

# Growth, Conservation and Responsibility

Promoting Good Governance and Corporate Stewardship through Impact Assessment

27th Annual Conference

**International Association for Impact Assessment** 

3-9 June 2007

**COEX Convention Center Seoul, Korea** 



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#### **CONFERENCE VENUE**

COEX Convention Center
159 Samsung-dong, Gangnam-gu
Seoul, 135-731 Korea
Phone +82 2 6000 1125
Fax +82 2 6000 1303
marketing1@coex.co.kr
www.coex.co.kr

## IAIA07 At-A-Glance

Saturday, 2 June Registration	Afternoon
negistration	
Sunday, 3 June	
Training Courses, Technical Visit	. All Day/Afternoon
Monday, 4 June	
Training Courses	
Korea's Demilitarized Zone (DMZ) Conservation	All Day
HIA-SIA Workshop	All Day
Technical Visits	All Day
Opening Reception	Evening
Tuesday, 5 June	
Committee Meeting	Mornina
Plenary, Theme Forums, Poster Session, Concurrent Sessions	
Practitioners' Forums	,
Special Dinner	Evening
Wednesday, 6 June	
Fun Run	Early Morning
Committee Meetings	Morning
Theme Forums, AGM, Concurrent Sessions	All Day
Practitioners' Forums	Afternoon
Dine Out Seoul	Evening
Thursday, 7 June	
Section Meetings	Mornina
Theme Forums, Council Meeting, Concurrent Sessions	
Practitioners' Forums	
Banquet	Evening
Friday, 8 June	
Awards, Closing Plenary	Mornina
Technical Visit	

## **Welcome to IAIA07**

#### **Welcome to IAIA07!**

On behalf of the Program Committee, we warmly welcome you to the 27th annual conference of the International Association for Impact Assessment (IAIA). For years, the conference has provided delegates from around the world with an excellent venue to value, share, debate, discuss, and disseminate their knowledge, expertise and ideas. This year promises to be no exception.

You will fully benefit from the insights of eminent keynote speakers and from participating in Theme Forums that address challenging and cross-cutting topics. Many concurrent sessions will improve understanding of your interested fields. In addition, a special pre-conference meeting, "Korea's Demilitarized Zone (DMZ) Conservation: Science and Impact Assessment," and a Theme Forum and topical stream on "Impact Assessment in Asia" will illuminate regional specificity. Theme Forums such as Corporate Stewardship, Capacity Building, Governance, Biodiversity and Sustainability, and Sustainable Development will offer opportunities to think about "Growth, Conservation, and Responsibility" for sustainable society. Concurrent sessions will represent a broad spectrum of topics such as Public Participation, Corporate Stewardship, SIA, Environmental Management Systems, SEA, HIA, Biodiversity, Sustainable Development, IA Law, Policies and Practice, EIA Methodologies, Land Use Planning and so on. In addition, first-rate training courses will open ample opportunities for delegates to learn from renowned experts.

IAIA07 is thus a multi-faceted conference that gives you rich opportunities to compose your own conference, by choosing topical streams to suit your professional needs and interests. The technical program and room arrangements are organized according to topical streams to help you find your topics with ease.

The conference takes place in Seoul where something exciting happens every day. We certainly expect that you will be treated with great memories and utmost hospitality. Dine-Out will take you to pleasant cuisine and scenery in downtown Seoul. Technical visits will explore the issues of development, conservation, restoration, and sustainability by examining a stream restoration project, ecologically restored former landfill sites, and an urban redevelopment project. Special tours and events such as the Fun Run were arranged to explore the City of Seoul where tradition and the future mingle together.

The program committee welcomes your passionate participation. We urge you to peruse the program and to take advantage of the opportunities that are open to you. Learning, sharing, and just talking with your professional colleagues beyond boundaries, we certainly hope that you will have an unforgettable conference experience and, above all, fun.

Welcome!

#### **Suh Sung Yoon**

IAIA07 Program Committee Chair

#### **Welcome and Introduction to IAIA07**

Welcome to Seoul and Korea, as we gather together for this, the IAIA's 27th annual conference.

Our hosts have worked hard to devise a varied and thorough programme on the theme of Promoting Good Governance and Corporate Stewardship through Impact Assessment. Your presence here and support in addressing this topic is highly encouraging. Governance and stewardship are important areas for debate and discussion, as we are increasingly caught between two interpenetrating worlds—the 4 billion year old Living World and the 5,000 year old World of Man. Unsustainability results from a lack of integration between them. Reintegrating sustainability through conservation, regeneration and stewardship is now not only a major challenge but a priority.

One of the most important functions of IAIA meetings is the opportunity they afford for IA professionals from diverse parts of the world to take an active part in the programme, enter into the debates and to bring their unique perspective and experience to issues. One of the lasting legacies of all our conferences are the friends and contacts we make during our brief week together. So network widely and make new friendships. It is through these contacts that we increasingly address the complex issues we face.

Dr. Suh-Sung Yoon and his colleagues have done a fantastic job pulling together this conference. I am sure their efforts, together with your energetic participation, will make for a fulfilling and uplifting meeting.

Most sincerely,

#### **Ross Marshall**

President, International Association for Impact Assessment Manager, NEAS, Environment Agency, UK

# **Special Events**

Special Pre-Conference Meeting

# **Korea's Demilitarized Zone (DMZ) Conservation: Science and Impact Assessment**

Undisturbed for 50 years, the Korean DMZ is an important refuge for many species of wildlife, including two of the world's most endangered birds (the white-naped and red-crowned crane). The DMZ is also home to Asiatic black bears, Chinese gorhals and egrets, and some claim even the Korean tiger, a subspecies of the Siberian tiger, one of the rarest tigers in the world. Environmental scientists have a unique opportunity in the DMZ to study how nature restored itself after the area was devastated by war.

This special meeting brings together scientists and professionals from diverse scientific disciplines, including the impact assessment community interested in conservation of transboundary ecosystems for an exchange of ideas, science and technology necessary to build and manage sustainable protected areas in the DMZ corridor and adjacent ecosystems on the Korean peninsula. Although the discussions will focus on the DMZ, lessons learned may be applicable to other areas attempting to provide conservation reserves.

Highly acclaimed experts set the stage in the opening plenary for an exchange of ideas by discussing inclusion of biodiversity in impact assessment, Korea's environment and sustainable future, the preservation of Korea's DMZ corridor for conservation, the wild and vibrant world of the DMZ ecosystems, and peace parks for transboundary ecosystems. The afternoon is devoted to presentation of submitted papers and a wrap-up session synthesizing the day's discussions and implications for future activities.

**Co-Conveners: Ke Chung Kim**, Professor and Director, Center for Biodiversity Research, and Chair, Institute of the Environment, Pennsylvania State University, USA, and **Hoi-Seong Jeong**, President, KEI, Korea.

Organizing Institutions: The DMZ Forum and KEI

The Mission of the DMZ Forum is to transfer the Korean DMZ from a symbol of war to a place of peace among humans and between humans and nature (www.dmz.forum.org).

Monday, 4 June 2007 | 09:00 - 17:00 IAIA07 delegates: \$100 / \$160 for others.

Special Pre-Conference Meeting

#### **HIA-SIA Workshop**

At IAIA06, a pre-conference workshop was held on the integration of health and social impact assessment. The workshop was attended by about 30 people. One of the conclusions of the workshop was that we needed to develop generic terms of reference that could be issued by project proponents to impact assessment consultants for integrated environmental, social, and health impact assessments.

Since the 2006 workshop, a small subcommittee has been working on a set of generic terms of reference that is based on a real example used in the oil industry for a developing country project (with the permission of the owners). The objectives of this pre-meeting workshop:

- 1. Review current experience with terms of reference.
- 2. Review, add to, and correct in detail the draft generic terms of reference prepared by the subcommittee.
- 3. Decide on a future course of action to disseminate and publish the final generic terms of reference.
- 4. Decide on the future of pre-conference workshops.

The workshop is open to any members of IAIA, or conference attendees who are interested in an integrated environmental, social, and health impact assessment terms of reference for use by consultants and their clients at the project level.

Monday, 4 June | 09:00 - 17:00 | IAIA07 delegates: \$60 / \$120 for others

#### **Social activities**

#### **Opening Reception**

The Mayor of Seoul officially opens the conference with an address, as the City of Seoul welcomes delegates to an opening reception at the COEX Convention Center.

Monday, 4 June | 18:00-20:00 Grand Ballroom

#### **Special Dinner**

The Federation of Korean Industries will treat delegates with this special dinner. Celebrate the beginning of the conference with new colleagues and old friends.

Tuesday, 5 June | 19:30 Grand Ballroom

#### **Fun Run**

This popular 5 km sporting event is now in its fifth year.

Pre-registration is requested and a US\$5 fee will be collected on-site to cover organization and prizes. A great way to start the day and network with fellow runners! Walkers and cheerleaders are also welcome.

Sign up or check for information on the message board in the Lobby area.

Wednesday, 6 June | 06:00 The run will take place at Olympic Park. A bus will pick up and drop off participants at COEX Plaza.

#### **Dine Out Seoul**

Hosts will lead small groups to various restaurants in Seoul.
Restaurants featuring local specialties and special emphasis on sustainable dining are offered. Participants pay their own way. Sign-up sheets are posted on the message board in the COEX 3rd floor lobby.

Wednesday, 6 June | 19:00 onward

#### **Banquet**

Relax with fellow delegates after a busy week. The Korean Ministry of the Environment treats delegates and guests to a pleasant banquet.

Thursday, 7 June | 19:30 Grand Ballroom

#### **Technical visits**

See page 31 for descriptions of technical visits. Registrations will continue to be taken until visits reach capacity.

#### **Practitioners' Forums**

IAIA conferences provide space for impromptu discussions in unanticipated/unscheduled areas of interest or to carry over discussions begun in concurrent sessions. White boards are provided in the Lobby 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 discussion. The informality and spontaneity guarantee a lively end to the day's sessions.

#### Welcome to IAIA

This meeting is for any member who wants to know more about the organization, its history, and how it works; new or prospective Board members; or anyone interested in participating in IAIA as a Committee member or Section member. Chaired by IAIA CEO Rita Hamm.

Thursday, 7 June 14:30 - 16:00 Room 323 time:00-time:00

# **Conference Theme**

#### **Growth, Conservation and Responsibility**

**Promoting Good Governance and Corporate Stewardship through Impact Assessment** 

Mankind has excessively pursued economic growth from the prehistoric times, and particularly more so since the Industrial Revolution. While economic growth contributed to incredible human comfort, it irrevocably damaged environment where humans live. Thus, a problem arose in the late twentieth century: How do we reconcile economic growth with conservation of environment? The question becomes more problematic as cooperation among private corporations, governments, and the public becomes increasingly necessary and national boundaries become irrelevant.

Therefore, we seek to answer the urgent problem in the 27th Annual Conference of IAIA with the main theme of "Growth, Conservation and Responsibility." IAIA07 will explore the compatibility of economic growth with conservation and sustainability. By doing so, we hope to find the common interests among private corporations, governments, Indigenous Peoples, non-governmental organizations (NGOs), and practitioners. But since a nation alone cannot account for environmental damage, the conference will also address the perspectives of global responsibility. By gathering and discussing together, we hope that the conference will develop a new rationale by which economic growth and environmental conservation/sustainability can coexist. Numerous practitioners from across the world will obviously add fresh perspectives to transboundary and global environmental issues.

The last forty years have witnessed rapid economic development. With the economic development, however, environmental damage has ensued. In order to minimize the side effects of the economic growth, environmental experts have made assiduous efforts to implement impact assessment (IA) By holding the conference, we hope that discussions and reflections on economic growth and impact assessment (IA) practices will offer practitioners fresh insights.

IAIA07 will provide those present with ample opportunities to learn new perspectives. While it covers the traditional core topics such as SEA, SIA, HIA, biodiversity, and so on, it will also examine regional issues of Asian countries such as the DMZ (Demilitarized Zone) and transboundary is-

The Annual Conference of IAIA has been an important venue where diverse practitioners discuss and debate their ideas, suggestions, and experiences. It also offers diverse courses by which students learn to do impact assessment. The Program Committee welcomes and urges enthusiastic participations from practitioners of diverse background and nationalities, and hopes that by sharing and exchanging their knowledge those present will make IAIA07 successful.

Welcome to Seoul for a memorable IAIA07.

**Suh Sung Yoon** 

IAIA07 Program Committee Chair

# **Keynote Speakers**

#### **Welcome Addresses**

Ross Marshall, President of IAIA

Chi-Beom Lee, Minister, Ministry of Environment

Suh Sung Yoon, Program Chair and President of KSEIA

Hoi-Seoung Jeong, President of Korea Environment Institute

#### **Closing Addresses**

**Stephen Lintner, World Bank** 

Intergovernmental Policy Forum Summary

**Charlotte Bingham**, Incoming President of IAIA



Jeong-Jeon Rhee

Professor, Seoul National University Korea

Jeong-jeon Rhee, professor at Seoul National University since 1980, has taught and published broadly on environmental economics and sustainability.

While he has been devoted to teaching environmental economics and distributive justice, he has also been widely engaged in putting his ideas into practice.

He was the president of the Korean Association of Natural Resource Economics during 1989-1990, and later he became the co-president of the Green Consumers Network in 1996 and the director of Environmental Development Center in the Citizens' Coalition for Economic Justice in 1998.

He has been a member of the Central Advisory Committee to the Ministry of the Environment, the Land Use Review Panel, and the Metropolitan Maintenance Committee to the Ministry of Construction and Transportation. He has also actively participated in urban planning for the City of Seoul.



**Maria Neira** 

Director of WHO Department of Public Health and Environment
Switzerland

Dr. Maria Neira has a medical degree in medicine and surgery from the University of Oviedo (Spain) and she specialized in endocrinology and metabolic diseases at the Université René Descartes in Paris. She has a Master's degree in public health and a special diploma in nutrition both in Paris (France). She has also obtained an international diploma in emergency preparedness and crisis management from the University of Geneva (Switzerland).

At present, Dr. Neira is Director of the Department of Public Health and Environment at the World Health Organization, Geneva.

Between September 2002 and August 2005, she was President of the Spanish Food Safety Agency and Vice-Minister of Health at the Ministry of Health and Consumers Affairs in Spain.

Dr. Neira worked for the World Health Organization in Geneva in different positions, including Director of the Department of Prevention, Control and Eradication in the Cluster of Communicable Diseases Control. Before joining WHO, Dr. Neira worked as Public Health Adviser in the Ministry of Health in Mozambique from 1991 to 1993. She spent two years in Kigali, Rwanda, on assignment for the United Nations Development Programme (UNDP) from 1989. From 1987 to 1989, Dr. Neira was in El Salvador, Nicaragua, and Honduras as medical coordinator for Médecins sans Frontières.

**Note:** The opening plenary will start on time. Delegates are encouraged to check in on Monday to avoid long registration lines prior to the opening plenary.

# **Keynote Speakers**



#### **Yong Chung**

Professor in Environmental Health, College of Medicine, Yonsei University in Seoul Korea

Professor Yong Chung is a distinguished scholar in the field of Environmental Health Science and Environmental Impact Assessment in Korea. He has taught and researched since 1966. He has published some two hundred research papers and has served as a critical role-player on a variety of national projects in health risk assessment of drinking water, and of air pollutants in six cities and two industrial areas. He was also heavily involved in assessing environmental impacts in regions; examples of projects he has participated in include Health City Planning in Puchun City and the Sustainable Development Planning for Cheju Island. He also served on the National Project on Occurrence, Health Risk and the Control of Disinfection by Products (DBPs).

Professor Chung played a leading role in launching the Korean Society for Environmental Impact Assessment (KSEIA) and served as its first president. As a longtime member of the Central Advisory Committee, he gave critical consultations to the Ministry of Environment. He also served as the president of Korean Society of Environmental Toxicology. Since 2000, he has focused on health impact assessment in Sustainable Development Strategy. By continuing his efforts to raise awareness on environmental health through teaching, researching, and participating in many public projects, Professor Yong Chung has immensely contributed to establishing environmental health in Korea.



