport & Communication 15.2	Transport & Communication 15.3	Follow-up 19.1	Follow-up 19.2	Follow-up 19.3	Follow-up 19.4
Port McNeill	Biodiversity 8.1	Oil & Gas 31.1	Oil & Gas 3.2	Oil & Gas 3.3	Oil & Gas 3.4	Oil & Gas 3.5	Oil & Gas 3.6
Port Hardy	Infrastructure 11.1	Infrastructure 11.2	Infrastructure 11.3	EMS 23.1	EMS 23.2	EMS 23.3	
Parksville	Decision Making 14.1	Decision Making 14.2	Electricity 7.1	Electricity 7.2	SEA 25.5	SEA 25.6	SEA 25.11
Orca	Oil & Gas 3.1	Biodiversity & Trade 8.2	Trade 2.1		Trade 2.2	Trade 2.3	Trade 2.4
Finback	Health IA 24.1	Health IA 24.2	Sustainability 1.1	Sustainability 1.2	Sustainability 1.3	Sustainability 1.4	Sustainability 1.5
Beluga	Stakeholder Involvement 22.1	Welcome to IAIA 35.1	Weather 32.1	Weather 32.2	Disasters 27.1	Welcome to IAIA 35.2	
Granville	SEA 25.1	SEA 25.2	Social IA 30.3	SEA 25.7	Decision making 14.4	Health IA 24.7	Decision Making 14.5
Galiano	Social IA 30.1	Social IA 30.2	Capacity Building 10.1	Decision Making 14.3	Cumulative IA 18.3	SEA 25.10	
Vancouver	Cumulative IA 18.1	Cumulative IA 18.2	Public Participation 29.1	Public Participation 29.2	Public Participation 29.3	Public Participation 29.4	Public Participation 29.5
Burrard	Environmental Legislation 28.1	Environmental Legislation 28.2	Environmental Legislation 28.3	Health IA 24.4	Health IA 24.5	Health IA 24.6	Health IA 24.8
Gulf Islands BC	Tourism 17.1	Tourism 17.2	Fish, Agri & Forestry 6.1	Fish, Agri & Forestry 6.2	Capacity Building 36.1	Capacity Building 10.2	Capacity Building 10.3
Azure	Urban 26.1	Urban 26.2	Voluntary Initiatives 5.1	CIPEC 16.1	Climate 33.1		
Gulf Islands A	New Methods 21.1	New Methods 21.2	Mew Methods 20.1		Voluntary Initiatives 5.2		

* Simultaneous Intepretation

Theme forums agenda

Theme Forums will bring together the various aspects of impact assessment, examine how they apply to various sectors and issues, and open discussion around the question "Impact Assessment for Industrial Development - Whose Business Is It?". These forums will be integrative in nature and will tie together the various threads of impact assessment as they pertain to a specific sector or broad topic.

Each Theme Forum will deal with a key economic sector or an important facet of impact assessment. More detailed exploration of aspects introduced in Theme Forums will take place in subsequent Concurrent Sessions.

Theme Forum topics to be discussed at IAIA'04:

- Achieving Sustainability: the Role of Impact Assessment
- Integrated Assessment of International Trade
- Impact Assessment and the Oil and Gas Sector
- Impact Assessment and International Finance
- Voluntary Environmental Initiatives: Industry Achievements
- Application of Impact Assessment to Fisheries, Agriculture and Forestry
- Impact Assessment and the Electricity Sector
- Industry Perspectives on Biodiversity and Impact Assessment
- Infrastructure Development: An Opportunity to Advance Sustainability

Notes

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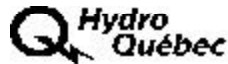
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Tuesday 27 April
8.30-10.00

GRAND AB BALLROOM

1.0 Achieving Sustainability: The Role of Impact Assessment

Chair: J. Ashley Nixon

Conceptualising Sustainability Assessment: Three Models and a Case Study

Jenny Pope

Progressing Toward Sustainable Development Through Reflexive Processes

Brenda Kenny

Implementing Sustainable Strategies for Rural Land Use Planning and Resource Management of Publicly Owned Assets: An Analysis of Environmental Assessment Systems Being Developed by British Columbia Ministry of Sustainable Resource Management

John Curry, Tony Jackson

Using Public Participation During an EIA to Guide Industry to Sustainable Development

Tisha Greyling

JUNIOR CD BALLROOM

2.0 Impact Assessment of International Trade: Whose Business Is It?

Chair: Clive George

Panelists:

Carlos Muñoz (Director General for Research on Environmental Economics & Policies, National Institute of Ecology, Mexico)

Scott Vaughan (Director, Unit for Sustainable Development & Environment, Organization of American States)

Rachel McCormick (PhD Candidate, University of Calgary)

Eric Peters (Directorate General of Trade, European Union)

PAVILION D BALLROOM

3.0 Impact Assessment and the Oil and Gas Sector

Co-Chairs: Todd Zimmerling, Kathy Preston

Towards An Environmental Impact Assessment for the Mackenzie Gas Project: Opportunities, Challenges and Lessons Learned

Alan J. Kennedy, Jeffrey Green, Gordon Rozon

Social Impact Assessments: A Case Study of the East-West Natural Gas Pipeline in China

Eleanor Gill

Gulf of Mexico Challenges

Harry Luton, Diane Austin

Developing Best Practices of EIA for the Oil and Gas Sector: The Need and Importance of Closer Cooperation between Canada and Kuwait

Fatima Al-Abdali, Sami Al-Yakoob, and M. Husain Sadar

Tuesday 27 April
10.30–12.00

JUNIOR CD BALLROOM

4.0 Impact Assessment and International Finance

Co-chairs: Glen Armstrong, Art FitzGerald

The Equator Principles: 20 Major Commercial Banks Commit to IFC's Environmental and Social Requirements—The Impact on Project Financing
Andre Abadie

IFC's Approach to Environmental Assessment of Projects
Peter Neame, Ron Anderson

Multilateral Development Banks Are Moving to a Common Framework for Environmental Assessment - The Importance of This Initiative to Environmental Assessment by International Financial Institutions and Signatories to the Equator Principles
Stephen Lintner

Export Credit Agencies Adopt Environmental Requirements for Private Sector Projects—A Significant Impact on Project Financing
Arthur FitzGerald

PAVILION D BALLROOM

5.0 Voluntary Environmental Initiatives - Industry Achievements

Chair: Kathryn Harrison

The Shifting Paradigm of Impact Assessment: The Emergence of Voluntary IA and Mitigation
John Dauvergne

Should You Trust Voluntary Initiatives: Verification of Canadian Chemical Companies Under Responsible Care
Philip Byer

The Canadian Industry Program for Energy Conservation (CIPEC): The Dynamics of a 28-Year Energy Efficiency Partnership Between Government and Industry
Philip Jago

GRAND AB BALLROOM

6.0 Application of Impact Assessment to Fisheries, Agriculture and Forestry

Chair: Hussein Abaza

An Overview of the Application of EIA to Fisheries, Agriculture, and Forestry
Patrick Duffy, Laura Russo

Panel comments:

Peter Duinker, Forestry; Tom Boivin, Fisheries; Patrick Duffy (tentative), Agriculture
Interactive moderated discussion with forum attendees.

Wednesday 28 April
8.30–10.00

PAVILION D BALLROOM

7.0 Impact Assessment and the Electricity Sector

Part 1: Electricity and Development: The Role of Impact Assessment

Chair: Peter Leonard

The Outlook for Electricity and Development: Role of IA
Linda Ghanimé

Energy, Electricity and Poverty: Challenges Ahead and the Role of IA
Eric Brusberg

Perspectives et expériences récentes en pays en voie de développement
Sibi Bonfils

Examples of Electrical Industry Contributions: The IHA Guidelines for Sustainability Assessment
Andrew Scanlon

Discussion on the Role of Impact Assessment in the Electricity Sector: Effectiveness and Future Perspectives
Luis E. Montañez-Cartaxo, Linda Ghanimé, Eric Brusberg, Sibi Bonfils, Andrew Scanlon

Review and conclusions
Mary Deming

GRAND AB BALLROOM

8.0 Industry Perspectives on Biodiversity and Impact Assessment

Chair: Heidi Klein

Integrating Business Process and Biodiversity Conservation
Roger Creasey for Sachin Kaplin

Impact Assessment in the Convention on Biological Diversity and Other Multilateral Environmental Agreements
Robert Höft

The Biodiversity Assessment Framework: Biodiversity and Corporate Social Responsibility
Roel Sloodweg

JUNIOR CD BALLROOM

9.0 Infrastructure Development: An Opportunity to Advance Sustainability

Co-Chairs: Mary Ellen MacCallum, Malcolm Smith

Promoting Sustainable Infrastructure Development in Canada: The Institutional Framework of Infrastructure Canada
Cecile Cleroux

Comparing the German, Danish, and Dutch Institutional Structures for Investment in Transport Infrastructure and Devising the Ideal Model by Consulting Experts and Practitioners
Martin de Jong

Integrating Sustainability in Regional Infrastructure Development
Greater Vancouver Regional District (TBA)

Sustainability and Infrastructure Development Case Study
Patrick Condon

Wednesday 28 April
10.30–12.00

PAVILION D BALLROOM

7.0 Impact Assessment and the Electricity Sector

Part 2: New Ways of Working with Indigenous People in Northern Québec: The Eastmain 1 & Eastmain 1A- Rupert Diversion Hydropower Projects

Chair: Peter Leonard

New Ways of Working with Indigenous People in Northern Québec: A Community and Stakeholder's Perspective
Billy Diamond

New Ways of Working with Indigenous People in Northern Québec: A Proponent's Perspective
Philippe Mora

A New Approach to Indigenous Participation in the Environmental Assessment of a Major Hydro Development
Carole Lévesque, Ginette Lajoie

Monday 26th April
13.30-1500

ORCA

3.1 Impact Assessment and the Oil and Gas Industry

Lessons Learned I

Chair: Todd Zimmerling

Sponsored by Gartner Lee Limited and RWDI West Inc.