Rabel J. Burdge

Adjunct Professor, Department of Sociology and Huxley College of the Environment at Western Washington University and the School of Australian Environmental Studies, Griffith University in Brisbane United States

Educated at Penn State (Ph.D.) and Ohio State Universities (B.S. and M.S.), Dr. Burdge is currently a Professor Emeritus from the University of Illinois at Urbana-Champaign. He has also served on the faculties of the University of Kentucky (Lexington), the U.S. Air Force Academy, and as a Visiting Professor in the Department of Planning and Landscape and the Environmental Impact Assessment (EIA) Centre, University of Manchester in the United Kingdom, where he edited a double issue of the international journal, Impact Assessment and Project Appraisal Volume 21 (2&3) titled, "The Practice of Social Impact Assessment"

Burdge has authored numerous books, including *The Concepts, Process and Methods of Social impact Assessment, A Community Guide to Social Impact Assessment, Coping with Change: an Interdisciplinary Assessment of the Lake Shelbyville Reservoir.* He co-authored *Social Change in Rural Societies: A Rural Sociology Textbook and* is former editor of the *Journal of Leisure Research* and founding co-editor of both *Leisure Sciences: an Interdisciplinary Journal and Society* and *Natural Resources: an International Journal.* 

In 1990 he was elected President of IAIA and in 1994 received from IAIA the Rose-Hulman Institute of Technology Award for outstanding contributions to the field of impact assessment.

He is now serving a second four-year term (2007-2010) as a member of the Whatcom County (State of Washington) Planning Commission.



**Stephen F. Lintner** 

Senior Technical Adviser, The World Bank United States

Dr. Stephen F. Lintner is currently the World Bank's Senior Technical Adviser on issues concerning environmental and social safeguard policies. He is responsible for Bank-wide coordination and oversight of measures to support the environmental and social soundness of Bank supported programs and projects. He is leader of the Quality Assurance and Compliance Unit (QACU) in the Operations Policy and Country Services Network. QACU provides Bankwide support for implementation of the ten safeguard policies and their associated disclosure requirements. These policies include environmental assessment, natural habitats, sustainable forestry, involuntary resettlement, indigenous peoples, physical cultural property, pest management, dam safety, international waterways and disputed areas. In addition, Dr. Lintner continues to represent the World Bank on environment and water resources management issues around the globe.

Since joining the Bank in 1988, he has worked as Senior Environmental Specialist in the Europe, Middle East and North Africa Region and Advisor for Freshwater, Coastal and Marine Resources in the Environment Department. He has also served in the East Asia and Pacific Region as the Regional Environmental Advisor. He was one of the authors of the Bank's original Operational Directive 4.01 on Environmental Assessment.

Prior to joining the World Bank, Lintner served as Environmental Coordinator for the Asia and Near East Bureau of USAID. He also worked for the United States Geological Survey and the Oriental Institute of the University of Chicago. Lintner holds a Ph.D. in Geography and Environmental Engineering from The Johns Hopkins University.

# **Program Overview**

	Saturday 2 June		Sunday 3 June				Monday 4 June		
06:00									
08:00 08:30		Registration for training courses and technical			Registration				
09:00 09:30		visit A	Training courses			Training courses	DMZ Conservation	Tech visit B: Landfill Sites	
10:00 10:30							HIA-SIA Workshop	Tech visit D: Lake Shihwa	
11:00 11:30									
12:00 12:30									Exhibit and poster setup
13:00 13:30				Tech visit A: Cheonggye- cheon					
14:00 14:30									
15:00 15:30	Registration for training courses								
16:00 16:30		Registration for training courses and special							
17:00 17:30		meetings							
18:00 18:30									
19:00 19:30						Ор	ening Reception 18:00-20:00		
19.30									

# **Program Overview**

Tuesday 5 June	Wednesday 6 June	Thursday 7 June		Friday 8 June	
Fun Run			06:00		
Committee meeting	Committee meetings	Section meetings			08:00
Registration opens	Registration opens	Registration op	ens		08:30
Opening plenary	Theme Forums	Theme Forun	ns	Closing plenary	09:00
					09:30
					10:00
Break	Break	Break		Break	10:30
Opening plenary continued	Theme Forums	Theme Forun	ns	Awards and closing plenary	11:00
					11:30
Poster session	Annual General Meeting	Council meeti	na		12:00 12:30
roster session	Aillidal Gellelal Meetilig	Councilmeeti	ng		13:00
Lunch	Lunch	Lunch		Tech visit C: Seoul Forest	13:30
					14:00
Concurrent sessions	Concurrent sessions	Concurrent sess	sions		14:30
					15:00
					15:30
Break	Break	Break			16:00
Concurrent sessions	Concurrent sessions	Concurrent sess	sions		16:30
					17:00
Practitioners' Forums	Practitioners' Forums	Practitioners' Forums	Exhibit		17:30 18:00
Plactitioners Forums	Practitioners Forums	Practitioners Forums	and poster		
			takedown		18:30
	Dine Out Seoul			1	19:00
Special Dinner 19:30 onward	19:00 onward	Banquet 19:30 onwar	d		19:30

Notes

# **Daily Schedule**

	Saturday, 2 June		Tuesday, 5 June
15:00-17:00	<b>Registration</b> (Jangbogo Lobby) Training course participants only	08:00-11:00 08:00-09:00	Registration (Grand Ballroom Lobby)  Committee Meeting  • IAPA Editorial Board (304A)
	Sunday, 3 June	09:00-10:30	Opening Plenary (Grand Ballroom) Simultaneous interpretation to be provided. Chair: Suh Sung Yoon, President of KSEIA
08:00-13:00 09:00-17:00	Registration (Jangbogo Lobby) Training course and technical visit A participants Training Courses Room numbers will be provided at check-in. 1a. Biodiversity: Key Sector Best Practices 3. SEA in Development Cooperation 4. Social Impact Assessment 5a/b/c. SEA (Groups 1, 2, and 3) 7. Understanding Impact Assessment 8a/b. Practical Guide to Sustainability Assessment 10. Principles & Practice of Health IA		<ul> <li>Introductory Video</li> <li>Welcoming Address. Ross Marshall, President of IAIA</li> <li>Welcome to Korea and IAIAO7. Chi-Beom Lee, Minister, Ministry of Environment</li> <li>Welcome to the 27th Annual Conference of IAIA. Suh Sung Yoon, President of KSEIA and Program Chair</li> <li>Welcoming Address. Hoi-Seoung Jeong, President of Korea Environment Institute</li> <li>Keynote Address</li> <li>How Global Warming Could Save Impact Assessment - But Only If We Make Some</li> </ul>
13:00-17:00 16:00-18:00	<b>Technical Visit A: Cheonggyecheon Registration</b> (Jangbogo Lobby) Training course and special meeting participants	10:30-11:00	Changes. Rabel Burdge Break Sponsored by Samsung
	Monday, 4 June	11:00-12:30	Opening Plenary Continued  Keynote Addresses  Challenges of EIA: EIA in Environmentally Sound Sustainable Development. Yong
08:00-18:00 09:00-17:00	Registration (Jangbogo Lobby) Training Courses Room numbers will be provided at check-in. 1a/b. Biodiversity: Key Sector Best practices 3. SEA in Development Cooperation 4. Social Impact Assessment		<ul> <li>Chung</li> <li>Roles of EIA: The Merits and Limitations of EIA. Jeong-Jeon Rhee</li> <li>Bridging Gaps and Spanning Divides: Promoting Health Impact Assessment as a Pillar for Development. Maria Neira</li> </ul>
	5a/b. SEA (Groups 1, 2) 5c. SEA (Group 3) 7. Understanding Impact Assessment 8b. Practical Guide to Sustainability Assessment 9. Practical Guide to Effective IA Follow-Up 11. Multi-Criteria Decision Analysis	11:30-16:30 12:30-13:30 13:30-14:30	Registration (Jangbogo Lobby) Poster Session (Conference Center Lobby) Lunch (Jangbogo Hall 331-336) Sponsored by Korea Water Resources Corporation (K-water)
09:00-17:00	Korea's Demilitarized Zone (DMZ) Conservation: Science and Impact Assessment (310 A/B/C)	14:30-16:00 16:00-16:30	Concurrent Sessions Break Sponsored by Samsung
09:00-17:00	See page 4 for information. <b>HIA-SIA Workshop</b> (311 A/B/C) See page 4 for information.	16:30-18:00 18:00-19:00	Concurrent Sessions Practitioners' Forums See white boards in Conference Center Lobby for
09:00-17:00 09:00-17:00 12:00-17:00	Technical Visit B: Landfill Sites  Technical Visit D: Lake Shihwa  Exhibit and Poster Setup	19:30	topic selections and room assignments. <b>Special Dinner</b> (Jangbogo Hall 331-336) <i>Sponsored by The Federation of Korean Industries</i>
18:00-20:00	Opening Reception (Grand Ballroom) Sponsored by the City of Seoul		

# **Daily Schedule**

	Wednesday, 6 June	09:00-10:30	<b>Theme Forums</b> Simultaneous interpretation to be provided.
06:00	<b>Fun Run</b> See page 4 and message board in Conference Center Lobby for information.		TF3.1. Poverty and Impact Assessment (I) (311) TF6. Utilization of Natural Resources Inventory Information (320A/B/C) TF8. Generating Higher-Level Awareness of the
08:00-16:30	Registration (Jangbogo Lobby)		Value of Impact Assessment (310)
08:00-09:00	Committee Meetings • Awards (321A)	10:30-11:00	<b>Break</b> Sponsored by Samsung
	Affiliates (321B)     Publications (321C)	11:00-12:30	Theme Forums
	<ul> <li>Publications (321C)</li> <li>Training &amp; Professional Development (304A)</li> <li>Sections Coordinating (304B)</li> </ul>		Simultaneous interpretation to be provided. TF3.2. Poverty and Impact Assessment (II) (311)
09:00-10:30	Theme Forums Simultaneous interpretation to be provided. TF1. Addressing Social Issues through Corporate Stewardship (320A/B/C)		TF9. Environmental Assessment and Conflict-Affected Areas: Before, During and After (320A/B/C) TF10.1. IAIA and Capacity Development: Lessons Learned and Future Directions (I) (310)
	TF2. Focus on Asia (311)	12:30-13:30	Council Meeting (402)
10.20 11.00	TF7.1. Conservation and Economic Development: The Role of Biodiversity Offsets (I) (310)	13:30-14:30	<b>Lunch</b> (Jangbogo Hall 331-336) Sponsored by Korea Chamber of Commerce and Industry
10:30-11:00	<b>Break</b> Sponsored by Samsung	14:30-16:00	Concurrent Sessions
11:00-12:30	Theme Forums Simultaneous interpretation to be provided.	16:00-16:30	Break Sponsored by Samsung
	TF4. Environmental and Social Leadership in Sus-	16:30-18:00	Concurrent Sessions
	tainable Financial Markets (320A/B/C) TF5. Responsibility Towards Your Neighbors: Trans-		TF10.2. IAIA and Capacity Development: Lessons Learned and Future Directions (II) (321C)
	boundary Impact Assessment (311) TF7.2. Conservation and Economic Development: The Role of Biodiversity Offsets (II) (310)	18:00-19:00	<b>Practitioner's Forums</b> See white boards in Conference Center Lobby for topic selections and room assignments.
12:30-13:30	Annual General Meeting (AGM) (402)	18:00-19:00	Exhibit and Poster Takedown
13:30-14:30	<b>Lunch</b> (Jangbogo Hall 331-336)  Sponsored by GS Caltex	19:30	<b>Conference Banquet</b> (Grand Ballroom) Sponsored by Korean Ministry of Environment
14:30-16:00	Concurrent Sessions		
16:00-16:30	<b>Break</b> Sponsored by Samsung		Friday, 8 June
16:30-18:00	Concurrent Sessions		
18:00-19:00	<b>Practitioners' Forums</b> See white boards in Conference Center Lobby for	08:00-11:30 09:00-10:30	Registration (Jangbogo Lobby)  Closing Plenary (Grand Ballroom)
19:00	topic selections and room assignments.  Dine Out Seoul		Simultaneous interpretation to be provided.  Co-chairs: Suh Sung Yoon, Program Chair and
	See page 4 and the message board in the Convention Center Lobby for information.		President of KSEIA and Ross Marshall, President of IAIA
	Thursday, 7 June		<ul> <li>Keynote Address</li> <li>Responsible Growth and Impact</li> <li>Assessment—Issues, Trends and Challenges.</li> <li>Stephen Lintner</li> </ul>
08:00-16:30	Registration (Jangbogo Lobby)		Intergovernmental Policy Forum Summary.
08:00-09:00	Section Meetings	10:30-11:00	Break
	<ul><li>Strategic Environmental Assessment (304A)</li><li>Agriculture, Forestry &amp; Fisheries (304B)</li></ul>	44.00.40.00	Sponsored by Samsung
	<ul> <li>Public Participation (307)</li> </ul>	11:00-12:30	Closing Plenary Continued  Presentation of Awards. Ross Marshall
	<ul><li>Social Impact Assessment (308)</li><li>Environmental Management Systems (321A)</li></ul>		
	<ul> <li>Environmental Law, Policies &amp; Practice (321B)</li> </ul>		<ul> <li>Presidential Address. Charlotte Bingham, Incoming President of IAIA</li> </ul>
	<ul><li>Disasters &amp; Conflicts (321C)</li><li>Biodiversity (330A)</li></ul>		<ul> <li>Invitation to IAIA08 in Perth.</li> </ul>
	<ul> <li>IA of Trade-Related Policies (330B)</li> </ul>		· Closing of IAIA07
	<ul><li>Health (330C)</li><li>Students and Early Professionals (323)</li></ul>	13:30-18:00	Technical Visit C: Seoul Forest

# **Technical Program Overview**

#### **Theme Forums and Concurrent Sessions**

	Tuesday	y, 5 June			Wednesday, 6	June
Room	14:30-16:00	16:30-18:00	Room	09:00-10:30	11:00-12:30	14:30-16:00
320A	Asian SEA, EIA and Sustainability Assessment CS16.1	Asian SEA, EIA and Sustainabilty Assessment CS16.2	320A	Corporate Stewardship TF1	IFC and Sustainable Development TF4	Asian SEA, EIA and Sustainability Assessmen CS16.3
320B	SEA CS23.1.1	SEA CS23.1.2	320B			SEA CS23.1.3
320C	SEA CS23.1.7	SEA CS23.1.8	320C			Health Impact Assessmer CS15.4
311A	Health Impact Assessment CS15.1	Biodiversity & Ecology CS2.1	311	Impact Assessment in Asia TF2	Transboundary Impact Assessment TF5	
311B	Integrated Assessment of Trade-Related Policies CS18.1	Integrated Assessment of Trade-Related Policies CS18.2	310	<b>Biodiversity</b> TF7.1	<b>Biodiversity</b> TF7.2	
311C	Energy CS9.1	Energy CS9.2	330A			Biodiversity & Ecology CS2.2
304A	Public Participation CS20.1	Public Participation CS20.2	304A			Public Participation CS20.3
304B	Social Impact Assessment CS22.1	Social Impact Assessment CS22.2	304B			Social Impact Assessmen CS22.3
307	Corporate Stewardship CS6.1	Environmental Management Systems CS12.1	307			Corporate Stewardship CS6.2
308	IA Law, Policies and Practice CS10.1	IA Law, Policies and Practice CS10.2	308			IA Law, Policies & Practice CS10.3
321A	Health Impact Assessment CS15.2	Health Impact Assessment CS15.3	321A			Health Impact Assessmer CS15.5
321B	EIA Methodology & Practice CS8.1.1	EIA Methodology & Practice CS8.1.2	321B			EIA Methodology & Praction CS8.1.3
321C	Sustainability Assessment: Theory & Practice Workshop CS24.2.1	Sustainability Assessment: Theory & Practice Workshop CS24.2.2	321C			Sustainable Developmen CS24.1
310A	Environmental Information Technology CS11.1	Climate Change CS4.1	330B			Climate Change CS4.2
310B	SEA Capacity Development CS23.3	Transboundary Impact Assessment CS25	330C			Capacity Building CS3
310C	EIA and Early Market Involvement CS13.1	EIA and Early Market Involvement CS13.2	323			Land Use Planning & Landscape CS19.1

# **Technical Program Overview**

**Theme Forums and Concurrent Sessions** 

		Thursday, 7 June					
	16:30-18:00	09:00-10:30	11:00-12:30	14:30-16:00	16:30-18:00		
t	Asian SEA, EIA and Sustainability Assessment CS16.4	Agriculture, Forestry & Fisheries TF6	<b>Disaster &amp; Conflict</b> TF9	Asian SEA, EIA and Sustainability Assessment CS16.5			
	SEA CS23.1.4			SEA CS23.1.5	SEA CS23.1.6		
t	Health Impact Assessment CS15.6			EIA Methodology & Practice CS8.1.7	SEA CS23.5		
	Indigenous Peoples CS17	Poverty & Impact Assessment TF3.1	Poverty & Impact Assessment TF3.2	Disaster & Conflicts CS7	Restoration CS21		
	EIA Methodology & Practice CS8.1.8	<b>Governance</b> TF8	Capacity Building TF10.1	EIA Methodology & Practice CS8.1.9	EIA Methodology & Practice CS8.2		
	Biodiversity & Ecology CS2.3			Biodiversity & Ecology CS2.4	Biodiversity & Ecology CS2.5		
	Public Participation CS20.4			Public Participation CS20.5	Public Participation CS20.6		
	Social Impact Assessment CS22.4			Social Impact Assessment CS22.5	Social Impact Assessment CS22.6		
	Environmental Management Systems CS12.2			Governance CS14.1	Governance CS14.2		
	IA Law, Policies & Practice CS10.4			Agriculture, Forestry & Fisheries CS1.1	Agriculture, Forestry & Fisheries CS1.2		
t	Health Impact Assessment CS15.7			Health Impact Assessment CS15.8	Health Impact Assessment CS15.9		
:e	EIA Methodology & Practice CS8.1.4			EIA Methodology & Practice CS8.1.5	EIA Methodology & Practice CS8.1.6		
t	Sustainable Development CS24.2			Sustainable Development CS24.3	Capacity Building (Follow-up to Theme Forum 10.1) TF10.2		
	Climate Change CS4.3			Environmental Information Technology CS11.2	Environmental Information Technology CS11.3		
	SEA in Vietnam CS23.2			Greening PRSP in Benin CS23.4			
	Land Use Planning & Landscape CS19.2			Welcome to IAIA	Land Use Planning & Landscape CS19.3		

Wednesday 6 June | 09:00-10:30 | Room 320A/B/C

Wednesday 6 June | 09:00 - 10:30 | Room 311

Thursday, 7 June | 09:00 - 10:30 | Room 311

#### **TF1. Addressing Social Issues** through Corporate Stewardship

Chair: Frank Vanclay

The Forum challenges conventional understandings of SIA by arguing that the addressing of social issues needs to be mainstreamed into corporate practice. SIA as traditionally conceived as point-in-time impact statements is not effective. The papers in the theme forum suggest that in order to meet Triple Bottom Line and Corporate Social Responsibility objectives, corporate practice needs to have a systems approach to addressing social issues. The focus needs to shift from minimising harm to adding value both for communities and corporations. The lead presentation will present a perspective from the field of SIA setting the stage, while the other presentations in the Theme Forum will present different views from consultants in the fields of corporate governance and community relations and from the corporate sector.

The Theme Forum is intended to:

- Improve corporate practice by featuring best practice in addressing social issues;
- Identify principles for corporate practice that consider social issues:
- Shift the understanding in Impact Assess-
- Identify success factors for integrating Impact Assessment with other established corporate assessment tools;
- Demonstrate the value of Impact Assessment in clarifying the business case for CSR programs.
- 394. SIA as a Social Quality Assurance Process Frank Vanclay, research-only professor of rural and environmental sociology in the Tasmanian Institute of Agricultural Research at the University of Tasmania in Hobart Australia
- 462. Promoting Good Governance and Corporate Stewardship Responsibly Through Successful Project Management of Social Impact Assessments

. Siva Ram Vemuri, Associate Professor of Economics at Charles Darwin University, Australia

452. Determining the Business Value of Corporate Community Investment: Integrating
Operations Management with Impact As-

Ana Maria Esteves, Principal of Community Insights Pty Ltd., Australia

708. Ensuring Quality Impact Assessments

Through Corporate Governance Francisca Wessels, Attorney specialising in Environmental, Health and Safety Law, South Africa

#### TF2. Focus on Asia

Chairs: Myungjin Kim, Kii Hayashi

Focus on Asia gathers participants interested in Asian countries to exchange information on Asian EIA/SEA and to strengthen mutual relationships. This program includes invited speakers to present views on impact assessment in an Asian context and common Asian themes such as global warming, the Kyoto Protocol, public participation, and Green Growth with relation to EIA/SEA. Thus, it is a meaningful follow-up of "SEA/EIA development and cases in Asia" held in IAIA06 and also has a meaningful relationship to the "Asian SEA, EIA and Sustainability Assessment" session at IAIA07. Current and recently completed cases under the topic "Growth, Conservation and Responsibility" will be presented. This forum needs not just close cooperation among adjacent countries for the topic, but also broad perspectives from practitioners interested in Asian impact assessment.

The Forum format is presentations followed by discussion.

346. Environmental Issues in Mining Sector of Vietnam and Application of the Environmental Management System

Dang Hoan Le, Director, Vietnam-Korea Environmental Industry Co-operation Center, Vietnam

449. Experiences from Introducing Changes and Improvements of the EIA Systems in 6 Asian Countries, with Particular Focus on Improvements within Public Participation Processes (Indonesia, Iran, the Philippines, Sri Lanka, Thailand and Vietnam)

Albert Alupathage Kulatunga, Director, Special Projects Division at the Ministry of Environment, Sri Lanka

578. Recent Movement of Strategic Environmental Assessment in Japan

Sachihiko Harashina, Professor, Tokyo Institute of Technology, Japan

594. SEA and Integration of Development Planning and Environmental Planning in

Jong Ho Lee, Professor, Cheongju University, Republic of Korea

666. Difficulty and the Possible Conservation Approach of Conservation in EIA of Project

Xuegong Liang, Researcher, Appraisal Center for Environment and Engineering, China

#### **TF3.1. Poverty and Impact Assessment (Session 1 of 2)**

Chairs: Maria R. Partidário, Linda Ghanimé, Arne Dalfelt

Introduction by the chairs: "Why is the question of poverty and impact assessment essential?" followed by key speakers addressing the following questions:

- 1. Why is poverty increasing despite signs of global economic growth?
- 2. How can this trend be changed?
- 3. How can conservation and sustainable use of natural resources be most effective in securing long-term growth and poverty reduction?

What Pieces Are Missing in Addressing the Global Poverty Challenges? Linda Ghanimé, UNDI

**Poverty Situation and Poverty Environment Nexus in Vietnam** 

Dao Minh Chau, Swiss Development Cooperation

Reducing Poverty with Use of Environmental Assets for Human Development Paul Steele, UNDP Environment Advisor

Thursday, 7 June | 11:00-12:30 | Room 311

#### **TF 3.2. Poverty and Impact** Assessment (Part 2 of 2)

Chairs: Maria R. Partidário, Linda Ghanimé, Arne Dalfelt

How can impact assessment best serve human development and poverty reduction?

Panel members open the discussion with 5minute answers to each of the following:

- 1. How to bring the poverty dimension to the center of concerns and attention within the Impact Assessment arena?
- 2. What are the key bottlenecks and most promising solutions?

Discussion (one hour)

Concluding remarks by the chairs.

Wednesday 6 June | 11:00-12:30 | Room 320A/B/C

Wednesday 6 June | 11:00 - 12:30 | Room 311

Thursday 7 June | 9:00 - 10:30 | Room 320A/B/C

#### TF4. Environmental and Social Leadership in Sustainable Financial Markets: IFC's New Performance Standards and the Equator Principles II

Chairs: Isabelle Paris and Anne Copeland Chiu

In May of 2006, IFC, a private sector arm of the World Bank Group, moved to implement its new Policy and Performance Standards on Social and Environmental Sustainability. Shortly after IFC's move, the Equator Principles, an environmental and social risk management framework used by major international banks in project financing, were updated to incorporate IFC's standards. Now with more than 40 participating financial institutions, the new Equator Principles have the potential to reach a large segment of the world's key projects in important sectors like infrastructure and extractive industries.

What are the IFC social and environmental standards underlying the Equator Principles? How are the standards implemented and what are the early lessons learned and key challenges? The event will explore these questions, and invite the participants to also share their experience.

Practitioners in ESIA will soon have to use this new framework as they will be contacted to provide due diligence for both Equator Bank assessment and IFC projects. They will benefit by adding an additional review tool, specifically designed for Private Sector Project and thus complementary to their existing sets of tools for development projects.

The Forum will consist of a one-hour joint presentation followed by ½ hour of discussion.

**Isabelle Paris** is currently a senior environment specialist at IFC, based in Washington.

**Anne Copeland Chiu** lectures at the University of Hong Kong on corporate responsibility, sustainability and environmental performance.

#### TF5. Responsibility Towards Your Neighbours: Transboundary Impact Assessment

Chair: Weicher Schrage

Participants are expected, through interacting with the panel of experts, to gain an understanding of the mechanisms for effective transboundary EIA: transboundary EIA that not only efficiently satisfies legal and procedural requirements, but leads to better projects, impacts avoided or reduced, meaningful public participation, and cooperation and understanding between neighbouring States. It is also hoped that participants will provide insights into how such procedures may be improved.

The Forum will consist of introductory remarks by the chair (5 minutes) and then by each of the panellists (5-10 minutes each). Chair will then initiate questioning of the panel by the participants, with each being invited to respond to blocks of questions. The chair will then summarize the discussion, issues raised, ideas put forward, etc., with further input from the participants.

#### How Bilateral and Multilateral Agreements Provide Equity and Detail in Transboundary EIA Procedures, with Reference to a Draft Agreement Between the Countries of Southeast Europe

Vania Grigorova: Bulgarian Ministry of Environment and Water (MoEW) and Chairperson of the Working Group on EIA under Espoo Convention

#### Cooperation in Transboundary EIA in the Baltic Sea Subregion

Sten Jerdenius, Swedish Ministry of Sustainable Development

# TF6. Utilization of Natural Resources Inventory Information

Chairs: Toshiaki Ohkura, Ryunosuke Hamada

An immediate objective of this particular forum of Utilization of Natural Resources Inventory Information (UNRII) is to initiate a stream to encourage participants to identify the meaning of UNRII. A next objective is to exchange ideas to establish holistic, useful and easy to access system for the utilization of NRII of local and global network. Further we hopefully reach a stage, through an exchange of opinions of participants to consider by the use of NRII, to justify pursuing maximizing solar energy incorporation at every site on Earth.

Participants will learn the importance of utilizing even commonly available NRII institutions such as museums, botanical gardens, and government agencies and they will realize the significant and positive meaning of daily practice of increasing solar energy incorporation through photosynthesis to be maximized everywhere.

#### 784. Rural Landscape Information System (Ru-LIS)

Dr. Shori Yamamoto, Senior Researcher, National Institute for Agro-Environmental Sciences, Japan

# 783. A Tentative Soil Map as an Inventory Based on the Recognition of Characteristics and Pedon Units of Urban Soils Dr. Makiko Watershop Professor, Tokyo Institute

Dr. Makiko Watanabe, Professor, Tokyo Institute of Technology, Japan

# 316. Soil Carbon Inventory Information and its Impacts on the Global Environment Dr. Tomoyoshi Murata, Senior Researcher,

National Institute for Environmental Studies, Japan

# **Presentation by Dr. Song Kwan-Choel** *Dr. Song Kwan-Choel, Chief, National Institute of*

Agricultural Science and Technology, Korea

#### 782. Concept of Natural Resources Inventory and Framework of Utilization

Dr. Toshiaki Ohkura, Senior Researcher, National Institute for Agro-Environmental Sciences, Japan

Wednesday, 6 June | 09:00 - 10:30 | Room: 310

Thursday, 7 June | 09:00 - 10:30 | Room 310

Thursday, 7 June | 11:00 - 12:30 | Room 320A/B/C

# TF7.1 Conservation and Economic Development: The Role of Biodiversity Offsets (Part 1 of 2)

Chair: Kerry ten Kate

Mainstreaming biodiversity into development through biodiversity offsets is an emerging management tool for ensuring significant conservation outcomes. This Forum will be of interest to professionals involved in biodiversity conservation, EIA, business and development planning and project finance. Organised in two parts, it will provide an introduction to biodiversity mitigation within impact assessment, a review of recent developments and good practice in biodiversity offsets and market-based solutions and a moderated panel discussion.

This Forum will examine the benefits of incorporating biodiversity considerations in business policies and decisions and how to do so. It will review current thinking and share experiences on biodiversity offsets internationally, discuss the conservation and business risks and opportunities of biodiversity offsets, and discuss technical issues of biodiversity offset design and implementation.

## Introduction to Biodiversity Offsets: Challenges and Potential Benefits

Kerry ten Kate, BBOP, Biodiversity Offsets Initiative and Investor Responsibility at Insight Investment

# The Business Case for Biodiversity Offsets and Implementation Issues Deric Quaile, Shell/IUCN

Offset Design Methodologies

Jonathan Ekstrom, Consultant

**Jonathan Ekstrom,** Consultant, specialises in biodiversity issues, risks and their management within both the private and public sector

Wednesday, 6 June | 11:00 - 12:30 | Room 310

# TF 7.2. Conservation and Economic Development: The Role of Biodiversity Offsets (Part 2)

Chair: Jo Treweek

A panel discussion involving the audience where a perspective on the biodiversity offsets and integration of biodiversity into EIA will also be provided by Asha Rajvanshi.

Dr. Asha Rajvanshi, Wildlife Institute of India

**Dr. Jo Treweek**, ecologist and Technical Programme Manager of IAIA's Capacity Building in Biodiversity and Impact Assessment (CBBIA) Project

#### TF8. Generating Higher-level Awareness of the Value of Impact Assessment

Chair: Wes Fisher

As impact assessment practitioners, we have an increased chance of reaching new and influential audiences and building support for our profession if we can convey impact assessment's value in memorable and succinct forms. This forum will share ideas, experiences and methods for reaching decision-makers who may have no previous exposure to impact assessment, but who are in positions of influence, and who may control funding for Impact Assessment preparation, EIA review, Environmental Management Plan preparation, implementation and follow-up. Individual presenters will serve as a panel and will speak for no more than 10-12 minutes, leaving 40 minutes for open Forum discussion and recommendations for action.

Peter Croal, Canadian International Development Agency (ACDI-CIDA): Peter will summarise some of ACDI-CIDA's efforts to generate awareness of EIA's value. Peter intends to have a brief conversation with the group and then seek ideas from Forum participants on the most effective approaches for reaching decision-makers.

Luis Montañez-Cartaxo, Environmental Impact Assessment Vice Manager, Environment Protection Division of Mexico's Federal Commission of Electricity (CFE): Luis is interested in discussing how to convince decision-makers and politicians of the importance of ensuring that reasonable environmental and social impacts are fully taken into account in the conceptualization and design of a project, and that actions to prevent or manage them are monetised.

Peter Tarr of the Southern African Institute for Environmental Assessment (SAIEA): Peter will deliver an address as a Minister of Planning – to show how different his thinking is to all those Sustainability Development advocates who trawl the corridors of IAIA conferences.

Wes Fisher, The Cadmus Group: Wes will present a skit that summarizes the interaction of an EIA professional with the President and Minister of Transportation of a developing country just emerging from disaster emergency condi tions. The dialogue centers on the proposed reconstruction and improvement of a 1000 km highway and involves an effort to convince decision makers to use EIA as tool for sound environmental design and management. The skit is meant to illustrate to decision-makers the potential adverse effects of inadequate stakeholder involvement/public participation, and insufficient attention to mitigation and monitoring plan (Environmental Management Plan) preparation, budgeting, implementation and follow-up.

# TF 9. Environmental Assessment and Conflict-affected Areas: Before, During and After

Chairs: Michel A. Bouchard, Charles Kelly, Annica Waleij, Grant Wroe-Street

Armed conflict and war are major impediments to sustainable development in numerous countries. In addition to well-known dramatic humanitarian effects, they lead to less well-known serious and important environmental impacts. From degradation of natural resources, such as water, agricultural land, forest and biodiversity to collateral environmental damages such as oil spills, and finally to the collapse of environmental governance, environmental impacts of conflicts may seriously affect post conflict rehabilitation and reconstruction and may sustain conditions of personal civil unrest afterwards. Numerous examples of such damages are now well documented from conflict-affected areas including more recent examples in Lebanon.

There is an urgent need to familiarize the impact assessment community with the needs to contribute best practices, efficient methods, and state-of-the-art standards to be applied in emergency or conflict-affected areas. Participants will learn about the issues, the needs, the constraints and the usefulness of EA tools for the benefit of mankind.