Regulation of Oil and Gas Exploration and Development on the East Coast of Canada: Early Observations on the CNSOPB Becoming a Full-Fledged CEAA Agency
Norval Collins, Michael Coolen

Natural Gas Pipeline Route Selection Offshore Nova Scotia as a Mitigation Strategy
Stephen Fudge, Stephen Sayle, John Auriemma, Michael Koski, Terry Oram

The Change Management Procedure: Lessons Learned on the Chad/Cameroon Oil Export Pipeline Project
Ron Anderson

Impact on Local Companies and Workers of the Environmental and Social Clauses in Procurement Bidding Documents in a Large Infrastructure Project: the Case of the Chad-Cameroon Oil Development Pipeline Project
Emmanuel Noubissie Ngankam, Jean-Roger Mercier

PORT McNEILL

8.1 Biodiversity and Impact Assessment

Biodiversity and Impact Assessment: Principles

Chair: Helen Byron

New Trends of Ecological Restoration and Impact Assessments in Japan
Akira Tanaka

Quantitative Biodiversity Impact Assessment: Five Years of Using the Biotope Method
Lasse Kyläkorpi, Bernt Rydgren

Developing Best Management Practices for Biodiversity Conservation in the Mining Industry
Robert Prairie

PORT HARDY

11.1 Impact Assessment of Infrastructure Projects

Chair: Malcolm Smith

Assessing the Land Use Impact of Port Privatization Models in European Ports
Nathan Bowden

Promoting Sustainable Infrastructure Development in Canada: Emerging Program Framework for Environmental Sustainability at Infrastructure Canada
Keith Grady

Linking Environmental Effects to Health Impacts - A Computer Modeling Approach
Jennifer Mindell

Integration of SEA with Urban and Regional Planning Related to Total Pollution Load Management System in Korea
Jong Ho Lee

Practical Proactive Environmental Impact Assessment

Kevan Van Velzen

PARKSVILLE

14.1 Impact Assessment and Decision Making

Co-Chairs: Hans de Bruijn, Wil Thissen

Modernizing EIA Implementation in the United States

Anne Norton Miller

Common Sense in EIA

William Ross, Angus Morrison-Saunders, Ross Marshall

The Role of EIA for Decision-making and Formulation of Alternatives - Evaluation of Influence
Pekka Hokkanen

Adapting IA to Alternative Decision-making Categories
Einar Leknes

PORT ALBERNI

15.1 IA and Transportation

Chair: Mary Ellen MacCallum

Air Quality Impact Assessment Methodologies for the Sea-to-Sky Highway
Alex Schutte

Sea-to-Sky Highway and Acid Rock Drainage: A Modeling Approach to Assessment of Potential Environmental Effects
Neil Mallen, Cheryl Ross

Minnnows Get Their Free Way
Jenine Bothma

Wildlife Roadkill in Major Highways in Korea
Sang-Don Lee, Byung-Woo Yeom

GULF ISLANDS BC

17.1 Tourism, Recreation and Impact Assessment

Special Events

Chair: Bette Beswick

Potential Impacts of Conference

Michelle Bentzen, Linda Havers, Adam Johnson, Mark Traverso

Environmental Management and Ski Area Design at Sunshine Village Ski Area, Banff, Alberta
Dave Kerr, Paul Mathews, Chris Chevalier

Environmental Monitoring of the Construction Sites for the Olympic Winter Games "Torino 2006"
Roberto Mezzalama, Monica Livini, Matteo Massara, Vittorio Salusso

The Kananaskis 2002 G8 Summit - A Case Study in Strategic Assessment and Sustainable Development in a Protected Area
Bruce F. Leeson

VANCOUVER

18.1 Cumulative Effects Assessment

Co-Chairs: Roger Creasey, Lisa Fischer

Sponsored by AXYS Environmental Consulting Ltd.

A Discussion on the Completion of Cumulative Effects Assessments (CEAs) in the Oil Sands Region
J.R. Gulley, I. Mackenzie, C. Fordham, J. Smith, C. Duane

Bridging the Gap Between Project Assessments and Regional Development Dynamics

M. Boyle, H. Dowlatabadi

Cumulative Impact Assessment for Municipal and Regional Planning: An Outline of a Swedish Research Project

A. Oscarsson, E. Rapaport, H. Wallentinus

Evolving Opportunities for the Collaborative Management of Cumulative Effects: The Oil and Gas Industry in British Columbia, Canada
G. Hegmann, J. Green, M. Macdonald

GULF ISLANDS A

21.1 New Methods in IA

Innovations in Environmental Impact Assessment

Chair: Thomas Hoban

An Adaptive Impact Assessment Approach: The Peace River Project
Meera Nathwani, Ken Foster, Roger Creasey

Environmental Assessment Information Portal for Southwestern Alberta
Danah Duke, Michael Quinn, Ken Sanderson

Environmental Monitoring Using Remote Optical Sensing Technology at an Industrial Wastewater Treatment Plant
Freddie Hall

The Use of Comparative Ecological Risk Assessment as an Impact Assessment Tool
Isabel Johnson, Nelson Garcia, Steve Friant

Evaluating and Communicating Impact Significance in EIA: A Fuzzy Set Approach to Articulating Stakeholder Perspectives
Graham Wood, Julia Becker

BELUGA

22.1 Stakeholder Involvement and Risk Management

Chair: William McMillan

Stakeholder Involvement and Risk Management: Managing for Public Good and Investor Confidence
William McMillan

Impact Assessment of Industrial Projects in Québec: What the Last Eight Years Have Taught Us / L'évaluation environnementale des projets industriels au Québec: qu'avons-nous appris en huit ans ?
Renee Loiselle

Industrial Mega-Projects: Confronting Community Expectations
Mark Shrimpton, Keith Storey

IPM Impact Assessment and the Art and Science of Risk Communication
Abdelaziz Lagnaoui, Emanuel Santi

Strategic Communication for Impact Assessment: Lessons Learned from the IAIA'03 Marrakech Practitioner's Forum and Review of Selected Recent Experiences
Peter Leonard, Emanuel Santi

FINBACK

24.1 Health Impact Assessment

HIA Kaleidoscope

Chair: Lea den Broeder

Rapporteur: Reiner Banken

Mapping the Use and Context of Health Impact Assessment Across Europe: Methodological Issues and Preliminary Results from a 14-country Study

Matthias Wismar, Louise Nilunger

HealthCounts: Relevant Measures of Determinants of Health - Choices Made By Community and Professional Groups in a UK Setting

Jonathan Mathers, Elaine Cameron, Jayne Parry

HIA in the Orange Plantations and Its Contribution to Healthy Public Policy in the Agricultural Sector in Thailand

Nuntana Sabrum, Chomchaun Boonrahong, Bantoon Setthasiraj

How Urban Environments Can Contribute to Increased Physical Activity

Manon Penris, Teresa Alleman, Lea den Broeder, Gerard Varela Put

Health Impact Assessment and The Improvement of Economic Assessment: Reflections and An Initial Proposal from Recent Experiences in Thailand

Decharut Sukkumnoed, Suphakij Nuntavorakarn, Nuntana Sabrum

GRANVILLE

25.1 Strategic Environmental Assessment

SEA Session 1: SEA and Sustainability Planning

Chair: Thomas Fischer

SEA and National Strategies for Sustainable Development

Aleg Cherp

The Kiev Protocol on Strategic Environmental Assessment, a Global Tool for Sustainable Development

Nick Bonvoisin

Environmental Agency Good Practice Guidelines for SEA

Gerard Stewart

AZURE

26.1 Urban Impact Assessment

Tools and Methods of Urban Impact Assessment

Chair: Markus Eggenberger

Social Impact Assessment in Urban Planning

Rauno Sairinen

Local Agenda 21 of Graz City: The Development of Its Indicators

Ralf Aschemann

Spatial Planning Guidance for Achieving Sustainable Urban Development

Habib Alshuwaikhat

EIA as an Integral Tool of an Ecosystems Approach to Urban Development

Arne Dalfelt

BURRARD

28.1 Environmental Legislation, Policies and Institutions and Impact Assessment

Environmental Legislation, Policies and Institutions and Industrial Development

Co-Chairs: José-Luis Salazar-Máñez, Nightingale Rukuba-Ngaiza, Susan Waters

Intelligence from Environmental Regulatory Information: What's Really Available?

Eric Johnson

Adopting the Guidelines of the Global Reporting Initiative: What Mechanisms Determine Its Spread Among Firms in Different Countries?

Martin de Jong, Hallina Brown

Management of Regulatory Indicators and Its Impact Over Industrial Sector in Michoacan State- Mexico

Arturo F. Pelaez and Guillermo U. Varas

Effectiveness of EIA and Its Framework in Tanzania: Challenge for Achieving Sustainability

Alexander Chambi

GALIANO

30.1 Social Impact Assessment

Social Impact Assessment

Chair: Jose Manuel Palma-Oliveira

Collaborative Approaches and Strategies for Oil and Gas Impact Management

Thomas Stubbs

Vancouver 2010 Olympic Games: Socio-economic Impact Assessment for Hallmark Events

David Hardy

Landscape Assessment as a Social Follow-up Tool and an Indicator of Social Acceptability Towards an Industrial Project

Marie-José Fortin

Addressing the Social Dimensions of Private Sector Projects

Debra Sequeira, Edward (Ted) Pollett

Remote Indigenous Housing in Australia - A Social Assessment

Andrea Jardine-Orr

**Monday 26th April
15.30-17.00**

ORCA

8.2 Biodiversity and Trade (Joint Session)

Joint Workshop: Assessing the Biodiversity Impacts of Trade: Principles and Practice

Facilitators: Clive George, Helen Byron, Bernice Goldsmith

Discussion of "Assessing the Biodiversity Impacts of Trade: Principles and Practice." Paper is available on the IAIA Conference Web site: www.IAIA.org > Conference

PORT HARDY

11.2 Impact Assessment of Infrastructure Projects

Chair: Malcolm Smith

Lessons Learnt in Addressing Environmental Issues of Infrastructure Development in the Water Industry: A Case Study in KwaZulu-Natal, South Africa

Lyn Archer

Impact of School Construction Projects by Canadian NGOs in Nicaragua

Mary Anne Connell

EIA for Canada's Largest Greenfield Water Filtration Plant

Mark Ferguson

Generation Rate of Construction and Demolition Debris Due to Construction Activities

Hi Sun Lee

PARKSVILLE

14.2 Impact Assessment and Decision Making

Co-Chairs: Hans de Bruijn, Wil Thissen

Is IA Effective in Influencing Policy Makers?

Marleen Bekker

Evaluating the Effectiveness of EIA

Mat Cashmore

Moving the EMP from the Shelf to the Field in Shell Petroleum Development Company, Nigeria

OJ Dada

Designing SEA to Fit Decision Making

Maria Rosário Partidario

PORT ALBERNI

15.2 IA and Transportation

Chair: Mary Ellen MacCallum

Reviewing the Quality Environmental Impact Statements: A Case Study on Roads Construction in a Spanish Region. Part II

Eduardo Peris Mora, Luis Victor Fernández Velasco

Developing Indicators for Monitoring Sustainable Transport and Mobility

Rik van Grol, Warren Walker

Transportation Issues in Impact Assessment in Nunavut, Canada

Janice Traynor, Robyn Abernethy-Gillis

Applying the Systems Approach to Sustainable Transport and Mobility

Warren Walker, Adnan Rahmen, Rik van Grol, Lisa Klautzer

GULF ISLANDS BC

17.2 Tourism, Recreation and Impact Assessment

Special Events

Chair: Bette Beswick

Using a Class Screening Approach to Facilitate Environmental Assessments of Private Sector Proposals in National Parks in Canada

Katherine Cumming, Neils Gilson

Sustaining an Important Gift from the Ice Age

Shirley Conover

Assessing the Potential of Nature-Based Tourism as an Economic Development Opportunity for Rural North Dakota

F. Larry Leistritz, Nancy M. Hodur, Dean A. Bangsund

EIA in the Tourism Sector in Egypt

A.G. Abul-Azm, M. Hassanein

Whose Waste Is It Anyway?

Ric Bland

VANCOUVER

18.2 Cumulative Effects Assessment

Co-Chairs: Roger Creasey, Lisa Fischer

Sponsored by AXYS Environmental Consulting Ltd.

Environmental Impact Assessment as a Management Tool for Protected Areas

A. Mendoza-Duran

The Assessment of Cumulative Effects in a Developing Country Context: The Case of South Africa

A. van der Walt, C.E. Jones, S.A. Jay

The Impotence of Cumulative Effects Assessment in Canada: Ailments, and Ideas for Redeployment

P. Duinker, L.A. Greig

GULF ISLANDS A

21.2 New Methods in Impact Assessment

Integrating Social and Environmental Impact Assessment

Chair: Thomas Hoban

Rapid Analysis

Leonardo Marotta

Integrating Social and Environmental Impact Assessment: A Proposal

Hobson Bryan

What Makes Risk Analysis a Successful Business... Can Lessons for Impact Assessment be Learned?

Jean-Michel Attlan, Jean-Roger Mercier, Glenn Morgan

ESIA - More Than a Tick in the Box?

Ben Witchalls, Robert Finney

Problem Structuring Methods for Technology Futures Analysis

Scott Cunningham

FINBACK

24.2 Health Impact Assessment

HIA and EIA

Chair: Martin Birley

Rapporteur: Peter Furu

Trends in the Environmental Impact on the Health Burden in The Netherlands: 1980, 2000 and 2020

Anne Knol, Brigit Staatsen, Caroline Ameling

An Inclusive Framework for Environmental Impact Assessment

Jane Gurney, Nonita Yap

Addressing Human Health Impacts in EIA: Observations from Case Studies from Northern Canada

Bram Noble, Jackie Bronson

Human Health Considerations in the Environmental Assessment of Nuclear Facilities in Canada

Anar Baweja, Diane McClymont Peace, Bliss Tracy, Jeff Davis

Roles of Health Impact Assessment and the Potash Mining Project

Nusaraporn Kessomboon, Pattapong Kessomboon

Incorporating Health Indicators into Environmental Impact Assessment

Carolyn Dunn

GRANVILLE

25.2 Strategic Environmental Assessment

SEA Methods and Techniques

Chair: Thomas Fischer

Innovative Trends in Strategic Environmental Assessment in the United States: Federal Land Management Agencies Are Leading the Way

Ron Bass

Processing of Environmental Fuzzy Information (PEFI)

Driss Zakarya, Jafar Boulejiouch

Proposition of an Analysis Grid for SEA Processes

Nathalie Risse, Juan-Philippe Waaub, Philippe Vincke

From Policy to Practice: Recent Developments in the Evolution of Policy Assessment at the Federal Level in Canada

Greg Wilburn

IA of Scale Choices

Sonja Karstens

AZURE

26.2 Urban Impact Assessment

Urban Planning and EIA

Co-Chairs: Markus Eggenberger, Ralf Aschemann

The Role of Developers in Implementing Low Impact Urban Design in Housing Developments in Auckland

Viv Heslop

The Quality in EIA Concerning Detailed Development Plan (DDP)

Inger Olausson

The Impacts of Human Activities on the Urban Atmospheric Environment

Hyoun-Young Lee

BURRARD

28.2 Environmental Legislation, Policies and Institutions and Impact Assessment

International, Regional and Comparative Contexts

Co-Chairs: José-Luis Salazar-Máñez, Nightingale Rukuba-Ngaiza, Susan Waters

Implementation of the United Nations Economic Commission for Europe Convention in a Transboundary Context Through Regional Guidelines

Liz Smith

Environmental Assessment Mainstreaming - Promoting and Facilitating Investment, Sustainable Development and Compliance (Findings from a Study of Californian and Ghanaian Environmental Laws)

Yaw Amoyaw-Osei

New Zealand's Resource Management Act- Lesson for Hong Kong?

Michael Cheung

Recent Developments for EIA Implementation in Turkey: Establishing EIA Center and Sectoral Approximation Strategy

Ali Albayrak

GALIANO

30.2 Social Impact Assessment

Social Impact Assessment

Chair: Jose Manuel Palma-Oliveira

The Significance of Social and Economic Impacts

David P. Lawrence

Comparative Analysis of Impacts of Two Forms of Local Ownership

Jeji Varghese, Naomi Krogman

Critical Exposé of Local Ownership

Jeji Varghese, Naomi Krogman, Tom Beckley, Solange Nadeau

Social Assessment of Hydroelectricity Development in New Zealand

Nick Taylor, Wayne McClintock, Gerard Fitzgerald

The Evaluation of SIA Indices for Dam Project Using Delphi Technique in Korea

Jakon Koo, Muchoon Lee

PORT McNEILL

31.1 Social Impact Assessment and Offshore Oil and Gas

Chair: Rodney E. Cluck

Sponsored by Minerals Management Service, U.S. Department of the Interior

Social Impact Assessment and Offshore Oil and Gas in the United States

Rodney E. Cluck

Social Impact Assessment and Offshore Oil and Gas in the Gulf of Mexico Region

Kimberley Cook

Weighing the Consequences: Engaging British Columbia Communities in Offshore Petroleum Assessment

Kelly M. Vodden

Implications of a Paradigm Shift: The Case of Oil Development in Alaska

John Petterson

BELUGA

35.1 Welcome to IAIA

Chair: Rita Hamm, IAIA CEO

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

Tuesday 27th April
13.30 - 15.00

FINBACK

1.1 Achieving Sustainability

Approaches to Sustainability Assessment (1)

Co-Chairs: J. Ashley Nixon, Jenny Pope

Sustainability Assessment: Basic Components of a Practical Approach

Robert B. Gibson

Strategic Impact Assessments in the Energy Industry: A Comparison with Strategic Environmental Assessment and Sustainability Appraisal

Monique de Wit

Sustainability Assessment for Projects and Other Business Decisions in Shell Canada

J. Ashley Nixon, Meera Nathwani

Implementing Sustainable Development Using the Publicly Accountable Development Model

Ken Banister, Tristan Goodman

The Water Use Planning Process at BC Hydro:

*Balancing Water Usage in a Sustainable Way
Daryl Fields, Kevin Conlin*

ORCA

2.1 Impact Assessment of International Trade

Country/Regional Approaches to Impact Assessment of Trade

Chair: Rachel McCormick to provide an overview of different approaches currently in use and to moderate the panel discussions.

Objective: The session will provide the context for undertaking impact assessment of trade by comparing and contrasting the different key approaches currently in use, and explore the future directions of this work.

Presenters/discussants:

Bill Kennedy (Executive Director, Trade and Environment Program, North American Commission on Environmental Cooperation) to provide comments on the CEC work on assessing the environmental effects of NAFTA

David Brooks (Director for Natural Resources Policy and Environmental Reviews, Office of the United States Trade Representative) to provide an overview and update of the US process for undertaking environmental reviews of trade agreements.

Eric Peters (Directorate General of Trade, European Union) to provide an overview and update of the EU process to conduct Sustainability Impact Assessments (SIA) of trade.

Thomas Gillmore (Policy Advisor, Environmental Policies and Sustainable Development Division, Foreign Affairs Canada) to provide an overview and update of the Canadian process to conduct environmental assessments of trade negotiations.

PORT McNEILL

3.2 Impact Assessment and the Oil and Gas Industry

Community Impact and Traditional Knowledge

Chair: Kathy Preston

Sponsored by Gartner Lee Limited and RWDI West Inc.

Cumulative Community Impacts of Offshore Oil and Gas Activity in Southern Louisiana

Diane Austin

Community Benefits from Offshore Petroleum Activity

Mark Shrimpton, Keith Storey

Traditional Knowledge and the Impact Assessment of a Gas Gathering System

Frank Kotchea, Derek Melton, Terry Forkheim

Impact Assessment from a First Nations Perspective: Review of a Proposed LNG Facility

Susan Wilkins, Michael Shum, Randall Lewis

AZURE

5.1 Voluntary Environmental Initiatives

Voluntary Environmental Initiatives

Chair: John Dauvergne

Conducting Impact Assessment Because It Is The Right Thing To Do: The Waterton Seismic Project 2003

Roger Creasey, Bette Beswick

Who Says Command-and-Control Doesn't Work?

*Case Studies of Corporate Environmental Performance and Public Policy in Taiwan
Norita T. Yap*

A Comparison of Archival Versus Perceptual Measurement of the Impact of Voluntary Environmental Instruments on Corporate Environmental Performance

Angus Morrison-Saunders, David Annandale, Michael Hughes

GULF ISLANDS BC

6.1 Fisheries, Agriculture and Forestry

Chair: Tom Boivin

Brief introduction of the afternoon program and tie-in with the morning forum.

Environmental Impact Assessment and Forest Management in Canada: Current and Future Relationships

Peter Duinker

Squaring the Circle: Assessing the Potential of Biomass in Rural Scotland

Barbara Illsley, Bill Lynch, Suzanne McAdam

National Environmental Policy Act (NEPA) Review of a Habitat Conservation Plan for 13 Aquatic and Terrestrial Species on Montana State Trust Lands

Pamela Gunther

A Canadian Perspective on EIA and Aquaculture Development

Mark Curtis, M. Husain Sadar, David Conley

PARKSVILLE

7.1 Electricity and Impact Assessment

Electricity and the Role of Impact Assessment

Co-Chairs: Luis E. Montañez-Cartaxo, Mary Beard Deming

Sponsored by Hydro-Québec & Société d'énergie de la Baie James (SEB)

and SNC-Lavalin Inc., Génivar Inc., Nove Environnement Inc., Tecsub Inc., Le Groupe S.M. International Inc., and Dessau-Soprin Inc.

A Comparative Study of Environmental Impact Assessment of Different Types of Hydropower Plants

Nader Najmi, Mohammad Reza Zarnekabi

How Many Wind Turbines Is a Region Able to Tolerate? Consideration Between Supporting Sustainability Objectives and the Assessment of Environmental Effects

Sabine Mayer

Experience with Applying Advanced Air Quality and Health Assessment Methods to Address Public and Agency Concerns about the Effects of Gas-Fired Power Generation on Vancouver Island

Wayne Edwards, R.G. Humphries

GALIANO

10.1 Capacity Building: Follow-up on the Marrakech Declaration

Co-chairs: Jean-Roger Mercier, Jaafar Boulejiouch, Peter Leonard

Indigenous Knowledge and Environmental Impact Assessment in Developing Countries: An African Example

Seth Appiah-Opoku

Evaluation de l'impact des eaux usées et industrielles sur le comportement économique et sanitaire de la communauté des Mzama.

Province de Settat. Maroc

Abdelali Laamari

Community-Based Impact Assessment Network for Eastern Africa: Training of Trainers Guide on Community Based Environmental Assessment and Sound Design for Small Scale Activities

Tito Joel Kodiaga

EIA Capacity Building in Africa - Trials, Successes and Errors

Arne Dalfelt

PORT HARDY

11.3 Impact Assessment of Infrastructure Projects

Chair: Malcolm Smith

Promoting Sustainable Infrastructure: Some Lessons Learned from Projects Supported by Infrastructure Canada

Keith Grady

Wind Turbines, Threatened Species and EIA - Can They Coexist?