The format is that of an expert panel and a focused discussion with participants. The expert panel will be composed of:

Michel A. Bouchard, Centre International des technologies de l'Environnement de Tunisie and McGill-UNEP Collaborative Center in Environmental Assessment, Canada

**Grant Wroe-Street**, UNEP Post-Conflict Branch, Geneva, Switzerland

**Annica Waleij**, Swedish Defence Research Agency, Umea, Sweden

Charles Kelly, Benfield Hazard Research center, London.UK

**Lisa Goldman**, Environmental Law Institute, Washington

The discussion will focus on

- a) Tools for environmental assessment in emergency situations or conflict-affected areas
- b) How to reconcile protection of peacekeeping mission with environmental protection
- c) Tools to prevent or mitigate environmental impacts
- d) How to fill the gap between the community of practice of IAIA and humanitarian and peacekeeping community
- e) How environmental impact assessment can contribute to relief, recovery and reconstruction alongside with sustainable development after a disaster or a conflict
- f) The application of SEA as a form of "environmental intelligence" before the conflicts, and as a standard tool for post-conflict rehabilitaton/reconstruction

Thursday, 7 June | 11:00 - 12:30 | Room 310

Thursday, 7 June | 16:30-18:00 | Room 321C

# TF 10.1. IAIA and Capacity Development: Lessons Learned and Future Directions (Part 1 of 2)

Chairs: Charlotte Bingham, Petrie van Gent

This Forum will take stock of the capacity development efforts undertaken by IAIA, extract lessons learned (do's and don'ts), and determine the most promising directions for capacity development in the future. The latter will be focused on a concrete capacity development proposal prepared by IAIA, but also leaves the floor open to new options.

#### Session I:

- · Short introduction to the sessions;
- 3 presentations on capacity building initiatives, initiated by IAIA. Presentations take 15 minutes each plus 5 minutes for questions;
- 30 minutes discussion to get a broad overview of do's and don'ts in IAIA's capacity development.
- Jo Treweek, coordinator of IAIA's Capacity Building in Biodiversity and Impact Assessment (CBBIA) Project

The International Association for Impact Assessment (IAIA) Capacity Building for Biodiversity and Impact Assessment project (CBBIA) purpose, objectives and activities and summarize the main lessons learned: some key successes and failures will be presented as a basis for discussion.

Mario do Rosario Partidario, Associate Professor at IST – Technical University of Lisbon in Portugal

Partidario served as an IAIA co-team leader for a team of IAIA SEA experts to collaborate with World Bank and China's State Environmental Protection Administration (SEPA) on a Distance Learning Course (DLC) on SEA for China and will provide an update on the current delivery of this distance learning course and the subsequent effects that this capacity-building initiative in China is now generating.

Petrie van Gent, Knowledge manager International cooperation with the Netherlands Commission for Environmental Assessment (NCEA)

This presentation will cover three IAIA capacity building activities: the training courses preceding the annual IAIA conferences, the stipend programmes that have been provided by the Netherlands and Swedish Governments over a number of years and the Good practices series as published on IAIA's website. The presentation will explain the activities, summarize the outcomes of a quick scan evaluation of these activities and the resulting do's and don'ts.

# TF10.2. IAIA and Capacity Development: Lessons Learned and Future Directions (Part 2)

Chairs: Charlotte Bingham, Petrie van Gent

#### Session II

- · Recap of Session I
- Panel introductions (30 minutes). The panel comprises the speakers of the first session together with persons related to the current capacity building proposals. The latter will give short introductions to the current IAIA capacity development proposal (Lee Wilson) and other initiatives (Weston Fisher on the mentoring programme) and possibly also a donor's view.
- Group discussions on gaps and needs, lessons learned and the current proposals (40 minutes).

## Tuesday, 5 June

14:30-16:00

#### CS16.1 Asian SEA, EIA and **Sustainability Assessment**

Room: 320A

Chairs: Kii Hayashi, Lindemark Helena, Do

Trong Nhan

378. Making EA Work for Sustainable Development: A Synthesis of Experiences from Seven Countries in Asia (China, India, Jordan, Lao PDR, Malaysia, Nepal and the Philippines)

Chenyan Zhu, Pawan Kumar Labhasetwar, Nuha Salah, Ekvinay Sayyalath, Khew Swee Lian, Gokul Prasad Burlakota, Belinda Fajardo, Natividad F.

446. Experiences from Introducing Changes and Improvements within Post-EIA Monitoring in Seven Asian Countries (India Malaysia, Mongolia, Pakistan, the Philip-pines, Sri Lanka and Vietnam)

Chandrashekhar Anantrao Moghe, Sharifah Zakiah Syed Sahab, Monkhtulga Monkhoo, Mir Sajjad Hussain Talpur, Elsie P. Čezar, Wijesooriya A.D.D. Wijesooriya, Udayachandra Ratnawansha Bandara, Pham Anh Cuong

448. SEA Trends in Asia: A Summary of Experiences from Six Asian Countries (China, Iran, Mongolia, Philippines, Sri Lanka and Vietnam)

Xinfeng Zhao, Bahman Jabbarian Amiri, Myagmar Ravdan, Criste Z. Navida, Kanthi De Silva, Nilmini Kumari Attanayake, Le Hoai Nam, Pham Thi Mai Van

#### CS23.1.1 SEA: Implementation

Room: 320B

Chair: Daniel Bongardt

730. Experience of SEA in Scotland Amanda Chisholm, Jennifer Craig

775. Health Lone Kørnøv

248. SEA: The Missing Link Between Directive and Practice

Virginio Bettini, Chiara Rosnati

11. An Introduction to SEA of Urban Comprehensive Transportation Plans He Xu, Meng Liu, Jing Wu, Chen Wen

#### CS23.1.7 SEA: Research and **Evaluation**

Room: 320C

Chair: Alfred Herberg

413. The Influence of Urban Development Density on Water Pollution Kyushik Oh, Dongwoo Lee

414. Air Pollution and New Town Developments in the Seoul Metropolitan Area Kyushik Oh, Seunghyun Jeong

535. An Evaluation of Recent SEA practice in Brazil

Luis Sanchez

#### **CS15.1 Health Impact Assessment: HIA National Systems-Experiences** and Perspectives

Room: 311A Chair: Lea den Broeder

512. Health Impact Assessment as a Health **Promotion Tool Applied in Old European Union Member Countries and Obstacles of** Introducing of Introducing HIA in New Member Countries

Mariusz Geremek, Joanna Kobza, Joanna Wozniak

490. The New Era of HIA in Thailand: The HIA Annual Report 2006 and the Strategies for Future HIA Development in Thailand Suphakit Nuntavorakarn, Decharut Sukkumnoed, Wipawa Chuenchit

312. Introduction Scheme of Health Impact As-

sessment in Korea Im Soon Kim, Young Han Han, Joo Hyun Park, Suk Woo Han, Sang Wook Han

108. Environmental Health Impact Assessment for Development Projects in Asia Sweelian Khew, Kazal Sinha

#### **CS18.1 Integrated Assessment of Trade-Related Policies**

Room: 311B

Chair: Rachel McCormick

238. Environmental and Moral Consequences of Industrialized Meat Production and Trade Kirsten Oleson, Marshall Burke, Ellen McCullough, Joanne Gaskell

587. Preliminary Assessment of the Economic and Environmental Impacts of a Canada-Ko-

Dan Ciuriak, Shenjie Chen

776. Tailor Made Strategic Environmental Assessment of Trade Agreements Johan Brons

#### **CS9.1 Energy: Energy Development Impacts-North American Perspective**

Room: 311C

Chair: Imogen Crawford

262. SERPENT of the Deep - Best Practices in Research, Monitoring and Partnerships for a Deepwater Well off Atlantic Canada Andre d'Entremont, Janne Kaariainen, Krista

445. SERPENT Project: Industry and Academia Join Forces to Improve Impact Management in the Deep Sea

545. The Role of Environmental Impact Assessments in Onshore Pipelines Imogen Crawford

556. Socio-Economic Impacts of Large-Scale Natural Resource Projects in Canada: Lessons Since the 1990's

Anne-Laure Bouvier, Solange Van Kemenade, Jean-Philippe Waaub, Christiane Gagnon

237. Balancing Between Geothermal Energy **Capacity Expansion and Wildlife Conser** vation in Kenya's National Parks/Game **Reserves with Geothermal Energy Potential** Gabriel Wetang'ula

#### **CS20.1 Public Participation: New Spaces of Governance**

Chair: Bert Enserink

278. EIA and Direct Democracy: Challenges for Top-down Participation Pekka Hokkanen

387. Participatory and Technocratic Approaches to IA: Getting the Best of Both

Jacki Schirmer

484. Mediated Representativity: The VPA AIDS and Rural Development Loes Witteveen, Rico Lie, Bert Enserink

#### **CS22.1 Social Impact Assessment in** a Developmental Context

Room: 304B

Chair: Ilse Aucamp

280. Humbo and Soddo Community-Managed Natural Regeneration Project: Social Assessment

Mesfin Admasu

\*Recipient of the IAIA President's Bursary 2007\*

366. Socio-Economic Impact of Urbanisation on Indigenous People of Urban Areas: Case Study of Rebisi People of Port Harcourt City, Nigeria

Prince Chinedu Mmom

567. Implementing Social Issues in a Trunk Road Project in China Rita Ohene Sarfoh

#### **CS6.1 Corporate Stewardship: Corporate Social Responsibility-Business Case for Impact** Assessment

Room: 307

Chair: Angela Pinilla Urzola

306. Role of Environment and Social Impact **Assessment in Corporate Social Respon**sibility

Duncan Oyaro

642. The Environment Impact Assessment as an Element of a Social Corporate Responsibility Concept: The Example of the BTC

Manfred Kirchgeorg, Elke Nickel

308. Environmental Stewardship, EIAs and the Private Sector in Guyana: An Uneasy Alliance?

Paulette Bynoe

443. The Development of Environmental and Social Programs for a Major Infrastructure Project - Lessons Learned from a Private **Corporation Perspective** 

John Saczkowski, Graeme Smith, Augusto Flores, Michael Hooper

#### **CS10.1 Impact Assessment Law, Policies and Practice: Asian Experiences**

Room: 308

Chair: Jan De Mulder

135. Revising the Regulation of Project Approval for EIA in Lao PDR
Somphath Souvannavong, Viengkhone
Bouaphachanh, Villavan Bouvoune, Vivath

Sauvaly, Akiko Urago

172. Trial of SEA in Project Approval in Lao

Vivath Sauvaly, Somphath Boudphommueng, Akiko Urago

- **271. Environmental Mainstreaming in Bhutan** *David Annandale, Karma C. Nyedrup*
- 186. An Assessment of the Effectiveness of the Environmental Monitoring System in the Halsema Road Rehabilitation Project in the Philippines

Rosemarie del Rosario

# CS15.2 Health Impact Assessment: Practice into Theory

Room: 321A Chair: Kyungho Choi

**407. Ethics of HIA** *Marco Martuzzi* 

371. Environmental Impact Assessment for the Construction of Foreshore Protection in the Niger Delta, Nigeria

Confidence Kinikannwo Wachukwu

- 241. A Fault Analysis for Health Impact Assessment: Procurement, Competence, Expectations, and Jurisdictions Martin Birley
- **652. Question Topics Covered in a Rapid HIA Workshop** *Robert Quigley*
- 728. Where Economic Regeneration and Human Health Collide: A Land Reclamation Scheme Incorporating Extraction of Coal by Opencast Methods in South Wales, UK Alison Golby, Eva Elliott, Gareth Williams

# CS8.1.1 EIA Methodologies and Practice

Room: 321B

Chair: Hyoun-Young Lee

- 574. Alternative Analysis (Cost-Benefit Analysis in EIA in Regard to Road Development Project in Korea)

  Mihee Choi
- 601. Measuring Environmental Impact: The Use and Viability of the CV Method in the Case of Mexico

Jaime Martinez-Garcia, Eduardo Dela Maza-Borja, Jesus Pulido-Castañon

689. Cumulative Effects Assessments on Forest Damages by Additional Housing Development Projects

Eun-Young Kim, Dong-Kun Lee

703. The Analysis of Temperature Reduction Effect of an Extensive Greenroof

Seung-hwan Oh, Dong-kun Lee, Seong-wan Jang, So-won Yoon

#### CS24.2.1 Sustainability Assessment: Theory and Practice Workshop Session I-Knowledge, Integration and Sustainability

Room: 321C

Chairs: Jenny Pope, Angus Morrison-Saunders

607. Unsustainable Thinking: What Do We Need to Do to Truly Implement Sustainability Assessment?

Jenny Pope, Angus Morrison-Saunders

- 787. Stakeholders and Evaluative Integration: Opportunities and Incentives to Integrate Knowledge-Some Converging Threads James Baines
- 234. Repositioning the Horse Before the Cart: A Relook at EIA Alex Weaver

744. Integrating Multiscale Impacts in Megaprojects Assessment: Philosophy, Methodologies and Practical Issues I Represe Magas Envisor

Leonardo Marotta, Giuseppe Magro, Enrico Tommasel, Stefano Picchio, Stefano Guerzoni, Virginio Bettini

# CS11.1 Environmental Information Technology

Room: 310A Chair: Kurt Fedra

- 516. Land Cover Identification of the Riparian Buffers Assigned to Paldang Water Resource Area Using IKONOS Satellite Image Sung Ryong Ha, Seung Chul Lee, Chang Hwan Ko
- 380. Remote Sensing and Photointerpretation as Essential Tools for the Monitoring of Illegal Waste-Disposal Practices Virginio Bettini, Massimo Morigi
- 692. An Integrated Information Management System of Surface, Subsurface, and Alternative Water Resources

Joon Hyun Kim, Natalia Yakunina, Sung Hoon Cho

684. Building of Web-Based Information System for Environmental Impact Assessment of Korea

Jeongho Lee, Gwang-Ho Park, Eui Sung Jung, Jeong-Hwa Hong, Jeong-Ho Yoon, Won-Mo Jeong

#### **CS23.3 SEA Capacity Development**

Room: 310B

Chairs: Nick Bonvoisin, Jiri Dusik, Ausra Jurkeviciute, Henrieta Martonakova

Experience in Capacity Development in Eastern Europe, Caucasus and Central Asia: Results and Lessons Learned Henrieta Martonakova and Ausra Jurkeviciute

SEA and EIA Capacity Development Initiatives Within the Environment for Europe Ministerial Process

Nick Bonvoisin and Jiri Dusik

Other Future Capacity Development Activities in the UNECE Region: A Resource Manual, Further Pilot Studies and Networking of Russian-Speaking Experts

Nick Bonvoisin, Henrieta Martonakova and Ausra Jurkeviciute

Brainstorming and discussion on SEA capacity development world wide.

# CS13.1 EIA and the Early Market Involvement

Room: 310C

Chair: Jos Arts, Charlotta Faith-Ell, Amanda Chisholm

529. Can Early Market Involvement Strengthen EIA?

Jos Arts, Charlotta Faith-Ell, Amanda Chisholm

741. Bridging the Gap Between EIA and Procurement Berit Balfors. Charlotta Faith-FII. Annika Varnäs

Derit Dallors, Charlotta i alti-Eli, Alliika valiias

186. An Assessment of the Effectiveness of the Environmental Monitoring System in the Halsema Road Rehabilitation Project in the Philippines

Rosemarie del Rosario

729. Scottish Experience in Procurement and EIA of Roads

Amanda Chisholm

491. Early Contractor Involvement for Infrastructure Development: Experiences and Challenges Roel Nijsten, Jos Arts

# Tuesday, 5 June

16:30-18:00

#### CS16.2 Asian SEA, EIA and Sustainability Assessment-Asian EIA and Effective Tool Development

Room: 320A Chair: Jong Ho Lee

313. EIA Monitoring Myagmar Ravdan

- 131. Modeling Phytoremediation of Heavy Metal Contaminated Mine Spoil Dumps Parikshit Verma, Harsh Vardhan Singh, Satish Ramchandra Wate, Sukumar Devotta, Rishi Narayan Singh
- 500. Environmental Risk Assessment of High-Sulfur Gas Field Development in Complex Terrain

Fanghua Hao, Xiao Wang, Honhguang Cheng

372. Environmental Specimen Bank and Environmental Impact Assessment Myungjin Kim, Byungho Yoo, Kyounghee Oh

#### **CS23.1.2 SEA: Implementation**

Room: 320B Chair: Lone Kørnøv

- 9. Impact of Urban Development Plan on Land Use in Strategic Environmental Assessment: A Case Study of Wuhan City, China Tao Tang, He Xu, Liang Guo, Guoping Jin
- 533. SEA in China A Contribution to Environmental Policy Integration? Holger Dalkmann, Zhou Yun
- 451. Transformation of German Transport Governance? Contribution of Strategic Environmental Assessment to Change in Transport Policy Daniel Bongardt
- 471. SEA, a Contribution to Sustainable Urban Design - The Approach in Berlin Alfred Herberg
- 12. Strategic Environmental Assessment in China: Status and Challenge
  He Xu

# CS23.1.8 SEA: Research Evaluation, Theories, Concepts and Guidance

Room: 320C Chair: Yong Ha Park

- 731. Application of SEA to Different Types of Plans, Programmes and Strategies: Experience in Scotland Amanda Chisholm
- 233. In Search of the Holy Grail: Exploring Causality in Strategic Environmental Assessment Francois Retief