Stewart Johnson

A Study of the Assessment of Open-Dumping Landfill for the Post-Closure Management

Hong Sang-Pyo

EIA: Industry and Energy Developments in Iceland

Holmfridur Sigurdottir

PAVILION D

12.1 Impact Assessment and NEPAD

Impact Assessment and NEPAD: Environment, Poverty and Development in Africa (Part I)

Chair: Jean-Philippe Waaub

Gouvernance environnementale: examen critique du NEPAD et des DSRP

Emmanuel Noubissié Ngankam

Le rôle de l'évaluation stratégique pour le NEPAD: enjeux et défis

Jean-Philippe Waaub

Le NEPAD et les conflits armés en république démocratique du Congo

Nicolas Shuku Onemba

Des exploitations minières liées aux problématiques environnementales aux programmes routiers, le rôle du WWF dans deux domaines figurant parmi les priorités du NEPAD
Lantosoa Ramarojaona

Liens entre la réduction de la pauvreté et la gestion de l'environnement en Afrique - les défis à relever à l'ACDI au niveau des politiques et les occasions à saisir
Jacqueline Bilodeau

PORT ALBERNI

15.3 IA and Transportation

Chair: Mary Ellen MacCallum

Recommendations for the Integration of Strategic Environmental Assessment in the Procedure of the German Federal Transport Infrastructure Plan
Wolfgang Wende

On the Monetary Valuation of Transport Related Environmental Impacts within a Strategic Level of Assessment
Elisabete Arsenio

Strategic Assessment of Biodiesel Growth
Eric Johnson

GULF ISLANDS A

20.1 New Methods in IA

New Methods for Impact Assessment and Other Technology Futures Analyses

Chair: Alan Porter

Discussants: Wil Thissen, Scott Cunningham

This panel/workshop will present some of the latest thinking and invite suggestions from the various IA perspectives on candidate methodologies and process management approaches.

JUNIOR B

24.3 Health Impact Assessment

Joint Workshop on HIA and SEA

Chair: Carlos Dora

Rapporteur: Decharut Sukkumnoed

Towards Integrated Impact Assessment
Ben Cave, Salim Vohra, Sean Nicholson

Towards Institutionalizing Policy Health Impact Assessment in Québec
Reiner Banken

Applying Health Impact Assessment to National Agricultural Policy: The Health Implications of the Common Agricultural Policy in a Country Joining the European Union in 2004

Karen Lock, Mojca Gabrijele, Marco Martuzzi, Peter Otorepec, Aileen Robertson, Ales Kuhar, Paul Wallace, Carlos Dora, Jozica Maucec Zakotnik

Moving A Step Forward: The Contribution of Strategic Environmental Assessment to the Development of Health Impact Assessment in Thailand

Suphakij Nuntavorakarn, Decharut Sukkumnoed

Presentation of the Programme on Health and Environment Linkages Initiatives
Coordinated by World Health Organization

JUNIOR CD

25.3 Strategic Environmental Assessment

SEA in the EU

Chair: Ralf Aschemann

Implementing the European SEA Directive in Planning: Today's Practice and Tomorrow's Integration

Lone Koemoev

Experiences from Norwegian and Nordic case Studies on SEA

Tor Lerstang, Arne Tesli

Impact Scoring and Aggregation

Paul Tomlinson

Assessment of the Impact of the Strategy of Infrastructure Development in the Opole Voivodeship Between 2003 and 2008 on the Environment as an Example of Meeting the Requirements of the "Strategic Directive" of the European Union

Ryszard Kowalczyk, Zdzislaw Stefaniak, Grzegorz Szymanski, Jacek Kichman

Testing an SEA Methodology in the Energy Sector - The Case of Waste Incineration

Mans Nilsson, Goran Finnveden

JUNIOR A

25.8 Strategic Environmental Assessment

SEA in Development Co-operation

Chair: Jean-Pierre Pelletier

Sponsored by Dessau-Soprin Inc.

The Strategic Environmental Assessment Process - A Case Study of Jamaica

Elizabeth Emanuel, Jean-Pierre Pelletier

SEA in Land Use Planning - Comparing Application in Canada and Trinidad

Don McKinnon

Strategic Environmental Assessment of a Large Rural Development Programme in Ethiopia

Bernt Rydgren, Yohannes Afework

Sectoral Environmental Assessment in Mexico: A Methodological Approach

Julietta Pisanty-Levy

Strategic Environmental Assessment in Korea

Kim Myungjin

BURRARD

28.3 Environmental Legislation, Policies and Institutions and Impact Assessment

Implementation at the Municipal Level

Co-Chairs: José-Luis Salazar-Mañez, Nightingale Rukuba-Ngaiza, Susan Waters

Mitigation: Paper Promises or Actual Practice?

Alan Bond

Influence of the Environmental Impact Assessment Process of Infrastructure Projects in the Conservation and Study of Cultural and Historical Heritage in Spain from 1990 to 2003
Rosa M. Arce-Ruiz

VANCOUVER

29.1 Public Participation

Public Participation in Canada I (N = 5)

Chair: Des Connor

Sponsored by Vancouver International Airport Authority

Better Stakeholder Involvement Through Multi-Attribute Decision Analysis
Andrew Thrift

After the Project Approval - How to Involve Your Community, Stakeholders and the Public
Anne Murray, Simon Robinson

WIN-WIN-WIN: Three Cases Show the "Magic" of Good Consultation
Lee Doran

Randle Reef Sediment Remediation: Engaging Public Participation
Sheila Allan, John Shaw

EIA and Impact Benefit Agreements: Creative Tension or Conflict?
John Donihee, Heidi Klein, Gordon Stewart

GRANVILLE

30.3 Social Impact Assessment

Social Impact Assessment

Chair: Jose Manuel Palma-Oliveira

The Guidelines Project
C.P. Wolf

The Canadian Connection
C. P. Wolf

Psycho-Social Monitoring of an Industrial Activity
José Manuel Palma-Oliveira

Psychological and Physical Determinants of Noise Annoyance: The Interaction Between Car and Train
José Manuel Palma-Oliveira

The First SIA of a Development Project on Ainu
Masami Iwasaki-Goodman

BELUGA

32.1 Incorporating Weather and Climate Forecasts into Energy Production and Management: Economic Benefits, Impact Assessments and Power Industry Applications

Chair: Mary G. Altalo

Climate Change Impacts on Electric and Natural Gas Utility Asset Operations and Costs
Todd D. Davis, Mary G. Altalo

Economic Impacts of Improved Hourly Temperature Forecasts for Electricity Generators
Lorna A. Greening, Dennis Gausshell, Todd Davis

Leveraging the Information in Ensemble Weather Forecasts for More Reliable Renewable Energy Generation
L. A. Smith, J. Broecker, D. Kilminster, L. Clarke

Tuesday 27th April
15.30 - 17.00

FINBACK

1.2 Achieving Sustainability

Approaches to Sustainability Assessment (2)

Co-Chairs: J. Ashley Nixon, Monique de Wit

Integrated Approaches to Sustainability Assessment

William J. Varey

Technology Assessment: A Framework for Combination of Tools

Getachew Assefa

From Cost to Benefit: Can Sustainability Breathe New Life into Impact Assessment?

Lee Doran

Measuring Sustainable Production

David Burdick

PORT McNEILL

3.3 Impact Assessment and the Oil and Gas Industry

Social Impact Assessment and Lessons Learned II

Chair: Todd Zimmerling

Sponsored by Gartner Lee Limited and RWDI West Inc.

Social Impact Assessment in the Mahakam Delta

Anne Morillon, Philippe Lafay

Lessons Learned from the Environmental and Social Impact Assessment and Mitigation Process for the Baku-Tbilisi-Ceyhan (BTC) Oil Pipeline between the Caspian and Mediterranean Seas

Edward Pollett, Patricia Miller, Shawn Miller

A Comparative Analysis of Environmental Impact Assessment of Coal Bed Methane (CBM) and Steam-Assisted Gravity Drainage (SAGD)

Clint Smyth

JUNIOR A

4.1 International Finance

International Finance

Co-Chairs: Glen Anderson, Peter Neame, Greg Radford

Sponsored by International Finance Corporation and Export Development Canada

IA and Export Credit

Greg Radford

Impact Assessment and International Finance

Peter Neame

Using IA as an Environmental Risk

C.R. Heydenreich

GULF ISLANDS BC

6.2 Fisheries, Agriculture and Forestry

Chair: Peter Duinker

Application of Risk Assessment Principles to the Assessment of Impacts on Fish Health from Oil Sands Development: How Safe Is Safe Enough?

Stella Swanson, Geetha Ramesh

Fisheries and Environmental Issues Related to Mini-Hydro Developments in the Mekong River Basin, Lao PDR

Thomas Boivin, Amnat Prommasutra, William Harland, Garth Taylor

Compliance with Fisheries Act Section 35 (2)

Authorisations: A Field Audit of Habitat Compensation Projects in Canada

Jason Quigley

Effectiveness of Fish Habitat Compensation in Canada in Achieving No Net Loss

Jason Quigley

Wrap-up discussion for reporting

PARKSVILLE

7.2 Electricity and Environmental Assessment

Electricity and the Role of Impact Assessment

Co-Chairs: Luis E. Montañez-Cartaxo, Mary Beard Deming

Sponsored by Hydro-Québec & Société d'énergie de la Baie James (SEBJ)

and SNC-Lavalin Inc., Génivar Inc., Nove Environnement Inc., Tecslut Inc., Le Groupe S.M. International Inc., and Dessau-Soprin Inc.

Challenges and Approaches in Environmental Impact Assessments: Wind Turbines and Migratory Birds

Andrew Robinson

Integrating Climate Change Considerations into Environmental Assessments of Hydro-Electric Power Projects in Eastern and Northern Canada

Bhawan Singh

Achieving Ecological Sustainability in the Environmental Assessment Review of Run-Of-River Hydropower Projects in British Columbia, Canada

Berni R. Claus

Developing a Siting Application for Electric Transmission Facilities: Data, Display, Decisions and Documentation

Mary Beard Deming, David Hawkins

PAVILION D

12.2 Impact Assessment and NEPAD

Impact Assessment and NEPAD: Environment, Poverty and Development in Africa (part II)

Chair: Jean-Philippe Waaub

A Review Package

Luke Sandham

Protection of the Cultural and Ecological Heritage - Seismic Acquisition in the Murzuq Desert in Libya

Jacques Miné, Jean-Claude Ringenbach, Francis Clément, Olivier Wattez

La destruction des écosystèmes forestiers de la province du Bas-Congo (République Démocratique du Congo)

Nicolas Shuku Onemba

L'impact de la production de charbon de bois dans la commune de Lemba (RDC)

Nicolas Shuku Onemba

Rôle des populations locales dans la gestion durable des ressources forestières : stratégie pour leur implication

Célestine Mengue

Capacity Building Project for Public Participation

Peter Croal

GALIANO

14.3 Impact Assessment and Decision Making

Co-Chairs: Hans de Bruijn, Wil Thissen

Does HIA Have an Impact on Decision Making Processes?