**515. SEA for Strategic Assessment** *Maria Rosario Partidário* 

283. SEA Approach for Global Warming: A Concept and Methodology
Vincent Onyango

668. Establishing SEA Guideline for Environment-Friendly Water Resources Development

Young-ll Song, Sunhee Jung, Cheoljin Kim, Gihye Shin

#### **CS2.1 Biodiversity and Ecology: Best Practices for Mainstreaming Biodiversity Conservation** in Infrastructure and Water **Development Projects: Country and Sector Cases**

Room: 311A Chair: Asha Rajvanshi

309. Mainstreaming Conservation in Infrastructure Projects: Experiences from Latin **America** 

Juan Ouinterd

206. Development and Use of Water and Land Resources and Its Eco-Environment Issues in Xinjiang of China

Yibing Qian, Zhaoning Wu

558. Economic Cost-Benefit Analysis of **Environmental Impact of Hydropower Devel**opment Projects: A Case Study in the Upper Reaches of the Xiu River, China Fanghua Hao, Jiaxun Zhang Honhguang Cheng

#### **CS18.2 Integrated Assessment of Trade-Related Policies: Alternative Methodological Approaches to Assessing the Impacts of Trade** (Panel)

Room: 311B Chair: Rachel McCormick

The Benefits and Challenges of an in-House Approach to EA of Trade Negotiations: Perspectives from the Government of Canada Rachel McCormick

Impact Assessment of the Euro-Mediterranean **Free Trade Area** Clive George

Methodological Issues in the Impact Assessment of Trade Policy Colin Kirkpatrick

**UNEP's Integrated Assessment Methodology** for Biodiversity Impacts of Trade-Related Policy in the Agriculture Sector

# **CS9.2 Energy: Energy Growth and**

Room: 311C

Chair: Anne-Laure Bouvier

439. Economic Growth, Energy Consumption and Pollutant Discharge Quantity Control of China

Hongguang Cheng, Li Gong, Xiao Pu, Dan Wang

- 468. The Main Environmental Problems in China's Coal Mine Industry and the Countermeasures Haiqing Geng
- 779. The Impact of Renewable Energy Projects in Tanzania on Poverty Alleviation and Environmental Management: The Case of Biogas Use in Rungwe District South West Tanzania Agnes Mwakaje Kamanga
- 524. Meeting the Energy Needs of Under-served Consumers A Novel Approach Ben Witchalls, BP Emerging Consumer Market
- 592. Energy and Products from Agricultural **Biomass: Prospects and Issues**

F. Larry Leistritz, Donald M. Senechal, Nancy M. Hodui

#### **CS20.2 Public Participation in Asia**

Room: 304A Chair: John Devlin

- 143. Public Participation in EA on Community Water Resource Development Project Yanyong Inmuong
- 362. Public Participation in Wastewater Treatment Planning in Thailand—Experimental Stakeholders' Meeting in Amphawa District Mihoko Matsuyuki, Raywadee Roachanakanan, Mizuo Kishita, Sadatsúgu Nishiura, Bunlur Emaruchi, Kobkaew Manomaipiboon
- 463. Public Participation in Taiwan EIA Hsiao-Tien Wu, Wei-Chien Sun, Tung-Wan Chang
- 591. Public Involvement of English Style in the **Process of Regional Spatial Strategy Devel**opment - Focusing on the South East Plan Takashi Shimizutani, Sachihiko Harashina

#### **CS22.2 Social Impact Assessment: Social Conflict**

Room: 304B

Chair: Ilse Aucamp

660. Enhancing Conservation through Integrated Social and Environmental Assess-ment: A Case Study from a Mining Project in Argentina

Gillian Davidson, Pierre Pelletier, Sean Cullen, Andrew Burwood

- 235. Impact Assessment in the Face of Land **Use Regulation: Dealing with Conflict** through the Use of Stakeholders Dialogue Basilio Verduzco-Chavez, Nora Leticia Bringas
- 395. Environmental Conflict Management and **Impact Assessment in Korea** Deok-Gil Rhee

#### **CS12.1 Environmental Management** Systems: Linking EIA and EMS

Room: 307 Chair: Debra Zanewich

- 310. Possibilities of Strengthening of EIA Process by EMS and Vice Versa Andrej Ursic, Simona Ursic, Borut Mlakar
- 256. Environmental Impact Assessment (EIA) and Environmental management Plan (EMP) on Melamchi Water Supply Project in Nepal Anil Khanal, Ram Bahadur Khadka, Suman Sharma
- 330. Environmental Impact Assessment in an Oil and Gas Company Petroleum Development Oman Experience Maisoon Al Riyami
- 701. Impact of Mining on Community Water -Tarkwa Mine in Ghana Michael Ampim Sackey
- 768. Environmental Impact Assessment for **Waste Treatment Options** Seung Hoon Lee

#### **CS10.2 IA Law, Policies and Practice: African Experiences**

Room: 308 Chair: Jan De Mulder

- 218. Zoning the Kruger National Park: The 80 Year Blue Sky Scenario
- 247. Environmental Impact Assessment Legislation in Uganda Harriet Mujuni

675. EIA Review, Enforcement and Funding: Lessons Learned from a Strategic Review of Mali's EIA System Mark Stoughton

682. EIA Review and Follow-up: "Leadership Models" for EIA Effectiveness in Africa Mark Stoughton

#### **CS15.3 Health Impact Assessment: Policies and Plans-Towards a Strategic Assessment of Health**

Room: 321A Chair: Ben Cave

- 406. Health and the SEA Protocol: Addressing Conceptual and Methodological Challenges Matthew Soeberg, Marco Martuzzi
- 511. Introduction to Health Impact Assessment The Current Regional Decision-Makers Activity in Health Policy in Poland Joanna Kobza, Mariusz Geremek
- 369. Health Benefits of Reducing PM10 through the Seoul Air Quality Management

Jeongim Park, Hyunjoo Bae, Myung-Hyun Kim, Jong-sik Ha

623. An Online Guide for Inclusion of Health in EIA/SEA

Lea den Broeder, Theo van Alphen, Ilse Storm, Anne Knol, Veronica ten Holder, Geert Draaijers

#### CS8.1.2 EIA Methodologies and **Practice**

Room: 321B

Chair: Hyoun-Young Lee

417. The Quality of Environmental Impact Statements of Waste Incineration Projects

Kimmo Jalava, Sanna Pasanen, Markku Kuitunen

422. Environmental Impacts in Solid Waste **Management Systems: An Impressive Case** 

Vincenzo Belgiorno, Daniele Panza, Giuseppe Giannella

493. Environmental Assessment for the Large-Scale Waste Landfill Site in Seoul Metropolitan Area

Jakon Koo, Muchoon Lee, Kyunga Lee

- 575. Keystones and Outlines on Appraisal of EIA on Petroleum - Refinery and Ethylene Industrial Proposed Projects Shaoqing Zheng
- 612. A Consideration of the Hydraulic Simulation of a Dam to Reduce Algal Bloom Soon-Ju Yu, Sung-Ryong Ha, Dong-Il Jung, Jong-Yeon Hwang, Min-Hi Chae

#### **CS24.2.2 Sustainability Assessment: Theory and Practice Workshop II-Sustainability and Decision-Making**

Room: 321C

Chairs: Jenny Pope, Angus Morrison-Saunders

- 124. Sustainability Assessment of Poverty Reduction Strategy Papers Jean Hugé
- 734. A Framework for the Assessment of Biofuels's Sustainability: The Case of the Best Project Rocio Diaz-Chavez, Jeremy Woods

215. Evaluation of Sustainability in Spatial

Planning and Management: Shortcomings in the Implementation of an Integrated Approach at Sub-Regional Scale Marta Olazabal, Gemma García, Oscar Santa Coloma, Arantzazu Urzelai, Efren Feliu, Itziar **Aspuru** 

487. Sustainable Development in Practice: Infrastructure for the Third Generation Mobile Telephone System in Sweden Stefan Larsson, Lars Emmelin

273. Sustainability Appraisal and Flood Risk Management in England Jeremy Carter

# **CS4.1 Climate Change: Impacts on**

Room: 310A

Chair: Wha-jin Han, Jin Hwan Hwang

276. Vulnerability and Adaptation of Wetland-**Based Ecosystems in Relation to Climate** Variability and Extremes in Lake Victoria **Basin** Madaka Tumbo

670. Coastal Setback: Precautionary Approach

to Climate Change and Its Impact on Coastal Area in Korea Jungho Nam, Jongdeog Kim

685. Prediction of Plant Communities Using

Regional Climate Model in Korea Jae-Uk Kim, Dong-Kun Lee

763. The Impact Assessment of High Wind in Youngdong Region Jun Suk Hong

663. Typhoon Damage Impact Assessment of the Young-dong Region Chang Yong Park, Hyoun-Young Lee

#### **CS25 Transboundary Impact Assessment: Case Studies in EIA in a Transboundary Context**

Room: 310B

Chairs: Wiek Schrage, Nick Bonvoisin

363. Post-Project Review on Navigation Channel Improvement Project of Upper Mekong

Mikiyasu Nakayama, Naho Mirumachi

450. Improving Impact Assessment Methodologies in Transboundary Watercourses: Lessons from Africa and Asia Lisa Goldman, Carl Bruch

#### **CS13.2 EIA and the Early Market Involvement II**

Chair: Jos Arts, Charlotta Faith-Ell, Amanda Chisholm

780. Highway Privatization Impacts: We Can't **Get No Satisfaction** James T. C. Wright

222. Integrating IA into M & E Systems Ayn Grace Regalado

561. ESIA - No Longer a Tick in the Box for Oil

Ben Witchalls, Rob Finney, OGP ESIA Taskforce

538. EIA and Then What? Client and Contractor **Responses to Environmental Requirements** Charlotta Faith-Ell, Kristina Lundberg

## Wednesday, 6 June

14:30-16:00

#### CS16.3 Asian SEA, EIA, and **Sustainability Assessment: Asian SEA and New Direction**

Room: 320A

Chair: Young-II Song

520. The Evolution of Environmental Planning for Korea's Local Government Do Kyung Lee, Mu Choon Lee, Min Ho Hong

356. Developing Sound Environmental City Center by Strategic Environmental Decision Making Ápproach in a Tokyo Business Center Kii Hayashi, Shigeru Inoue

257. The Future of Korean Dam Construction and SEA

Jeong Min Yee, Cheol Jin Kim, Pil Joong Moon, Sung Woo Lee

#### **CS23.1.3 Strategic Environmental** Assessment: Introducing SEA Systems

Room: 320B

Chair: Sachihiko Harashina

175. Strategic Environmental Assessment in Land Use Planning for Poverty Reduction: Lesson from Tanzania

Alexander Chambi, Raphael Mwalyosi

347. The Experience of Developing the Methodical Provision for Conducting Strategic **Environmental Assessment in the Republic** of Belarus

Viktorvia Misiuchenka

658. Towards Sustainable Electricity Projects: The Establishment of Strategic Environmental Assessment in the Federal Commission of **Electricity, Mexico** 

Francisco Javier Díaz-Perea, Luis E. Montañez-Cartaxo, María del Carmen Álvarez-Chávez, Vicente Aguinaco-Bravo

553. Growth Management and SEA Sachihiko Harashina, Yuki Shibata, Terukazu Kumazawa

#### CS15.4 HIA Kaleidoscope: **Environmental Factors**

Room: 320C

Chair: Jeongim Park

447. Consideration of the Impacts of Noise in **Health Impact Assessment and the Canadian Environmental Assessment Act** Maraaux Brisco, Diane McClymont-Peace

486. HIA in the Health Assembly: Case Study of Health Hazards Prevention from Mining Policy, Thailand

Somporn Pengkam, Decharut Sukkumnoed

374. Assessment of Health Risk Exposure of Solid Waste Disposal Workers in Port Harcourt, Nigeria

Confidence Kinikanwo Wachukwu, Evangelin Eleanya

**CS2.2 Biodiversity and Ecology: Global Responsibility for Integrating Biodiversity in Impact Assessment: Review of Experiences from around** the World (Role of Business Groups and Other Country-Specific Efforts)

Room: 330A Chair: Peter Croal

130. The First Step Toward Biodiversity Conservation in Shell Nigeria: The Biodiversity Action Plan for the Gilli-Gilli Forest Reserve Oritsetimeyin Dada, Jonathan Amakiri

227. Integrating Biodiversity Conservation in Impact Assessment in Uganda Berina Uwimbabazi

359. Building Capacity for Biodiversity-Inclusive Impact Assessment in the Regional Context

Asha Raivanshi, Vinod B. Mathur

370. Integrating Environmental and Biodiversity Concerns in Development Planning Through Enabling Policy and Regulatory Framework

Vinod B. Mathur, Asha Rajvanshi

#### **CS20.3 Public Participation: Contentious Issues**

Room: 304A Chair: Bert Enserink

117. Challenges of Public Disclosure of Social and Environmental Issues at the Local Level

Mohammed Hamadina

537. Political Contention, Public Participation and Political Mobilization: The Matola Hazardous Waste Incinerator John Devlin

298. Druzhba-Adria Case Study. Public Participation Success Story: Public Pressure and Alliances against Poor Legislation and EIA as Legitimizing Device

Dusica Radojcic

#### **CS22.3 Social Impact Assessment: SIA and Responsibility**

Room: 304B Chair: Ilse Aucamp

193. Role of Social Impact Assessment (SIA) in Development of Special Economic Zone (SEZs), an Indian Perspective Chandrashekhar Moghe, Dilip Ramteke, Satish

388. Using SIA to Develop Structural Adjustment Policy: Improving the Dialogue **Between SIA Practitioners and Government** Jacki Schirmer

602. The "Awakening" of SIA in the Northwest Territories, Canada: The Mackenzie Valley **Environmental Impact Review Board's Ex-**

. Marv Tapsell, Alistair MacDonald

#### **CS6.2 Corporate Stewardship: International Best Practice Session**

Room: 307

Chairs: Charlotte Bingham, Angela Pinilla Urzola

386. Equator Principles Maartje van Putten

664. IFC Performance Standards in Practice: A Methodology for Integrating Social and Environmental Effects for the Assessment of a Mining Project in Argentina

Andrew Burwood, Sean Cullen, Gillian Davidson, Pierre Pelletier

444. The Development of Environmental and Social Programs for a Major Infrastructure Project - Processes and Successes John Saczkowski, Graeme Smith, Augusto Flores,

**Environmental and Social Risk Management** at Citi

Courtney Lowrance

Michael Hooper

#### **CS10.3 IA Law, Policies and Practice: Thoughtful Impact Assessment and Practice**

Room: 308 Chair: Jan De Mulder

672. Facility-Level Sustainability Reporting to Support Next-Generation Environmental Policy: The Experience of the Facility Reporting Project

Mark Stoughton

550. EIA Decision-Making and Natural Justice Angus Morrison-Saunders, Gerard Early

706. 'Bling' and the Art of Impact Assessment Rob Verheem, Angus Morrison-Saunders, Jos Arts

723. Avoiding Extinction: Proving the Business Case for IA and IA Practitioners

Francois Retief, Ross Marshall, Angus Morrison-

#### **CS15.5 Health Impact Assessment: HIA National Systems: The Way Forward**

Room: 321A

Chair: Suphakit Nuntavorakarn

398. Health Impact Assessment in Korea Young Soo Lee, Young Ha Kim, Jin Hee Park

149. Build Up a Suitable Model for Health Impact Assessment on Current Situation of Vietnam

Hai Doan Ngoc

328. Health Impact Assessment: What We Should Do in Mexico

Julieta Pisanty-Levy

145. Applying Participatory Health Impact Assessment for Advocating Development of Healthy Public Policy in Thai Local Government Planning Processes

Uraiwan Inmuong, Lertchai Charerntanyarak, Peter Furu

#### **CS8.1.3 EIA Methodologies and Practice**

Room: 321B Chair: Bhon K. Koo

191. Environmental Management Plan for CBM **Exploration and Development in Damodar** Valley, India

Harsh Vardhan Sinah

440. Outcomes and Complexities of the EIA of a Large Hydro-Power Project in Mexico: The Implications of Introducing an Interdisciplinary Approach and the Benefits of Public Participation in its Early Stages Sergio Contreras, Javier Clausen

539. Water Quality Simulation for Optimum **Hydraulic Situation in Daecheong Reservoir** SungRyong Ha, JaeYil Lee

702. A Study on the Fate of the Pollutant in Transitional Zones of Lake Juam Hyun Saing Mun, Yu Jeong Huh, Su Young Park, Nam Ik Chang

#### **CS24.1 Sustainable Development:** Sustainable Development in Africa I

Room: 321C

Chair: Kwang Yim Kim

116. Economic Development versus Social and **Environmental Sustainability: A Cursory** Look at Obajana Cement Project in Nigeria Mohammed Hamadina