Louise Nilunger, Matthias Wismar

Healthy Decisions

Marleen Bekker

The Visualization of Impact Assessment

Linda Carton

Challenges in the Use of Traditional Knowledge in EIA

Chris O'Neill

JUNIOR B

15.4 IA and Transportation

Chair: Mary Ellen MacCallum

Developments in EIA of National Highway Schemes in the UK

Amanda Chisholm, Dean Kerwick-Chrisp,

Highways Agency Environmental Performance: Above the Waterline

Dean Kerwick-Chrisp

Does Lithuanian Transport Policy Threaten Natural Habitats?

Ausra Svarpliene

Implementation of the European SEA Directive for English Transport Plans

Monica Fundingsland, Christopher Wood

AZURE

16.1 Voluntary Environmental Initiatives—Industry Achievements

Industry and CIPEC: Making Progress in Achieving Kyoto Objectives

Chair: Betty Hansen

Industry and CIPEC: Making Progress in Achieving Kyoto Objectives

Philip Jago

CIPEC, Climate Change and the Forest Products Industry

Paul Lansbergen

Unilever, CIPEC and NRCan: Team Achievements, Education and Public Participation in Reducing Energy Use

Doug Dittburner

PORT ALBERNI

19.1 Impact Assessment Follow-Up

Session 1: Theory to Practice

Co-Chairs: Jill Baker, Angus Morrison-Saunders, Jos Arts

Exploring the Dimensions of EIA Follow-up

Angus Morrison-Saunders, Jos Arts

Environmental Follow-up and Monitoring at Canada's National Energy Board

Chris Finley, Alison Farrand, Mieke Vander Valk

Towards Increasing the Utility of Follow-up in Canadian EIA

Keith Storey, Bram Noble

A Model of Social Impact Assessment Follow-up for Local and Regional Sustainable Development

Christiane Gagnon

SEA Follow-up: Which Way?

Maria Rosário Partidario

PORT HARDY

23.1 Environmental Management Systems

Chair: Debra Zanewich

Integrating Impact Assessment and Environmental Management: The Vancouver International Airport Authority Experience

Simon Robinson, Anne Murray

Environmental Management Planning in EIAs for New Industrial Estate Projects in England

Paul Slinn

Integrated Environmental, Social and Health and Safety Management Systems as a Complement to the ESIA Process

Peter Neame, Nicolas Flanders

Pollution Prevention Success Stories at Tinker Air Force Base, Oklahoma

Freddie Hall

BURRARD

24.4 Health Impact Assessment

HIA Evaluation

Chair: Roy Kwiatkowski

Rapporteur: Suphakij Nuntavorakarn

What Can the HIA Field Learn from Evaluation Activity in Other Impact Assessment Areas?

Lorraine Taylor, Robert Quigley

Criteria for Evaluating the Quality of Health Impact Assessments

Jayne Parry, John Kemm, John Devlin, Margaret Douglas, Rainer Fehr, Juhani Letho, Karen Lock, Mark McCarthy, Paul Marshall, Louise Nilunger, Sandra Nutley, Alex Scott-Samuel, Mathias Wismar

Improving Practice in Impact Assessment - Additional Findings from the Learning from Practice Style

Robert Quigley, Lorraine Taylor

Building Capacity for Health Impact Assessment in Europe

Marco Martuzzi

JUNIOR CD

25.4 Strategic Environmental Assessment

SEA in the EU

Chair: Ralf Aschemann

SEA and Hydrological Planning: Two Synergetic European Directives

Natalia Gullon

Implementing the European SEA Directive in Germany - Between "Do-Minimum" and "(Pro-) Active Initiatives"

Holger Dalkmann

The European SEA Directive: Changes in Spatial and Land Use Planning in Germany

Thomas B. Fischer

The Use of Principles, Criteria and Indicators in Relation to Strategic Environmental Assessment of Land-Use Plans

Ingrid Belcakova

Implementation of the SEA Directive in England

Emma James

GRANVILLE

25.7 Strategic Environmental Assessment

Introducing New SEA Systems

Chair: Jiri Dusik

Redesigning the Environmental Assessment System in Korea

Young-Il Song, Hyun-Woo Lee, Young-Joon Lee, Young-Joon Joo, Joon-Gyu Choi, Sang-Wook Han

SEA and Saemangeum Reclamation Project

Sang Hoon Lee, Im Soon Kim, Sang Wook Han, Yoon Shin Kim

Strategic Environmental Assessment: Needs and Opportunities in Mexico

Juan R. Palerm

Strategic Environmental Assessment and State Ecological Expertise: Combining Incompatible?

Leyli Bektashi

Strategic Assessment of Deepwater Oil and Gas Development in Nigeria

C.P. Wolf

GRAND AB

28.4 Environmental Legislation, Policies and Institutions and Impact Assessment

Implementation and Reform

Co-Chairs: José-Luis Salazar-Máñez, Nightingale Rukuba-Ngaiza, Susan Waters

Revisioning the Place of Public Participation in Environmental Assessment Law

John Sinclair

Legal Issues Relating to Impact Assessment Processes and Decisions—The Canadian Experience

Bradley Armstrong

Practical Implementation of Environmental Legislation in a First/Third World Country

Francois Friend

Common Mistakes in Environmental Impact Assessment and How to Avoid Them

Ron Bass

VANCOUVER

29.2 Public Participation

Public Participation - International Context

Chair: Des Connor

Sponsored by Vancouver International Airport Authority

Integrating Inequalities into Health EIA

Ben Cave, Salim Vohra (UK)

EIA as a Consensus Building Tool: The Hidden Contribution of EIA to Industry

Einhua Gonzalez

Enhanced Public Participation in EIA Process in Nepal

Batu Uprety

EIA System and Practice of Public Participation in the Russian Federation

Nicole Kovalev

Crossing Borders, Lessons Learned: A Case Study on Public Participation in a Transboundary Context

Roel Nijsten, Astrid Paulussen

BELUGA

32.2 Incorporating Weather and Climate Forecasts into Energy Production and Management: Economic Benefits, Impact Assessments and Power Industry Applications

Chair: Mary G. Altalo

Climate Forecasts for the Energy Industry: Moving Beyond Weather

David Pierce, Eric Alfaro, Tim Barnett, Alexander Gershunov, Anne Steinemann

The Impact Enhanced Weather Data and Assessment on the Risk Profile of the Energy Industry

Monica Hale, Mary G. Altalo

Mainstreaming Environmental Forecast Information into Management Decision Tools in the Power Industry

Mary G. Altalo, Monica Hale

**Wednesday 28th April
10.30-12.00**

FINBACK

1.3 Achieving Sustainability

Impact Assessment Systems and Sustainability

Co-Chairs: J. Ashley Nixon, John Curry

Achieving Sustainability Through Australia's New Impact Assessment Regime

Gerard Early

Status of Strategic Environmental Assessment (SEA) Practice in South Africa

Francois Retief, Nigel Rossouw, Carys Jones, Stephen Jay

Exchanging Alphabet Soup for a Map and a Compass: Pathways to Policies and Programmes for Sustainable Development

Martin Ward, Alison Dalziel

Integrated Impact Assessment for Achieving Sustainable Development

Pierre Légaré, Yogesh Vyas, Manon Circé

ORCA

2.2 Impact Assessment of International Trade

Country Studies and Capacity Building Initiatives in Impact Assessment of Trade

Chair: Eric Dannenmeier

Objective: The session will explore the interests and specific needs of developing countries with regard to designing and implementing appropriate national processes for impact assessment of trade.

Presenters/discussants:

Scott Vaughan (Director, Unit for Sustainable Development and Environment, Organization of American States) to discuss the OAS-Inter-American Forum on Environmental Law (FIDA)

program to produce National Environmental Assessments of trade agreements, and highlighting recent studies undertaken in Brazil and Argentina.

Hussein Abaza (Chief, Economics and Trade Branch, United Nations Environment Programme), to outline UNEP's capacity building efforts for integrated assessment of trade.

Evelyn Bermudez (Project Manager, Sustainability Impact Assessments, World Wide Fund for Nature-WWF) to provide comments on the WWF work in the EU, the Philippines and Brazil.

Marie-Isabelle Pellan (Legal Affairs Officer, Trade and Environment Division, World Trade Organization) to provide information on discussions in the Committee on Trade and Environment at the WTO on the Doha Declaration (B51) regarding the issue of sustainable development in the context of the ongoing negotiations.

L. Y. Tsai, (Section Chief, Environmental Protection Agency, Chinese Taipei) to comment on a forthcoming APEC Seminar "The Environmental Impact Analysis of Trade Liberalization Measures-Methodology and Case Studies" to be held in Chinese Taipei in early July 2004.

PORT McNEILL

3.4 Impact Assessment and the Oil and Gas Industry

Advances in Impact Assessment Process I

Chair: Kathy Preston

Sponsored by Gartner Lee Limited and RWDI West Inc.

Using Environmental Assessment to Understand and Manage the Effects of Oil Sands Development in Northern Alberta
Laury North

Constraints Mapping at a SAGD Facility in the Oil Sands Region of Northern Alberta
Kym Fawcett, Ian Gilchrist, Michael Burt

How HIA is Done in Shell's Business
Martin Birley

Cameroon's Oil and Gas Industry: Controlling Project Environmental Performance Beyond EIA
Michael Burns

GULF ISLANDS A

5.2 Voluntary Environmental Initiatives

Voluntary Environmental Initiatives

Chair: John Dauvergne

Using Life-Cycle Impact Assessment to Assess Environmental Performance in the Electricity Sector: Case Studies in Canada and the U.S.
Stanley Rhodes

The Electricity Sector: Environmental Commitment and Responsibility
Valerie Snow

GRAND AB

8.3 Biodiversity and Impact Assessment

Biodiversity and Impact Assessment: Strengthening Biodiversity Conservation

Chair: Helen Byron

Strengthening Biodiversity Conservation Through Community Development Projects
Asha Rajvanshi

Evaluation de la qualite du reseau hydrographique de la region de Meknes (Maroc)
M'hamed Khaïfou

Update on the Capacity Building in Biodiversity and Impact Assessment (CBBIA) project
Leader: Jo Treweek

GRANVILLE

14.4 Impact Assessment and Decision Making

Co-Chairs: Hans de Bruijn and Wil Thissen

Towards Guidelines for Analytic Support in Multi-Actor Situations
Wil Thissen

Adapting IA to the Nature of the Decision Process
Bobbi Schijf

Policy Inquiry Through Impact Assessment: Insights from Policy Analysis
Tabatha Wallington

EIA Made in the North
Martin Haefele

GALIANO

18.3 Cumulative Effects Assessment

Co-chairs: Roger Creasey, Lisa Fischer

Sponsored by AXYS Environmental Consulting Ltd.