119. Impact Assessment and Environmental Sustainability in the Niger Delta Region of Nigeria: The Role of Government and Oil **Companies Operating in the Region** Collins Ugochukwu, Jeurgen Ertel

144. Water Governance and Sustainable Use of Water Resources in Uganda Through EIA Richard Osaliya

#### **CS4.2 Climate Change: Impacts and** Mitigation

Room: 330B Chair: Wha-jin Han

585. SEA of a Problem: Climate Change Miguel Coutinho, Raquel Pinho, Carlos Borrego

317. CDM&SEA: Potential Programmatic Fu-

Holger Dalkmann, Daniel Bongardt

332. Emission Status of Air Pollutants for the **Compliance of Climate Change** Jong-Gwan Jung, Gab-Sue Jang

#### **CS3 Capacity Building**

Room:330C

Chair: Axel Olearius

167. Capacity Building for Impact Assessment: Lessons and Experiences from Tanzania Hussein Sosovele

577. Applying the OECD Guidance on Strategic Environmental Assessment, Capacity Development in the Context of German Technical . Cooperation

Axel Olearius, Harald Lossack

767. Case Study - Capacity Building on Biodiversity and SEA in South America Juan Čarlos Garcia de Brigard, Juan David Ouintero

508. Building Capacity for SEA in Brazil Maria Rosario Partidário, Fabricio Amilivia Barreto, Ruy de Goes Leite de Barros, Leandro Freitas Couto, Izabella Teixeira, Vania Araújo

568. The World Bank's Pilot Program on Institutions-Centered SEA

Fernando Loavza

#### CS19.1 Land Use Planning, **Transportation, Landscape: Land Use in Urban Environment**

Room: 323

Chair: Dongwon Shin

125. Economic Development, Urban Growth and Impacts: Issues of Livelihood, Vulnerability and Sustainability in Yenagoa Metropolitan Area, Bayelsa State, Nigeria Meshach Ojile

361. Applicability of Strategic Environmental Assessment (SEA) to Urban Planning in

Mizuo Kishita, Mihoko Matsuyuki, Sadatsugu Nishiura

389. Urban Development and Impact Matilda Sotiri

678. Policies for Managing Urban Growth in the Seoul Metropolitan Region Jin Hwan Kim

# Wednesday, 6 June

16:30-18:00

#### **CS16.4 Impact Assessment in Asia:** Asian SEA, EIA and Sustainability **Assessment-SEA/EIA Systems and** Cases in Asia

Room: 320A Chair: Kii Havashi

752. Introduction of Case with a Series of **Environmental Consideration from Loca**tion Selection to EIA in a Certain District in Japan

Ritsuko Sato, Yasusuke, Kurosaki

410. Environmental Impact Assessment (EIA) in the Philippines: Roads Taken, Lessons **Learned for Mining Projects** Maria Lourdes Nanette Catalon, Melanie Manaoa

772. Utilized Methods of Comparing Alternatives in Environmental Impact Assessment

Sachihiko Harashina, Yuki Miyashita, Nobuhiro Hara

225. An Emphasis on the Need for Systematic Review of the Environmental Impact As-sessment Process in Iran

Feraidoon Ghodoosi, Ahad Sotoudeh, Reza Chalabianlou

#### **CS23.1.4 Strategic Environmental Assessment: Methodological Aspects**

Room: 320B Chair: Xu He

136. Geographic Information Systems in Strategic Environmental Assessment: Can Spatial Data Improve the Process? Ainhoa Gonzalez, Alan Gilmer, Ronan Foley, John Sweeny, John Fry

156. Anthropogenic Impacts on Pristine Socio-Ecological Whole-System Facing **Directional Changes: Strategic Environ**mental Assessment in Bhutan Himalayas Dipayan Dey

307. Development of Alternatives for Use in Strategic Environmental Assessment Margaret Desmond

327. Strategic Environmental Assessment: The **Challenges of Rolling Up Separate Planning Efforts** 

Cynthia Pratt

365. Ensuring High Quality Environmental Objectives, Targets and Indicators in Strategic **Environmental Assessment (SEA** Alison Donnelly, Terry Prendergast, Mike Jones,

Tadha O'Mahony

#### **CS15.6 HIA Capacity Building in Mekong Countries**

Room: 320C Chair: Robert Bos

647. Progress Report on HIA Capacity Building Activities in the Mekong Region 2003-2007 Peter Furu

355. HIA Capacity Building in Lao PDR: Formulating a National HIA Policy and Setting Up an Institutional Structure Soutsakhone Chanthaphone

HIA Capacity Building in Cambodia: Health in **Existing EIA Practice** Duang Samkeat

HIA Capacity Building in Viet Nam: Taking Capacity to Scale at the Provincial Level Tran Thi Ngoc Lan

HIA Capacity Building in Thailand: Lessons to **Be Learned** 

Yanyong Inmuong

HIA in the WHO Region of the Western Pacific: Status and Outlook

Hisashi Oaawa

Discussion.

#### **CS17 Indigenous Peoples**

Room: 311 Chair: Fric Brusberg

166. Identification of the Social and Environmental Impact Assessment of the Land Titles Policies on the Indigenous Populations of the Peruvian Amazonia. Consolidation of the Communal Property of the Indigenous Communities Asháninka as a Strategy Nancy Milagros Ortega Vásquez

603. Involving Canada's Indigenous Peoples in Environmental Assessment: Co-Management through the Mackenzie Valley **Environmental Impact Review Board** Gabrielle Mackenzie-Scott, Vern Christensen, Graham White

646. Poverty and Inclusion of Indigenous Peo**ples** *Ginette Lajoie* 

659. Creating Inclusive Environmental Assessments in Canada: Examples from Northwest **British Columbia** Gillian Davidson

#### CS8.1.8 EIA Methodologies & Practice

Room: 310 Chair: Suk Jo Lee

185. A Study on Individual Perceptions of Road **Traffic Noise** 

Belinda Fajardo

249. Navigating the Maze: Coordinating Multiple EA Frameworks for an International **Transportation Project** Kaarina Stiff

400. The Ranges of Magnetic Fields in Highvoltage Transmission Lines for Evaluation of **Environmental Impact** In-Soo Jeon

527. Alternatives and Assessment in Largescale Projects - The Öresund Bridge Case Eric Markus

**CS2.3 Biodiversity and Ecology:** Importance of Integrating **Biodiversity in Impact Assessment** and Decision Making for Promoting **Economic Growth and Human Welfare: Developing Links for Best Practices** 

Room: 330A Chair: Jo Treweek

195. Appropriate Assessment Practices and Reports in Finland Tarja Söderman

333. Early Findings from the Appropriate Assessment of Plans as Required by the Habitats Directive 92/43/EEC Orlando Venn, Jo Treweek

367. Human Density, Industrialisation and Economic Growth in the Niger Delta, Nigeria: An Assessment of Their Impact on the Man**grove (Forest) Resources** *Prince Chinedu Mmom* 

#### **CS20.4 Public Participation: Public Participation in Western Countries**

Room:304A Chair: John Devlin

492. Social Learning for Better Water Management - Insights from the EU HarmoniCOF **Project** Bert Enserink

502. Public Participation in the North American Agreement on Environmental Cooperation Aranka Podhora

456. Waste Facility Siting and Citizen Involvement in US Akino Tahir

#### **CS22.4 Social Impact Assessment:** The Relationship Between SIA and the Government (Roundtable)

Room: 304B Chair: Ilse Aucamp

How well do those in government understand what impact assessment can contribute? What can be done to improve their understanding?

An open discussion with interested members will be conducted. Matters to discuss include the relationship between government organisations e.g., mining, water affairs, economic affairs, environmental affairs, social development, agriculture and SIA.

#### **CS12.2 Environmental Management Systems: EMS: Implementation** of Environmental Management **Systems**

Room: 307 Chair: Angela Pinilla Urzola

764. East-West, Home Is Best: The "Komi-Aluminium Project" and Lessons Learned Marina Khotuleva, Sean O'Beirne, Egor Yurkin

250. How an Electrical Distribution Company in Brazil Is Reducing Environmental Impact by Means of EMS

Sandra Neusa Marchesini Ferreira, Roberta Soares

773. Occupational Health and Safety Management Systems - Organisational Approach **Towards Implementation** 

Tine Herreborg Jørgensen, Mette Mosgaard

438. Informing the Environmental Impact Assessment of Major Pipeline Projects Through the Use of Environmental Management Systems Information

Kent Lien, Ken Colosimo

#### CS10.4 Environmental IA Law, **Policies & Practice: Worldwide Experiences**

Room: 308

Chair: Jan De Mulder

318. Russian-German Manual on Environmental Impact Assessment Wolfgang Wende, Anja May, Koeppel Johann

431. Role of EIA on the Decision-Making Process for Hazardous Waste Management Facilities in Mexico

Maria Teresa Gomez Osorio, Dick Cobb, Alan Rond

151. Evolution and Evaluation of the EIA System in Iran

Hossein Moradi, Bernhard Schmid

4. EIAs of Road Project in Japan Shinri Sone, Yoshiharu, Namikawa, Fumiharu

353. Actual Condition of EIA Review Committees in Japanese Local Governments Shigeo Nishikizawa

724. A Comparative Analysis of Environmental Impact Assessment Law, Policies, and Practices in Latin America Ernesto Sanchez-Triana, Santiago Enriquez

#### **CS15.7 Health Impact Assessment: HIA Kaleidoscope: Physical Health Factors**

Room: 321A Chair: Eenieong Kang

412. How to Promote Dietary Fiber: From a Simple Message to a Complex Policy Peter Gry, Gabriel Gulis, Marco Martuzzi, Matthew Soeberg, Peter Otorepec, Elżbieta Grochowska Niedworok

379. Effect of Lime (Quick Lime Ca0) Stabilisation on Intestinal Pathogens in Domestic Septage: A Pre-Disposal Treatment Confidence Kinikanwo Wachukwu

349. Environment and Health Impact Assessment of Pesticides Use for Public Policy **Decision Support in Local Level** Jittima Rodsawad, Navin Sopapoom

#### **CS8.1.4 EIA Methodologies & Practice**

Room: 321B Chair: Bhon K.Koo

179. Cooperate Stewardship in Conservation through Impact Assessment: The Case of Grumeti Reserves Limited in Serengeti, Tanzania

Beatrice Mchome

470. Analysis of Three-Side Dynamic Iterative Game Theory of Many Phases in EIA Hongguang Cheng, Xiao Pu, Dan Wang, Li Gong

472. Application of Multi-Objective Evaluation on Selecting the Program Project - A Case in Environment Impact Assessment of Dian**zhong Delivery Water Project** Hongguang Cheng, Dan Wang, Li Gong

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636. The Environmental Evaluation Method of Coastal Land Reclamation: Case Study of Korea

Sung-Soon Yoon, Jin-Sook Yoon, Chul-Oh Shin, Myung-Gook Jeoung

743. Quantifying Cumulative Impact Assessment with Dynamic Computational G.I.S. System in a Multi-Stressor Area: A Case Study on a Waste Treatment Plant in Italy Giuseppe Magro, Leonardo Marotta

### **CS24.2 Sustainable Development: Sustainable Development in Africa**

Room: 321C

- 506. Impact Assessment, Environmental Conservation and the Sustainable Development of Petroleum Resources in the **Endangered Nigerian Delta Region** Edward Bristol-Alagbariya
- 748. Sustainable Development in Environmental Impact Assessment of Road **Projects: State of Practice and Future Trends in Africa**

Jean-Philippe Waaub, Djibo Boubacar, Marauerite Wotto

405. Economic Growth vs. Environmental Protection

Segaetsho Shado Ramahobo

#### **CS4.3 Climate Change: Climate Change in Urban Areas**

Room: 330B Chair: Wha-jin Han

- 408. Does the Restoration of an Inner-City Stream in Seoul Affect Local Climate? Yeon-Hee Kim, Jong-Jin Baik, Hae-Jung Koo, Kyu Rang Kim, Byoung-Cheol Choi
- 437. The Promotion of Environmental Assessments Concerning Urban Climate and Air Quality in Spatial/Land Use Planning in Seoul, Republic of Korea

Jeong-Hee Eum, Johann Köppel, Dieter Scherer, Ute Fehrenbach

458. Global Warming, Urbanization, and **Heat Waves** 

Byoung-Cheol Choi, Jiyoung Kim, Dae-Geun

573. Radiative Impacts of Urban Aerosols in Seoul, Korea Jiyoung Kim, Byoung-Cheol Choi

- 570. Building Wind Impact Assessment of Skyscrapers in Seoul, Korea Nahm-Joo Hur, Kyoo-seock Lee
- 771. Evaluating Microclimatic Impact Assessment of High-Rise Buildings in Korea Jae-cheol Kim, Eun-Soo Chahng, Kyoo-seock

#### **CS23.2 Strategic Environmental Assessment: SEA in Vietnam: Recent Progress and Future** Challenges

Room: 330C Chairs: Nguyen Khac Kinh, Jiri Dusik, Harald Lossack

21. SEA in Vietnam: Recent Progress and Future Challenges

Axel Olearius, Khac Kinh Nguyen, André Lova, Nam Le Hoai, Pham Ngoc Dang

- SEA in Vietnam: Development of a Legal System and a Framework for Capacity Building Nguyen Khac Kinh
- **Hydropower Planning and Sustainability: SEA** of Hydropower Plans for the Vu Gia - Thu Bon River Basin in Vietnam
- SEA of Spatial and Sector Plan at Regional and Provincial Level in Vietnam: Outcomes and **Lessons Learned**

Le Hoai Nam, Niels Juul Busch

SEA of the Vinh Phuc Socio-Economic Development Plan in Vietnam: Outcomes and **Lessons Learned** 

Bruce Dunn, Axel Olearius, Herbert Christ

**Linking SEA and City Development Strategy in** Vietnam

Maria Partidario, Dao Minh Chau, Nguyen Van Duyen

476.Linking SEA and City Development Strat**egy in Vietnam** *Maria Partidario, Michael Paddon, Dao Minh* 

Chau, Nguyen van Duyen, Markus Eggenberger

#### CS19.2 Land Use Planning, **Transportation, Landscape: Land Use in Government**

Room: 323 Chair: Myung-Woo Lee

- 230. Non-Land Use Planning in Sub-Saharan Africa: Kenya - Solutions and Incentives to Government Responsibility Sarah Macharia
- 285. When the Urban Environment Encroaches on State-Managed Land: How Does the **State Balance Interests?** Cynthia Pratt
- 321. Strategic Guidelines for the Integrated Development of Valdaso (Aso Valley) (Ascoli Piceno) - Marche - Italia Virginio Bettini, Marco Stevanin, Pippo Gianoni,

Marco Abordi, Federica Marangoni, Fabrizio Torresi

382. Marbled Murrelet Initiative: Land Use **Challenges Amending a Federal Habitat Conservation Plan** Cvnthia Pratt

# Thursday, 7 June 14:30-16:00

#### **CS16.5 Impact Assessment in Asia:** Asian SEA, EIA and Sustainability **Assessment-Asian EIA Cases in Water** Sector

Room: 320A Chair: Kii Hayashi, Young-Il Song

473. Evaluation of Effect of TMDL on Local Gov-

MyoungSoon Bae, SungRyong Ha, EulRyul Ryu

- 673. Marine and Social Impacts by Large-scale **Reclamation of Coastal Wetlands in Korea** Keunhyung Yook, Jungho Nam
- 683. Impact Assessment of Urban Wetlands in the Western Province of Sri Lanka

Kalyanaratne Attanayake, Nilmini Attanayake

#### CS23.1.5 SEA: Methodological **Aspects**

Room: 320B Chair: Sang Eun Lee

- 381. Improving Data Usability for Effective **Environmental Indicators in Strategic Envi**ronmental Assessment Peter Mooney, Alison Donnelly
- 415. Challenges in the Development of Landscape Indicators for Local Authority SEA Reporting Lianda d'Auria
- 586. Cumulative Effects Considerations in Strategic Environmental Assessment Bram Noble, Jill Harriman
- 687. Multi-Stage Environmental Impact Assessment on Processing for Toxic Wastes Abandoned Illegally Masaru Ito
- 756. The Introduction of Alternative Environmental Assessment Model: APEMI IA Model Im Soon Kim, Joo Hyun Park, Sang Wook Han, Young Han Han, Suk Ho Lee, Duk Woo Kim

#### CS8.1.7 EIA Methodologies and **Practice**

Room: 320C

Chair: Kyoo-Seock Lee

404. EIA: Web-Based Tools for a Participatory Approach Kurt Fedra

- 713. Geographical Barrier Mapping Ji Young Kim
- 717. A Web-Based Expert System of East River Watershed in Korea for Conservation of Ecology and Environment

Joon Hyun Kim, Natalia Yakunina, Doo San Choi

721. GIS-Based Assessment of Carrying Capacity and Spatio-Temporal Visitor Management for National Parks: Focusing on the Mt. Chiri **National Park in Korea** Min-Ho Son, Woo-Kyun Lee

#### **CS7 Disaster and Conflicts**

Room: 311

Chair: Michel A. Bouchard

424. Environmental Impact Assessment in Peacekeeping Missions - Challenges and Opportunities

Birgitta Liljedahl, Annica Waleij, Svante Olsson, Russ Doran

- 429. From Policies to Practice Environmental Support to Peacekeeping Operations Annica Waleij, Gabriele Borla, Birgitta Liljedahl
- 590. The Impact on Woodland of Refugee Camp in Kigoma Region, Western Tanzania Joseph Kihaule
- 699. EIA Tools for Extreme Environments: Current Coverage and Gaps Remaining Charles Kelly

#### **CS8.1.9 EIA Methodologies and Practice**

Room: 310 Chair: Seokho Lee

- 655. Compensation Integrated into Infrastructure Planning and EIA in Finland, Case: **Europe E18 Motorway Turku-Vaalimaa** Tiina Kähö
- 704. SEA Guideline of Road Planning Mu Choon Lee, Kong Jang Cho

337. Longitudinal Assessment of the Social Impacts of the Coppabella Coal Mine, Queensland, Australia

John Rolfe, Galina Ivanova, Stewart Lockie

- 715. The Study of the Integrated Evaluation and Management System for the Artificial Ground Greening in Urban Area in Korea Dong-kun Lee, So-won Yoon, Seung-hwan Oh, Seong-wan Jang
- 645. Supporting South Africa's Economic Development through the Evaluation and Improvement of Environmental Assessment Tools

Brent Johnson, Doug Trotter

#### CS2.4 Biodiversity and Ecology: Integrating Biodiversity in Impact Assessment for Strengthening Resource Conservation: Mainstreaming Tools, Methods, and Case Studies

Room: 330A Chair: Tae Ho Ro

- 214. Ecological Function Districts and Their Eco-Construction in River Corridor in the Middle and Lower Reaches of Tarim River Huarong Zhou, Duning Xiao
- 544. Model Selection for Predictive Species Range Mapping

Changwan Seo, James Thorne, David Stoms, Wilfried Thullier, Frank Davis, Lee Hannah

170. Impact of Income on Household Energy Use Patterns in Botswana: Implications for Economic Growth and Forest Biodiversity Conservation

Charity Kerapletswe

# CS20.5 Public Participation: Discussion on Cooperation and Stakeholder Participation in Transportation and Infrastructure Planning

Room: 304A Chair: Jos Arts

530. Stakeholder Participation in the Road Planning and EIA Process: The Case N18/ Achterhoek in the Netherlands Jan Nuesink, Luis Martins Dias, Christa Kempenaar, Benno Bultink

531. Stakeholder Participation in the Road Planning and EIA Process: The Case E22/ Eastern Entrance to Riga in Latvia Jan Nuesink, Luis Martins Dias, Christa Kempenaar, Benno Bultink

# CS22.5 Social Impact Assessment: SIA in a Pan-Asian Context

Room: 304B Chair: Mary Tapsell

- 399 .The Effectiveness of Social Variables in Social Impact Assessment: The Korean Case Juchul Jung, Jaeyoung Lim
- 483. A Methodological Issue in Post-Project Assessment of Social Impact: Case Study of Involuntary Resettlement Caused by Dam Construction in Japan Naruhiko Takesada
- 677. Assessing the Economic Benefit of Natural Preservation from Marine Protected Area: A Case Study of Saeng-Do Island, Busan Chul-Oh Shin, Won-Keun Chang

750. Social Impact Assessment of the Limestone Mining Industries in Local Communities of Korea Young Chul Shin

396. Post-Project Review on Resettlement Scheme Applied for a Dam Construction Project in Indonesia

Syafruddin Karimi, Mikiyasu Nakayama, Ryo Fujikura

554. Socioeconomic Impact of Designating a Marine Protected Area in Korea Won Keun Chang

#### CS14.1 Governance

Room: 307 Chair: Jong-Gwan Jung

292. Social Impact Assessment of Technology Use for Good Governance in Bangladesh: Prospect of Learning from the Newly Industrialized Asian Economies Md. Khalid Hossain

397. Knowledge Integration Approach for Sustainability Policy

Dongwon Shin

600.The Appraisal of Growth and Conservation in Promoting Corporate Governance of Sustainability

Jokotade Folasade Odekunle

778. The Big Picture View: Using Conceptual Impact Models to Identify, Communicate and Provide Clarity on Important Issues Lorne Greig, Kim Pawley

# CS1.1 Agriculture, Forestry and Fisheries Session 1

Room: 308

Chair: Mark Curtis

- 329. Strategic Environment Assessment of National Water Plan of Nepal Ram Khadka
- 384. Assessing the Social Impacts of Changes in Fisheries Policy: A Review of Recent Australian Experience

  Jacki Schirmer
- 419. Growth, Conservation and Responsibility: Promoting Good Governance and Corporate Stewardship through Impact Assessment - Niger Delta Experience David Nwiisuator, E.A. Emerhi Bukola, A.

Oyebade, C.P. Wolf

562. Mountains-Scale Forest Fragmentation Delineation Using Multi-Temporal Trends in Remote Sensing-Derived Land Cover Classification

Gab-Sue Jang, Jong-Gwan Jung, In-Hwan Park

686.Deforestation Patterns Analysis of the Baekdudaegan Mountain Range, Korea Won-kyong Song, Dong-kun Lee

# CS15.8 Health Impact Assessment: HIA and Community Empowerment

Room: 321A Chair: Roy Kwiatkowski

- **435. Community Empowerment in Health Im-**pact Assessment
  Roy Kwiatkowski
- 354. Learning for Our Beloved River: HIA Applications in Tha Chin River
  Prachoen Kontes
- 203. Health Impact Assessment: An Underserved Miami, Florida, Community Embraces the Future and Preserves the Past Luther Brewster, David Brown

726. Community Participation in Health Impact Assessment: A Case Study of a Proposed Extension to an Opencast Coal Mine, Wales UK

Alison Golby

# CS8.1.5 EIA Methodologies & Practice

Room: 321B Chair: Deok-Gil Rhee

335. Assessing Community Views about Mining Town Developments Using the Choice Modelling Technique Stewart Lockie, John Rolfe, Galina Ivanova

736. Development of Prior Environmental Review Support System in Korea

Eui Sung Jung, Jeong-Ho Yoon, Jeongho Lee, ByungHwa Lee, YongHwan Kim,Won-Seok Lee

640. Comparison of Post-Monitoring of EIA in Korea with UNEP EIA Training Resource Manual

Choon-won Lee, Sang-don Lee, Sung-hyun Yoon, Sang-wook Han, Sun-hong Kang

777. The Changing Roles of Environmental Practitioners in Uganda Anita Kigonya

#### CS24.3 Sustainable Development Environmental Information Technology: Sustainable Development in Asia

Room: 321C Chair: Sang-Hoon Lee

- 236. How Impact Assessment Is Needed in Sustainable Development in Nepal (Mixed View)

  Dinak Adhikari
- 543. An Integrated Operation of Multi-Regional Water Supply Networks for an Optimal Water Allocation in a Metropolitan
  Taesang Ryu, Sung-Ryong Ha, Ik-Hwan Ko
- 596. A New Decision Making Process for Environment Friendly Resort Development
   Case Study on Alpensia Resort Development Project

Se-Hoon Park, Gyoung-Sook Lee, Hoi-Seong Jeong, Young-Shin Lee

707. Movement of Eco-Village for ESSD in Korea

Won Jin Oh, Jong Ho Lee

769. Energy and Environment: Examples of Power Generation in Korea Jong-Han Jung, Sang-Ki Chun

# CS11.2 Environmental Information Technology

Room: 330B Chair: Jung-Sup Um

- 517. Soil Contamination in Korean Agricultural Farmlands Being at a Reachable Distance from Heavy Metal Sources Sung Ryong Ha, Jae Seok Hwang
- 430. Transport Canada National Environmental Assessment Tracking System: An Integrated Information Management System Hugo Gherbavaz
- 716. A Web-Based Partial Differential Equation Solver as a General Modeling System for Environmental Problems Joon Hyun Kim, Young Han Han, Doo San Choi
- 694. Comprehensive Environment Information Management System Joon Hyun Kim

#### **CS23.4 Strategic Environmental Assessment: Greening Poverty Reduction Strategy of Benin**

Chairs: Bonaventure Guedegbe, Linda

Ghanimé, Harald Lossack

**Greening PRSPs and MDG-Based Approaches: Overall Context** 

Linda Ghanimé, Harald Lossack

The Benin Greening Process: Design and Out-

Bonaventure Guedegbe

Perspectives from Principles of Paris Declaraton on Aid Effectiveness: SEA Alignment and Donor Harmonisation Johan Brons, Axel Olearius

**Comparison of Country Perspectives and Insti**tutional Challenges

Marcel Baglo

#### Welcome to IAIA

Room: 323 Chair: Rita Hamm

Any member who wants to know more about the organization, its history, and how it works; new or prospective Board members; or anyone interested in participating in IAIA as a Committee member of Section member is invited to attend this information session

# Thursday, 7 June

16:30-18:00

#### **CS23.1.6 Strategic Environmental Assessment: Case Studies**

Room: 320B

Chair: Sang Wook Han, Seokho Lee

331. Application of SEA in the Process of Chungnam Provincial Planning Jong-Gwan Jung, Sang-Wook Han

383. Lessons from the São Paulo-Brazil **Ringroad Strategic Environmental Assess-**

Carlos Henrique Aranha, Paulo Tromboni Nascimento, Maria Rosário Partidário

455. Preliminary Study of Strategic Environmental Assessment with Fish Investigation for Dam Construction Long-Term Plan Jinwon Seo, Jungmin Lee, Sungwoo Lee

10. Strategic Environmental Assessment for Urban Development Plan in China: A Case study from Wu Han Municipal He Xu, Li li Tian, Jing Wu

#### **CS23.5 Challenges and Opportunities in Impact Assessment:** Oil Sands Development in Alberta, Canada (Panel)

Room: 320C

Chairs: Peter Sylvester, Scott Streiner

Oil sands development has been examined through both project-specific assessments and, most recently, though a more strategic, multi-stakeholder process involving industry, local communities, environmental NGOs, aboriginal peoples, and the provincial and federal governments. The panel includes representatives of these different stakeholders. Each participant brings a unique perspective to evaluating the assessment approaches being applied to oil sands development with a view to identifying best practices, consistent with the conference theme of promoting good governance and stewardship through effective impact assessment.

#### **CS21 Restoration**

Room: 311

Chair: Eun-Shik Kim

226. Reclamation and Closure of Coal Mines: Implications to Develop a National Strategy for Reclamation of Coal Mines in South Af-

Aubrey Tshivhandekano

348. Restoration and Monitoring of Endangered Fish, Black Shinner (Pseudopungtungia nigra) in the Upper Reach of Gap

Jinwon Seo

498. Halophyte Restoration: Effects of Small **Groins for Enhancement of a Salt-Marsh** Plant Community in the Western Coast of

Jinho Chae, Seung Ho Lee, Hansan Park, Jeom-Sook Lee

698. A Study on A/R CDM Application of Deforested Land in North Korea

Young-Chool Oh, Dong-Kun Lee, Jae-Uk Kim

245. Critique of Protected Areas' Strategy Regarding Rural Communities for the Conservation of Living Resources in the South **African Context** Oondile Paliso

727. Economic Development vs. Conservation The Okoroba FDP Experience

#### **CS8.2 EIA Methodologies and Practice: Economic Implications on** Effectiveness of EIA - A Case Study of Kenya (Roundtable)

Room: 310 Chair: James Kambo

This roundtable will analyze and debate the workability and effectiveness of EIA in light of economic capacities of a state or region. EIAs require financial resources to undertake, review and monitor. What therefore are the implications where a country strives to develop but has limited financial resources both within the public and private sector? The experiences from Kenya point at low economic capacities resulting in reduced capacities to perform environmental assessments and enforce environmental compliance. The gist of this session is to discuss viable but effective means of attaining sustainable development and environmental compliance in developing countries. Interested participants are invited to attend in the discussion and share experiences and knowledge.

#### **CS2.5 Biodiversity and Ecology: Growth, Biodiversity Conservation** and Sustainable Development: The **Pan-Asian Perspective**

Room: 330A

Chair: Vinod B. Mathur

563. Establishment of Park and Green Areas for the Development Projects of Residential

Sang-Don Lee, Sung-ok Kim

589. Lotic Community Prediction Model Responding Environmental Change (LOCO-

Tae Ho Ro, Dong Jun Chun

611. Establishing a Conservation Area by Habitat and Landscape Matrix Analysis Eun Joo Yoon, Dong Kun Lee

#### **CS20.6 Public Participation: Public Participation Africa and Asia**

Room: 304A

Chair: Loes Witteveen

263. Gender Issues in the Participatory Approach to Resource Management for Water Supply and Sanitation in Ghana Richmond Amoako, Seth Larmie, Regina Aikins

627. Current Status of Public Participation in the EIA Process in China Xinfeng Zhao

669. Strengthening Public Participation in Decision-Making Process for Balancing Coastal **Development and Environmental Revitaliza**tion in Korea

Jungho Nam, Wonkeun Chang, Jisun Lee

#### **CS22.6 Social Impact Assessment: Involving Communities in Impact Assessment (Panel)**

Room: 304B Chair: Ilse Aucamp

Increasingly, awareness of the importance of participatory environmental processes is rising. Without buy-in of communities, conservation efforts can be futile. SIA as a participatory and empower-ment process and its links to other environmental tools and biodiversity will be debated.

#### **CS14.2 Governance: Session 2**

Room: 307

Chair: Jae-Seok Yun

350. Comparing Institutions: The Tennessee Valley Authority and the Niger Delta Development Commission C. P. Wolf, Chrisian Ayasuk

453. Effect Analysis of the Industrial Policy of **Shandong Province** Ren Lijun, Wang Jianchun, Yuan Cunchao

714. Local Environmental Action Programme (LEAP) Successful SEA for Local Planning Arend Kolhoff, Petrie van Gent

#### CS1.2 Agriculture, Forestry and Fisheries: Session 2

Room: 308 Chair: Michael Koech

134. Water Resource Variability and Livelihoods in the Lower Rufiji Wetland Ecosystems (Tanzania)

Augustino Mwakipesile

158. Impact Assessment of Kenya's Biodiversity and Agriculture: Contributions of Meteorological Services Micheal Koech

243. Impact Assessment in Rural Development Planning: A Case Study of Nansanga Farm Brock Development in Serenje District of Zambia

Mackion Tembo

286. Environmental Impact Assessment in the **Booming Floriculture Industry of Ethiopia** 

360. Changed Environment - Impact on Livelihoods

Anna Axelsson

#### **CS15.9 Health Impact Assessment: Key Issues in HIA Practice** (Roundtable)

Room: 321A Chair: Ben Harris-Roxas

This session will draw on practitioner experiences to discuss key issues facing HIA practice. Scenarios will be presented for discussion, drawn from practitioners' actual experiences in undertaking HIAs. Topics for discussion will include:

- How to integrate HIA with other forms of assessment in practice
- How to promote robust follow-up and monitoring of health impacts in practice
- How to meaningfully engage communities in
- Managing trans-boundary issues in HIA
- Practical facilitators and barriers in HIA: what works and what doesn't

Participants are invited to share their views throughout the session.