Cumulative Effects Assessments for Private Sector Projects
M. Athie

Cultural Cumulative Impact Assessment in Canada's Far North
A. Ehrlich and S. Sian

Bridging the Gap: The Role of Cumulative Effects Assessment in Strategic Environmental Assessment and Planning
J. Dixon, T. Jackson

Emerging Issues in Environmental Assessment of Wind Energy Facilities
A. Lineham

PORT ALBERNI

19.2 Impact Assessment Follow-up Theory to Practice & Techniques

Co-chairs: Jill Baker, Angus Morrison-Saunders, Jos Arts

EIA Follow-up Procedures in Turkey: Current Situation and Future Outlook
Ali Albayrak, Omer Soylu and Mustafa Aytaç

Rigor of EIA Review and Its Implications on Predicting and Monitoring Impacts in Turkey
Sherwin Shih and Petr Komers

"Going Dutch"

Jos Arts

The Role of Project Inspection in the Impact Assessment Follow-up and Monitoring Process. A Case Study of the World Bank Inspection Panel and the Chad Cameroon Oilfield and Pipeline Project.

Miles Scott-Brown, Alberta Ninio, Elliot Fratkin

Integrated Impact Monitoring for Industrial Area: Kerteh Malaysia
Nuraini Hambali

Proposed Community Based Monitoring of Aquatic and Terrestrial Resources in the Oil Sands Region, Northeastern Alberta for the Mikisew Cree First Nation Development Intervention
Joseph Wells, Lori Brewer Lawe

PORT HARDY

23.2 Environmental Management Systems

Chair: John Foster

Industrial Responses to the Cleaner Production Program in Jiangsu Province, China
Hongyan H. Oliver, Leonard Ortolano

How Green is the Scottish Economy? Is there a link between a lack of environmental management systems and a presence within the renewables sector?
Bill Lynch, Suzanne McAdam

Environmental Management Tools to Improve Theory and Practice
Dixon Thompson

Methods for the Implementation of Total Water Pollution Management (TWPM) in Chungnam Province, Korea
Jong-Gwan Jung, Sang-Jin Yi

BURRARD

24.5 Health Impact Assessment

The Workshop on "Developing HIA Evaluation Framework"

Chair: Lorraine Taylor

Rapporteur: Alan Bond

Developing a Framework for Evaluating Health Impact Assessment
Lorraine Taylor, Marleen Bekker, Robert Quigley

Followed by discussion

PARKSVILLE

25.5 Strategic Environmental Assessment

SEA theory

Chair: Olivia Bina

Reflection on the Evolution of SEA
Olivia Bina

Different Meanings of Strategic Environmental Management
Aleg Cherp

The SEA Effectiveness Criteria and Principles in Italy
Paola Gazzola

The Converging Evolution of Land-Use Planning and Strategic Environmental Assessment

Richard Hill, Richard Fuggle

Is SEA the Answer to Environmental Degradation in Developing Countries?

Ahmad Saeed

JUNIOR CD

25.9 Strategic Environmental Assessment

The Search for Sustainability Appraisal - Recent Progress and Future Prospects

Chair: Martin Ward

This session will review a survey of the field recently undertaken by IIED and incorporating the results of several round tables.

The focus at IAIA will be on an interactive discussion, which will emphasize the role of SEA as an entry point to SA, asking what we can gain from moving toward a more integrated approach and what we might lose in terms of safeguards for the environment. This debate also picks up on work being done by the OECD DAC Task Group.

JUNIOR B

26.3 Urban Impact Assessment

Urban Infrastructure and EIA

Chair: Markus Eggenberger

Les effets structurants et impacts d'infrastructures routières sur la morphologie urbaine et les paysages : le cas des entrées routières à l'île de Montréal

Michel Gariepy

Environment and Solid Waste Management in Lagos, Nigeria

Abraham Adesina Adeyemi

Urban Planning and Co-Existence in Sweden Or - Who Came First - The Plant or the Village?

Kerstin Larsson

BELUGA

27.1 Impact Assessment of Disasters, Accidents and Conflicts

Crisis Management and Impact Assessment: Is there common ground?

Co-Chairs: Charles Kelly, Martin Petersen, Michel A. Bouchard

Your Assessment of My Needs

Charles Kelly

Boundaries of Peace and the Challenge of Impact

Peter Offu

From Refugees to Regulations

Martin Petersen

Discussion on "Crisis Management and Impact Assessment: Is There Common Ground?"

VANCOUVER

29.3 Public Participation

Toward Guidelines for Public Participation Best Practices Principles

Co-Chairs: Pierre André, Bert Enserink

Sponsored by Vancouver International Airport Authority

This interactive session will review and make suggestions about a draft of the brief PP Best Practices document developed after input from the participants at IAIA'03 (Marrakech); it includes Basic, Operating and Developmental Principles. This initiative was undertaken at the request of the IAIA Council, since PP is an integral part of EA; a revised version will be provided to the Council for its approval.

Authors: Pierre André, Université de Montréal; Bert Enserink, Delft University of Technology; Des Connor, Connor Development Services Ltd.; Peter Croal, Southern African Institute for Environmental Assessment

AZURE

33.1 Climate Change and Impact Assessment

Chair: Miles Scott-Brown

Incorporating Climate Change Considerations in Environmental Assessments

Steve Burgess

Addressing Climate Change and Its Uncertainties in Impact Assessments

Phillip H. Byer, Julian Scott Yeomans

Incorporation of Adaptation to Climate Change into the EIA Process: Application of a Practitioner's Guide in the Developed and Developing World

Norval Collins, Jean-Roger Mercier, Alan Bell, Robert Young

JUNIOR A

34.1 Impact Assessment and the Mining Industry

Impact Assessment and the Mining Industry

Co-Chairs: Luis Sánchez, Susan Ross, Alonso Zarzar

Improving EIA Process in Developing Countries: Case Study of the Peru Mining Industry

W. Holden, P. García, D. Thompson

SIA and the Mining Industry: Evolving Expectations

J. Hamilton, R. Barsi

The Value of Early Social Assessment in Mining

S. Joyce, I. Thompson

Community-Based Remediation of Environmental Liabilities in Bolivian Small-Scale Mines

E. Monosowski, L. Sánchez, J. Torrez

Mining Development Projects and the Environment in the African Experience

E. H. Shannon

GULF ISLANDS BC

36.1 Strategy for Building Capacity in Environmental Assessment and Management in Africa

Chair: Peter Tarr

Africa's EA&M Capacity Building Strategy: An Overview

Abdulrahman Issa

Vision for CLEIAA and the Sub-Regional Nodes as the Preferred Institutional Approach

Peter Acquah

Project Proposals - An Overview of Priority Activities for Which Support Is Being Sought

Peter Tarr

World Bank Involvement in EA&M Capacity Building in Africa - Reflection on Current and Possible Future Involvement

John Boyle

USAID Involvement in EA&M Capacity Building in Africa - Reflection on Current and Possible Future Involvement

Walter Knausenberger, David Kinyua

Discussion and conclusion

**Wednesday 28th April
13.30 - 15.00**

FINBACK

1.4 Achieving Sustainability

Application of Sustainability Assessment in Port, Water, Forestry and International Recreation Developments

Co-Chairs: J. Ashley Nixon, Tisha Greyling

Facilitating Sustainable Development in Developing Countries Through Improving Linkages Between Environmental Assessment and Management Tools: A Case Study from the Coega Industrial Development Zone and Port, South Africa

Paul Lochner, Frauke Munster, Stuart Heather-Clark

Incorporating Sustainability into Environmental Impact Assessment: A Case Study of the Vancouver 2010 Olympic and Paralympic Winter Games

Timothy J. Bekhuys, George McKay

"If You Cut the Forest, We Will Die of Thirst": How Community EIA Made a Difference in Kenya

Harry Spaling

Evaluation of Forestry Programs and Policies in Mexico: The Experience of the National Forest Commission

Luis Miguel Casas de la Peña, Verónica Eguarte López, Javier Vergara Blanco

ORCA

2.3 Impact Assessment of International Trade

Impact Assessment of Trade Liberalization and Multilateral Environmental Agreements

Chair: Clive George

Objective: The session will examine how impact assessment of trade and multilateral environmental agreements (MEAs) can be mutually supportive.

Presenters/discussants:

Hussein Abaza (Chief, Economics and Trade Branch, United Nations Environment Programme)

reporting on the outcome of the March 2004 UNEP meeting in Korea to examine the relationship between multilateral environmental agreements (MEAs) and integrated assessment of trade.

Karel Mayrand (Director of Research, Unisféra International Centre) to present paper: "The Doha Agenda on Agriculture: Assessing Potential Impacts on the United Nations Convention to Combat Desertification (UNCCD) Implementation."

Robert Höft (Program Officer, Secretariat of the Convention on Biological Diversity) to provide an overview of recent work to explore linkages between impact assessment of trade and biological diversity.

PORT McNEILL

3.5 Impact Assessment and the Oil and Gas Industry

Regional Strategic Environmental Assessment

Chair: Todd Zimmerling

Sponsored by Gartner Lee Limited and RWDI West Inc.

Strategic and Regional Environmental Impact Assessment for Norwegian Petroleum Development Projects Offshore

Sigurd Juel Kinn

Applying a Regional Strategic Environmental Assessment Approach to the Management of Offshore Oil and Gas Development

Celesa L. Horvath, Jeffrey L. Barnes

Strategic Environmental Assessment of Oil and Gas Exploration Activities in the Newfoundland and Labrador Offshore Areas

Kim Coady

Community Participation in the EIA Process of Oil and Gas Development in the Nigerian Delta: Case Studies of Development Projects in Bonny Island

Edward Tamunosiminikarama Bristol-Alagbariya

PAVILION D

7.3 Electricity and Environmental Assessment

Electricity and the Role of Impact Assessment

Chair: Réal Courcelles

Sponsored by Hydro-Québec & Société d'énergie de la Baie James (SEBI)

and SNC-Lavalin Inc., Génivar Inc., Nove Environnement Inc., Tecult Inc., Le Groupe S.M. International Inc., and Dessau-Soprin Inc.

The State of Current Practice of Environmental Impact Studies: The Case of Small Scale HydroPower Projects

Paulo Pinho

The Writing of EIS for Electric Projects in Mexico

Luis E. Montañez-Cartaxo

Coursier Dam Decommissioning and Environmental Restoration

Carol Lamont

Environmental Product Declaration - A Corporate Communication Tool

Bernt Rydgren

A Significance of Strategic Environmental Assessment for Dam Construction in Korea

Sang-Don Lee, Seung-Hoon Chun

JUNIOR B

8.4 Biodiversity and Impact Assessment

Biodiversity and Impact Assessment: Practice

Chair: Bernt Rydgren

Biodiversity Assessment in the Oil Sands Region, North-Eastern Alberta

Mark Sherrington

Use of Offshore Wind Energy in the German North and Baltic Sea - Climate Protection Versus Biodiversity?

Johann Koppel, Alexandra Langenheld

Biodiversity and EIA for Road and Railway Projects: A Review in European Union Countries

Mikael Gontier

How are Impacts on Biodiversity Analysed in EIA in Sweden?

Antoinette Oscarsson, Cecilia Kjellander, Johnny de Jong

GULF ISLANDS BC

10.2 Capacity Building: Follow-up on the Marrakech

Capacity Building: Follow-up on the Marrakech Declaration

Co-Chairs: Jean-Roger Mercier, Jaafar Boulejlouch, Peter Leonard

Environmental Assessment Institutional Capacity Building in Infrastructure Projects Public Policy to Stimulate Private Investment: Review of Good Implementation Cases

Gediz Kaya, Jean-Roger Mercier, Ede Jorge Ijjasz-Vasquez

Environmental Assessment Capacity Building - EA Tool Kit

Susan M. Carlick

SEA and the Ghana Poverty Reduction Strategy

Peter Nelson

Discussion of papers and development of the Marrakech Action Plan

JUNIOR CD

13.1 Corporate Social Responsibility

Corporate Social Responsibility

Chair: Christiane Gagnon

Triple Bottom Line Reporting by Indigenous Business Enterprises

Siva Ram Vemuri

Impact Assessment and Corporate Social Responsibility: A Comparative Case Study Review of Oil and Gas Industry in Casanare, Colombia and Niger Delta, Nigeria

Adeyemi Ademola Egbeleke

Screening for Corporate Social Responsibility (CSR)

Issues in Due Diligence

Karen Clarke-Whistler

PORT ALBERNI

19.3 Impact Assessment Follow-up

Case Studies and Outcomes

Co-Chairs: Jill Baker, Angus Morrison-Saunders, Jos Arts

On the Successful Implementation of Mitigation Measures: Lessons From a Case Study

Luis Enrique Sánchez, Amarilis Lúcia Castelli Figueiredo Gallardo

Analysis of the Follow-up Studies of Major Regional Transportation Projects

Reima Petajajarvi

Environmental Follow-up of Operation and Maintenance of Railway Infrastructure in Sweden and Some Other Countries

Kristina Lundberg

Northern Wood Preservers Site Sediment Remediation: EA Follow-up Program

Rob Dobos, Roger Santiago

The Development of an Integrated Mitigation Program for the Protection of the Osprey within the Low-level Training Program in Goose Bay, Labrador

Louis LaPierre

PORT HARDY

23.3 Environmental Management Systems

Chair: Debra Zanewich

Mining and EMS

John Foster

Computer Modeling of Air Quality Impacts Released from an Industrial Wastewater Treatment Plant

Freddie Hall

Pollution Prevention Initiatives at an Industrial Wastewater Treatment Plant

Freddie Hall

Aiding the Environment: Does AusAID's EMS Help to Green the Aid Industry?

Meg Keen, Marjorie Sullivan

BURRAD

24.6 Health Impact Assessment

Workshop on "Improving Access to Robust Evidence for HIA"

Chair: Jennifer Mindell

Rapporteur: Marleen Bekker

Improving Access to Robust Evidence for Health Impact Assessment

Jennifer Mindell, Michael Joffe, Sarah Curtis, Annette Boaz, Karen Lock, Jane Biddulph

Followed by discussion of the content, format and presentations of guidelines for conducting systematic and rapid reviews of evidence for use in HIA.

GRANVILLE

24.7 Health Impact Assessment

HIA Instruments and Techniques

Chair: Mark McCarthy

Rapporteur: Robert Rattle

Food Issues in Environmental Impact Assessments

Gordon Boulton

Health Risk Assessment at an Industrial Wastewater Treatment Plant

Freddie Hall

Why Standardized Risk Assessment Guidance within a Health Impact Assessment is Essential to Effective Environmental Stewardship of Federal Contaminated Sites in Canada

Mark Richardson, Sanya Petrovic, Jacinthe David

Integrated Pollution Prevention and Control (IPPC): An Insight into the Experience of Health Authorities in the Northern and Yorkshire Area of the North East of England

Balsam Ahmad, Shelley Lanser, Tanja Pless-Mulloli, Catherine Vizard

Assessment of Health Impact on Samut Songkram Province: The Case Study of Project Diverting Water from Mae Klong River (Phase 1)

Sanchai Sutipanwihan

Transboundary Winter Fog in Pakistan: Can EIA Play a Role in Controlling Transboundary Pollution?

Ahmad Saeed

PARKSVILLE

25.6 Strategic Environmental Assessment

SEA and the Private Sector

Chair: Ross Marshall

Developing Sustainable Development Indicators for the Electric Utility Industry

Cory Searcy, Daryl McCartney, Stanislav Karapetrovic

How Has SEA Affected Canadian Agricultural Policies?

Ian Campbell

Strategic Environmental Assessment Benefits to Industry: A Case Study of Integrated SEA in Saskatchewan's Forestry Sector

Bram Noble

Demonstrating the Added Value of a Strategic Approach to Environmental and Sustainability Assessment

Johanna Curran

Designing SEA to Fit its Context: The Case of Privatised Electricity Companies

Steven Jay

GALIANO

25.10 Strategic Environmental Assessment

Integration of SEA and Decision Making

Co-Chairs: Lone Koemoev, Wil Thissen, Lex Brown

Background Statement for Session

Lex Brown

An Investigation of the Relationship Between the Higher Decision-Making Processes and the Strategic Environmental Assessment (SEA) in the United Kingdom

Sangsoo Mun

VANCOUVER

29.4 Public Participation

Public Participation in Japan (N = 5)

Chair: Des Connor

Sponsored by Vancouver International Airport Authority

Creating More Advanced Environmental Guidelines of the Japan International Cooperation Agency (JICA)

Sachihiko Harashina

An Experimental Study on the Multigenerational Workshop for Sustainable Society

Shigeo Nishikizawa, Katsuyoshi Tanaka, Sachihiko Harashina

Public Participation for Restoration of the Sanbanze Tidal Flat - Outcome of the Biggest Roundtable in Japan

Hidefumi Kurasaka

SEA Approach for Consensus Building of Regional Waste Management - A Case Study in Nagano Prefecture, Japan

Sachihiko Harashina

The Canadian Environmental Assessment Act Registry Internet Site: Providing for More Meaningful Public Participation

James Mack

JUNIOR A

34.2 Impact Assessment and the Mining Industry

Impact Assessment and the Mining Industry

Co-Chairs: Luis Sánchez, Susan Ross, Alonso Zarzar

Managing Large Multidisciplinary, Multicultural EIAs

J. Chávez, J. Anderson, M. Raine, H. Burns

CEAA, A Challenge to Continual Improvement: One Industry's Experience

M. Wittrup, G. White

Achieving Regional Sustainability: The Evolution of Mine Closure Planning in the Saskatchewan Uranium Industry

R. Barsi, J. Harrell, G. Misfeldt, B. Pollock

Impact Assessments and Sustainable Development in Canadian Uranium Mining

R. Vance

EA Process in the NWT under the Mackenzie Valley Resource Management Act (MVRMA): A Case History, De Beers Canada Mining Inc. Snap Lake Diamond Project

G. Fratton, M. Stephen, A. Ehrlich

BELUGA

35.2 Welcome to IAIA

Chair: Rita Hamm, IAIA CEO

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

**Wednesday 28th April
15.30-17.00**

FINBACK

1.5 Achieving Sustainability

Quality and Capacity Considerations in Sustainability Assessment

Co-Chairs: J. Ashley Nixon, Brenda Kenny

Partnering to Success: Achieving Optimisation Through Appropriateness

Ben Witchalls

Large Scale and Long Term Impacts: Practical Lessons from Big Projects

Conor Skehan

The EIA Process: A Challenge to Decision Making Engineers

Luis E. Montañez-Cartaxo

Rounding Up the Usual Suspects: Identifying Common Deficiencies in EIAs

Richard Grassetti

The Didactics of EIA

Stina Lundström, Inger Olausson

ORCA

2.4 Impact Assessment of International Trade

Public Consultation, Corporate Responsibility and Technical Analysis in Impact Assessments of Trade

Chair: William Kennedy

Objective: The session will explore the relationships between public consultation, corporate responsibility and technical analysis in impact assessments of international trade agreements, national trade policy and corporate trade policy.

Presenters/discussants:

Stella Bastida, (Consultant, Canadian Institute for Environmental Law and Policy (CIELAP)) to comment on the role of public participation in the impact assessment of trade process.

Colin Kirkpatrick (Professor of Development Economics, Institute for Development Policy and Management, University of Manchester) to comment on technical aspects of the assessment process.

Hernan Blanco (Researcher, Research and Resources for Sustainable Development, Chile) to comment on the role of NGOs in facilitating a balance between the need for public participation and technical analysis in the impact assessment of trade.

An industry representative to comment on the role of the private sector in the impact assessment of trade policy (to be confirmed).

PORT McNEILL

3.6 Impact Assessment and the Oil and Gas Industry

Advances in Impact Assessment Process II

Chair: Kathy Preston

Sponsored by Gartner Lee Limited and RWDI West Inc.

Fast-Track Environmental Assessment and Permitting in the Rocky Mountain West, USA

John Aronson, Bill Fowler

Cumulative Effects Assessment: Offshore Development Floating Platform

Don Sutherland, Kathy Penney

An Application of the Hydrologic Simulation Program Fortran (HSPF) Model to Two Water Quality Assessments in Large Scale Environmental Impact Assessments in Northeastern Alberta, Canada

Andrews Takyi, Ian Mackenzie, Benjamin Kampala

An Application of the Hydrologic Simulation Program Fortran (HSPF) Model to Two Large Scale Environmental Impact Assessments in Northeastern Alberta, Canada

Anil Beersing, Nathan Schmidt, Benjamin Kampala

PAVILION D

7.4 Electricity and Environmental Assessment

Electricity and the Role of Impact Assessment

Chair: Réal Courcelles

Sponsored by Hydro-Québec & Société d'énergie de la Baie James (SEBJ)

and SNC-Lavalin Inc., Génivar Inc., Nove Environnement Inc., Tecsult Inc., Le Groupe S.M. International Inc., and Dessau-Soprin Inc.

La prise en compte de préoccupations locales dans le cadre d'un projet d'envergure extra-territoriale: exemple du projet de liaison sous-marine entre le Maroc et l'Espagne
Jean-Luc Guilbault

Effective Social Impact Assessment Must Be Integrated into Environmental Impact Assessment System in Thailand - Lessons Learned from Hin Krut Coal-Fired Thermal Power Plant and Bo Nok Power Plant Projects
Chandhana Indhapanya

Review of presentation and discussion during the sessions
Luis E. Montañez-Cartaxo

Synthesis of the Electricity and Impact Assessment Sessions
Réal Courcelles, Peter Leonard

JUNIOR B

8.5 Biodiversity and Impact Assessment

IAIA Principles and Practices Series: Incorporation of Biodiversity Considerations in Impact Assessment

Chair: Helen Byron

Discussion session led by Roel Sloodweg to discuss principles and good practice for incorporation of biodiversity in impact assessment which will subsequently be developed into a publication for the IAIA Principles and Practice Series.

GULF ISLANDS BC

10.3 Capacity Building: Follow-up on the Marrakech Declaration

Co-Chairs: Jean-Roger Mercier, Jaafar Boulejouch, Peter Leonard

Discussion of papers and development of the Marrakech Action Plan

JUNIOR CD

13.2 Corporate Social Responsibility

Corporate Social Responsibility

Chair: Christiane Gagnon

Cultural Heritage? When EIA is Good Business
Ian Campbell, Arlene Fleming

Corporate Social Responsibility? The Case of Alcan and New Smelter Implementation
Christiane Gagnon, Marie-France Turcotte

Corporate Social and Environmental Responsibility
Piotr Mazurkiewicz, Charles Di Leva

GRANVILLE

14.5 Impact Assessment and Decision Making

Co-Chairs: Hans de Bruijn, Wil Thissen

Framework for Analysing Policy Integration
Mans Nilsson

US Army Corps of Engineers Planning Process, Impact Assessment Considerations, and Influence on Decision Making
Richard Fristik

Canadian Practice in Scoping of Environmental Assessments
David Estrin

Using Sound Science to Reach a Common-Sense Solution
Joanne Harkness

Assessing Opportunities for HIA Implementation
Lea den Broeder

PORT ALBERNI

19.4 Impact Assessment Follow-up

Case Studies and Procedures and Principles

Co-Chairs: Jill Baker, Angus Morrison-Saunders, Jos Arts

Lessons Learned from the Express Pipeline Project: The Perspective from the National Energy Board of Canada
Lesley Matthews

EA Follow-up in Ghana
Renee Afoom

Getting It Right the First Time: The Skorpion Zinc Project
Bryony Walmsley, Michele Kilbourn Louw

Normative Principles for EIA Follow-up: An Evaluation of the NWT Ekati Diamond Mines Project, Canada
Sarah Macharia, Bram Noble

The Principles of EIA Follow-Up
Ross Marshall, Jos Arts, Angus Morrison-Saunders

BURRARD

24.8 Health Impact Assessment

International HIA Principles and Practices

Chair: Carlos Dora

Rapporteur: Ben Cave

Discussion of the paper "The Values, Practice and Definition of Health Impact Assessment"
World Health Organization

PARKSVILLE

25.11 Strategic Environmental Assessment

Integration and Conclusions

Chair: Thomas Fischer

Applying Strategic Environmental Assessment to Land Use and Resource Management Plans in Scotland and New Zealand: A Comparison of Approaches

Tony Jackson, Jenny Dixon

Sustainability in the English Regions: Is Integrated Appraisal a Step in the Right Direction?

Sue Kidd, Thomas B. Fischer

Conclusions

VANCOUVER

29.5 Public Participation

Public Participation in Canada II

Chair: Pierre André

Sponsored by Vancouver International Airport Authority

Consultation Publique sur le Développement durable de la Production Porcine au Québec
Louise Boucher

Stakeholders Participation to EIA and Follow-up: A Source of Empowerment and Development for Local Community or Another Way to Negotiate Project Acceptance?
Gilles Côté

Multiple Methodologies Achieve Broad Spectrum Stakeholder Involvement
Richard Roberts

Increasing Citizen Involvement in Sustainability-Centred Environmental Assessment Follow-up
Carol Hunsberger, Richard Gibson, Susan Wismer

Effective Project-Based Consultation with First Nations
George Meadows

JUNIOR A

34.3 Impact Assessment and the Mining Industry

Impact Assessment and the Mining Industry

Co-Chairs: Luis Sánchez, Susan Ross, Alonso Zarzar

Environmental and Risk Assessment for the Expansion of Eurallumina Red Mud Basin in Sardinia (Italy)
R. Mezzalama, M. Fiore, V. Rosino

From Minimal Damage to Net Contribution: Mining's Seven Questions to Sustainability
R.A. Hodge, I. Thomson

Monitoring of the Social and Environmental Impacts of the Raglan Nickel Mine Project in Northern Quebec (Nunavik), Canada
R. Lanari, K. Harris-Lowe

Clarifying the Scope and Meaning of Integration, Impact Assessment and Sustainability Assessment
T. Hacking

Preparing for a Sustainable Mining Development: The Case of Mauritania
Y. Le Beau, K. Tabakh

A Comparative Analysis of the Environmental Impact Assessment Processes of Selected Bilateral and Multilateral Donor Agencies
Michael Gullo

EIA Follow-up: A Case of the Indian Open Cast Coal Mines
Urmila Jha (Thakur)

Integrated and Transparent Environmental Impact Assessment in Nunavut
Peter Wilson

Social Impact Assessment in Development Decisions
Rabel Burdge

Examining the Link Between EMSs and Environmental Performance: A Case Study of Riding Mountain National Park, Canada
Jackie Bronson, Bram Noble

A Quality and Effectiveness Review Protocol for Strategic Environmental Assessment (SEA) Practice in South Africa
François Retief, Carys Jones, Stephen Jay, Luke Sandham

Getting to Grips with SEA Good Practice -- Selected Experience with Methods and Procedure
Kichiro Hayashi, Barry Sadler, Paul Tomlinson, Rob Verheem, Jiri Dusik

Comparative Study on the EIA Between the Republic of Korea and China—In Case of Golf Courses
Young Han Kwon, Jaeyong Choi, Ick Cheol Jeong

Application of Groundwater Resources Investigation to Environmental Impact Assessment in Korea: Case Study on Tunnel and Landfill Construction Site
Jeongho Lee, Young Min Park, Young-Joon Lee, Hyun-Woo Lee, Chang-Sung Park

Assessment of NOx Concentration Changes at Kimpo Airport Using EDMs
Young-Kee Jang, Jung-Sik Cho, Ji-Hyung Hong

Environmental Assessment System for Housing Complex Development in Korea
Young Soo Lee, Young Min Park, Chang Suk Park, Wan Soo Kim, Jae Wook Kang, Jong Chun Park

EIA: Industry and Energy Developments in Iceland
Hólmfríður Sigurdardóttir, Sigurdur Ásbjörnsson

Impact and Benefit Agreements: Do the Ross River Dena Benefit from Mineral Projects?
Doris Dreyer

Regional Landsat Vegetation Mapping of the Oil Sands Region of Alberta, Canada
Austin Adams, Ian Gilchrist, Justin McPherson, Brian D.J. Wilson

The Role of Environmental Assessment in Project Planning, Design and Construction: Terasen's Fraser River Crossing Pipeline Replacement Project
Don Gamble, Christy Jones, Darren Brown

Toward an Interdisciplinary Assessment of Policies
Kirsten Oleson

EIA and the Antarctic Tourism Industry
Dianne Gee

Interactions Among Hydrologic Factors and Domestic and Urbanization Activities in the Patzcuaro Watershed, Mexico
Eduardo Rodríguez Trejo, Edmundo Ducoing Chaho, Patricia Ramírez Romero

The Use of the Environmental Breach for the Evaluation of Cumulative and Residual Impacts of the Oil Industry Activities in Mexico
Edmundo Ducoing Chaho, Beatriz Silva Torres, Patricia Ramírez Romero, Miguel Castillo González

The Environmental Breach: A Tool for the Evaluation of Cumulative and Residual Environmental Impacts
Edmundo Ducoing Chaho, Beatriz Silva Torres, Patricia Ramírez Romero, Miguel Castillo

Techniques for Efficient Implementation of Public Participation in Environmental Assessment
Monica Norejko

When Half a Metre Really Matters: Damming the Nile in Upper Egypt
James Ramsay

Defining Significance When Managing Environmental Impacts: A Case Study of the British Ministry of Defence
Wendy Benson, Graham Wood, Anne Miller

The Utilization of Geothermal Energy and Nature Conservation in Iceland
Olafur Arnason

Energy Intensive Industry and Electricity Production in Iceland -- Effects on Nature and Tourism
Sigurros Fridriksdottir

Outcomes of and Lessons Learned at the Information Session on Regional and Strategic EA
Friederike Kirstein, Barry Jeffrey

Health and Sustainability: Examining the Power of Health Impact Assessments Within Environmental Impact Statements
Kathryn E. Higgins

Environmental Assessment During Route Selection for Transmission Lines in Mexico
Fidencio León-Burgos, Francisco Hernández-Álvarez, Guillermo Zúñiga-Gutiérrez

An Impact Assessment: The Effects of Treated Mine Waste Water on Forest Invertebrates
Douglas Davidge, Nathalie Lowry, Benoit Godin

Preparing for a Sustainable Mining Development: The Case of Mauritania
Yolaine le Beau, Khattarould Tabkh

Notes

Planning Strategies: Future Sustainable Interactions between Environment and a Hydroelectric Project
Francisco Hernandez-Alvarez, Carlos Lecanda-Teran, Guillermo Zuniga-Gutierrez, Irma Rosas-Perez, Sofia Lopez-Olalde, Omar Rojas-Garcia

Looking Beyond the EIA
Mark Wen

The Design Manual for Road and Bridges: Modernising EA
Dean Kerwick-Chrisp, Amanda Chisholm

Promoting Sustainable Infrastructure Development in Canada: An Emerging Program Framework for Environmental Sustainability at Infrastructure Canada
Keith Grady

Environmental Factors Analysis for EIA Associated to a Hydroelectric Project: From Qualitative to Quantitative
Francisco Hernandez-Alvarez, Guillermo Zuniga-Gutierrez, Carlos Lecanda-Teran, Irma Pérez-Rosas, Christina Siebe-Grabach, Omar Rojas-Garcia, Sofia Lopez-Olalde

The Role of Environmental Assessment and Public Participation in Infrastructure Projects: The City of Prince George's Hart Water Supply Improvements Project
Don Gamble, Nick Sargeant, Nancy Elliott, Duncan Hendricks, Clinton Coates, Christy Jones

Assessing Thermal Impacts from Steam Electric Power Plants
Stephen Friant, David Bachler, Denise Molzahn

Power Intensive Industry in Iceland: History and EIA Approach
Haukur Einarsson, Rúnar D. Bjarnason, et al.

Sustainability Appraisal of District Plans in Ghana
Peter Nelson, C. Azare, E. Sampong, B. Yeboah, E. Darko-Mensah

Quantifying Health Impact Assessment - ARMADA Model
Mark McCarthy

At the Tip of Your Fingers: SEFA, an International Exposure for Environmental Follow-Up Studies
Laurie Lavallée

Health and Environment in Policy and Planning Processes in The Netherlands
Anouk Fermont, Sally Inanen, Dorine Kolkman, Edy Blom

Enhancing Strategic Environmental Assessment in the South African Water Industry with the Use of Geographic Information Systems and Geostatistical Techniques
Ilse Steyl, Michael J. Clark

Scoping in Shell Petroleum Company (SPDC): The Experience with the Major Trunk Line Replacement Project
Oritsetimeyin J. Dada, Akuro Adoki, Napoleon O. Umes

BioScene: Scenarios for Reconciling Biodiversity Conservation with Declining Agricultural Use in the Mountains of Europe
William Sheate, Maria Rosário Partidario, Helen Byron, Olivia Bina

A Review Package for Assessing the Quality of EIRs in South Africa
Luke Sandham, Helen Pretorius, Andries van der Walt

Major Projects and Cumulative Impact: The Emerging Legacy of Development in Nunavut
Janice Traynor, Julian Lim, Robyn Abernathy-Gillis, Peter Schotz