#### **CS8.1.6 EIA Methodologies and Practice: Session 6**

Room: 321B Chair: Jaeyong Choi

641. EIA as Planning Tool and Its Effectiveness in Rwanda

Theobald Mashinga

648. Overview of Independent Oversight Agencies

Bill Ross

733. EA System in Russia: Latest Changes and **Tendencies** 

Marina Khotuleva, Tatiana Strizhova, Vladimir Chechetkin

738. Impact Assessment in Italy: An Overview on Regulation, Policy and Perspective Giuseppe Magro, Virginio Bettini, Marco Sumini, Chiara Rosnati

#### **CS11.3 Environmental Information Technology: Session 3**

Room: 330B Chair: Joon Hyun Kim

525. Application of HyGIS-QUAL2E: A User-Friendly Coupled QUAL2E Model with Korean Hydrological GIS Package, HyGIS Sung-Ryong Ha, In-Hyeok Park

522. Identify a Pollution Delivery Coefficient for a Stream Water Quality Analysis Model Introducing a Watershed Form Ratio Sung-Ryong Ha, Jung-Ha Park

401. Assessment of Urban and Industrial Air Quality: A Real-Time Web-Based Approach Kurt Fedra, Tai J. Kim

740. Quantifying Impact Assessment with G.I.S. Systems: A New Methodology Giuseppe Magro, Marco Sumini, Stefania Pellegrini, Stefano Scarpanti, Francesco Teodori

#### CS19.3 Land Use Planning, **Transportation, Landscape Environmental Information** Technology: Landscape and Space

Room: 323 Chair: Juchul Jung

324. Economical Growth and Impact Assessment in the Building Sector: Improving the Knowledge of Input and Output Material Flows During the Life Cycle of Buildings Claudia Salazar, Jacques Chevalier, Patrick Rousseaux

423. Analysis and Simulation of Landscape Changé in Dianchi Area, China Hongguang Cheng, Dan Wang, Li Gong, Xiao Pu

690. Landscape Ecological Assessment of the New Urban Development on Regional Landscape Connectivity Sangbum Lee

719. Assessing the Spatial Dimension of Sustainability in Ho Chi Minh City

403. Post Evaluation on the Biological Habitat and the Human Using Structures after Natural Restoration of Jeonju-cheon, South

Myung-woo Lee, Jong-young Park, Mu-sup Beon

#### **Notes**

## **Posters**

112. Balancing Energy Production, Biodiversity, and Ecosystem for Hydropower Production – A Case Study Lower Kihansi Hydropower Project (LKHP) in Tanzania East Africa

Hamdun Rashid Mansur

146. The Results of Strategies to Mitigate Environmental Impacts Caused By Light Pollution in the Conservation of Sea Turtles in Brazil

Victor Patiri, Sandra Ferreira, Gustave Lopez, Elizabete Domingos

- **205.** The EIA as a Tool of Local Development Ernesto Pirillo
- 251. Economic and Environmental Impacts of Rural Electrification Using Household Photovoltaic Systems in Brazil

Hugo Machado, Sandra Neusa Marchesini Ferreira, Antônio Augusto Costa De Assis

- 253. Economic Valuation of Health Effects Within Health Impact Assessments (HIA) Julia Nowacki, Rainer Fehr
- 279. The Benefits of Social Impact Assessment for the Environmental Impact Assessment Process

Rabel Burdge

294. EIA of New Motorways in Croatia: Two Case Studies

Anita Erdelez

- 299. Alternatives in High Voltage Substation Project EIAs: One Engineering Approach Bora Obradovic
- 311. Possibilities of Strengthening of EIA Process by EMS and Vice Versa

  Andrej Ursic, Simona Ursic, Borut Mlakar
- 314. For an Effective Follow-Up Process In Korean EIA

Yongjun Joo, Junho Maeng, Kwangwoo Cho

315. Improving EIA System for Harbor Developments in Korea

Junho Maeng, Kwangwoo Cho, Yongjun Joo

320. Promotion Of EA Education for Third Country Audience

Paola Gazzola, Ingrid Belcakova, Urmila Jha Thakur, Ralf Aschemann, Thomas B Fischer,

- **322. Impacts of GTZ/InWEnt Training on SEA** *Axel Olearius, Harald Lossack*
- 334. Development of HIA in Republic of Slovenia

Simona Ursic, Andrej Ursic

340. Gostima SHPP

Besim Islami, Hysni Laçi

343. Pollution: Think Before Problems Show

**Up** *Elona Vathi* 

- 351. Grazing Impact of Zooplankton on Phytoplankton in the Heavily Polluted Coastal Waters and Its Application as a Tool of Marine Environmental Impact Assessment Seongtaek Kim, Younggeel Kim, Jinho Chae, Jiwang Lee, Junho Maeng, Kwangwoo Cho
- 357. Influence of Island City (Artificial Island) on the Water of Head of Hakata Bay, Fukuoka, Japan

Masaoiro Babasaki

- **390.** Heat Wave and Its Health Impact in Korea Dae-Geun Lee, Jiyoung Kim, Byoung-Cheol Choi
- 392. Improving Korean EIA Related to Military Facilities

Joon-Gyu Choi, Jae-Gu Kang, Young-Joon Joo, Kong-Jang Cho

- 393. Lead Contamination from Target Shooting in Washington State (USA) and Belarus: Similar Problems and Possible Resolution Alla Sushko
- 421. Development of the Gyeongsangnam-Do Wetland Information System Based on Web GIS

Kyung-Hun Park, Sung-Gwan Jung, Jun-Han You, Do-Gyun Kwon, Kyung-Tae Kim, Woo-Sung Lee

- 441. Light-Response of Krill, Euphausia Pacifica, and Its Application to a Preventive Measure of the Mass Impingement to Cooling-Water Intakes of Power Plants with Remarks on Their Diel Vertical Migration and Ontogenic Migration

  Jinho Chae, Jae-Hac Lee

**457.** Environmental Consideration of Small Hydropower (SHP) Plant Construction

Dong Jun Chun, Young Han Kwon, Ji Young Kim,

Tae Ho Ro

- 459. Analysis of Ecological Characteristics about Major Estuaries in Korea Based on the Aquatic Insect Assembles Dong Jun Chun, Tae Ho Ro
- **461. A Study on the GIS-Based Environmental Impact Evaluation for Route Alignment** *Mi Ran Park, Sang Eun Lee, Yu Kyung Choi, Ho Geun Kang, Han Na Choi, Jae Hee Lee*
- 478. A Study on Establishment of the Directions for Environmentally-Friendly Restoration of Stream by Citizens Byung Seol Byun, Se Ah Ahn, Kyu Man Cho

485. A Study on the Making of Suwon Hwaseong, A World Heritage Site, into a Holy Place

Byung Seol Byun, Kyu Man Cho, Se Ah Ahn

488. Dangsan Forest as an Environmental Factor for Coast Areas in Korea

Jai-Ung Choi, Dong-Yeob Kim

501. HIA in National Health Act, B.C.2550, Thailand

Amphon Jindawattana, Ugrid Milintangkul, Kannikar Bunteongjit, Pitiporn Chandrtat, Nirachara Ussavathirakul, Somporn Pengkam

- 503. Establishment of an Assessment System for Environment-Friendly Performance of Residential Land Development Project In-Su Jung, Hyun-Su Park, Chan-Sik Lee
- 523. Trends in Corporate Sustainability Reporting: Deeds Not Words?

Angela Pinilla Urzola

534. The Dutch Partners for Roads Programme and EIA/Transportation Centre: Exchange of Know-How and Enhancing Quality in Infrastructure Planning

Luis Martins Dias, Jan Nuesink, Benno Bultink, Christa Kempenaar

536. Stakeholder Involvement and Public Participation in the Road Planning Process:
European Examples Derived from the Dutch
Partners for Roads Programme

Luis Martins Dias, Jan Nuesink, Christa Kempenaar, Benno Bultink

559. Assessment of Air Pollution Emission Control Strategy Using Linear Programming Technique

Young-Kee Jang, Sang Hoon Lee, Jung Kim

**560.** Analysis and Prediction of Water Quality Variation in Flow Line of Gwangju Stream Nam-In Jung, Yong-Woon Lee, Won-Mo Yang, Se-Jong Yoon, Jae-Choon Lee, Won-Sam Jeong

580. Integration of Environmental, Social and Economic Indicators for Land Use Assessment

Birthe Schoesser, Katharina Helming, Marta Perez-Soba, Pia Frederikson, Karen Tscherning, Bettina Koenig

581. EIA and SEA Capacity Building In Developing Countries

Helena Lindemark

**583. EIA and SEA Training Programmes** *Helena Lindemark* 

## Posters

588. Water Quality and Contamination of Transboundary Watershed in Northern Mon-

Young-Joon Lee, Seong-Taek Yun, Jeongho Lee, Menďbayar Baďarch

599. Distribution and Changing Trend on the Occurrence of the Kot-Saem Chui

Jiyoun Kim, Seungho Lee, Young-Ah Kwon

604. Reduced Premature Deaths From Attaining the 8-Hr Ozone Standard in Seoul, Korea Myung-Hyun Kim, Hyunjoo Bae, Jongsik Ha, Jéongim Park

605. Concepts and Case Studies of National Environmental Assessment Map in Korea Seong-Woo Jeon, Chong-Soo Lee, Moung-Jin Lee,

Hyun-Jung Hong, Byung-Jin Kang,

609. Heat-Related Mortality Among the Elderly in Seoul From 1994 To 2003

Jongsik Ha, Ho Kim, Jeongim Park

610. Study on Application of Environmental Impact in Railroad Work

Hyosung Sun, Sangki Choi, Youngmin Park

613. Korean Emission Inventory Processing for **Air Quality Assessment** 

Nankyoung Moon, Soontae Kim

615. The Solutions for Aesthetic Water Quality Improvement of Drinking Water In Korea Soon-Ju Yu, Jun-Hwan Kim, Su-Jeong Park, Il-Rok Chung, Kyung-Hee Ahn, Yeon-Hee Lee

617. Prioritization of Watershed Restoration **Proposals Using Rapid Impact Assessment** 

Markku Kuitunen, Tiina Shakib-Manesh, Kimmo Hirvonen, Kimmo Jalava

619. Reclaiming Conservation in Developing Countries Through Sustainable Waste Management

Irene Amoke, Jandi Kim

630. An Assessment of Environmental Capacity of Jinhae City Using Ecological Footprint Kyung-Tae Kim, Sung-Gwan Jung, Kyung-Hun Park, Ju-Han You, Woo-Sung Lee,

635. The Application of Integrated Assessment System for Urban Sustainable Development Woo Sung Lee, Sung Gwan Jung, Kyung Hun Park, Ju Han You, Kyung Tae Kim,

637. Mangrove Re-Vegetation in Shell Nigeria 1996 - 2006

Oritsetimeyin Dada

649. Application of Index of Greenness in Streetscape on the Environmental Impact Assessment of Seoul

Yong-Hyeon Cho

650. Health Impacts of Economic Cycling: Implications for HIA in Resource-Based **Economies** 

Murray Lee, Marla Orenstein

654. Applications of Biotope Area Factor on the Environmental Impact Assessment of Seoul

Yong-Hyeon Cho

657. Capacity Development Through Knowledge Sharing

Petrie Van Gent

661. Indicator Species for Climate Change Impact Assessment on Korean Peninsula Tae Kyu Kim, Kee Dae Kim, Myung Hun Yeon, Jae

Ho Lee, Min Hwan Suh, Young Kyu Shin

676. Environmental Eco-Plan of Developing Multi-Functional Administrative City in Ko-

Youngsook Lee, Heonseok Yoo

679. Assessment of Pollutant Accumulation and Washoff Potential on an Urban Area Sangyoung Park, Sungryong Ha

681. Assessment of Groundwater Pollution and Water Quality Susceptibility Using GIS-Based Drastic and MT3D

Daehee Park, Sangyoung Park, Sungryong Ha

705. High-Efficiency Constructed Wetland Using NPS in Cambodia

Kyoungyoung Choi, Jiyoung Kim

709. Sustainable Siting of Golf Courses in Mountainous Area in Korea

Young Han Kwon, Ji Young Kim

718. Optimum Slope Analysis Method Ji Young Kim

722. Socioeconomic Effects on PM10 Related Mortality in Seoul, Korea

Hyunjoo Bae, Jeongim Park

725. Comparative Matrix of Environmental Assessment in Latin America

Ernesto Sanchez-Triana, Santiago Enriquez

739. Impact Assessment as Part of Integrated Planning and Management of Tourism in and Around Natural Areas

Nick Taylor, Janet Gough, Julie Warren, Paul Blaschke, Marc Baily

751. Lessons from Massive Outbreak of Fly and Midge at Landfill Site

Jong Min Kim, Won Myeong Kim, Kang Suk Koh, Ki Kyeong Kim

753. Invasion of Alien Plant into Nature Reserve Area in Korea

Ji Hyon Kil, Won Hee Kim, Hyun Chul Shin, Jong Min Kim

754. Abandoned Brassica Napus Occupied Part of Yongsan River Bed

Jong Min Kim, Jong Whan Park

755. Water Stream Basically Determined Sicyos Angulata Spread in Korea

Jong Min Kim, Ji Hyon Kil, Hak Yang Kong

757. Long-Term Monitoring of Aquatic Envi-ronmental Changes During Dam (Yongdam) **Construction Project** 

Jae-Ki Shin, Hye Keun Lee, Ick Hwan Ko

758. Rapid Trophic Classification of Streams Based on Microalgae Biomass in Strategic Environmental Assessment

Jae-Ki Shin, Hye Keun Lee, Ick Hwan Ko

759. Prediction of Reservoir Water Quality Before Dam Construction Using Algal Growth Potential Test (AGPT)

Jae-Ki Shin, Hye Keun Lee, Ick Hwan Ko

761. Ecological Impact Evaluation in the Downstream of Regulated River System

Jae-Ki Shin, Hye Keun Lee, Ick Hwan Ko

762. Municipal Training, EIA Carmen Elena Padilla-Velasco

765. "Winds of Change" - A Look at Wind Farm **Land Owner Agreements** 

Rick Grabowecky

785. Role of SEA in Post-Tsunami Reconstruction in the Maldives

Aslam Shakir, Richard Morgan

786. The State of AEE Guidance Material Provided to Resource Consent Applicants by Local, Regional and Central Government in New Zealand

Ben Varkalis

# **Exhibitors/Map: Seoul**

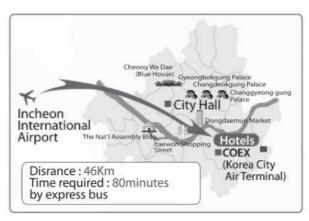
#### **Booths**

Exhibits, posters, information tables and more are located in the Conference Center Lobby.

- Korea Water Resources
- Edward Elgar Publishing
- IAIA08

#### **Tables**

- · Rabel Burdge
- Ben Harris-Roxas
- International Finance Corporation
- Capacity Building in Biodiversity and Impact Assessment



COEX Convention Center and Surrounding Area

#### **Conference Hotels**

1. COEX International Seoul 159, Samsung-dong Kangnam-Ku +82-2-3452 2500

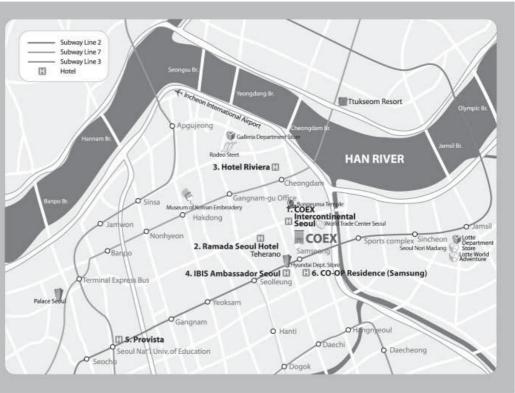
2. Ramada Hotel Seoul 112-5, Samsung-Dong, Kangnam-Gu .+822 6202 2000

3. Hotel Rivera 53-7 Cheongdam-dong Gangnam-gu +82 2 541 3111

4. IBIS Ambassador Seoul 893-1 Daechi-dong Gangnam-Gu +82 0 2 3011 8888

5. Provista #1677-8 Seocho-1dong, Seocho-gu +82 2 597 1140

6. Co-op Residence - Samsung 945-29, Daechi-dong, Kangnam-gu +82 2 539 9080



# **Technical Visits**

#### **About Technical Visits**

Participants must be pre-registered and pre-paid to participate. Registrations will be accepted on a first-come, first-served basis until the visits reach the maximum number. Registrations will be processed in the order that payment is received. No refunds are issued for cancellations after 31 March.

Technical visits will depart from COEX. Please meet at the IAIA registration desk a minimum of 20 minutes prior to the start time of the technical visit.

- Family members of registered delegates are welcome to register for technical visits.
- Casual clothing and walking shoes are recommended.

# A Cheonggyecheon (Stream Restoration)

The restoration of Cheonggyecheon, a stream which crosses the heart of Seoul for 6 kilometers, took about three years and was completed in early 2006 under the keen watch of the entire nation. It was a symbolic project to revive an important piece of Korea's historical and natural heritage at the start of the twentieth century.

Since the Korean War, the Cheonggyecheon Stream area became a shantvtown because of pollution and decimated surroundings. In the 1960s and 1970s, slums were cleared for elevated expressways and commercial facilities. However, as time passed, dust and emissions from traffic on the roads and overpasses polluted the covered stream and corroded the roadway infrastructure, posing a threat to public safety. After the restoration of Cheonggyecheon, the place where traffic jams and overpasses seemed eternally to drag the heart of city down no longer exists. The use of public transportation has increased and the level of pollution has decreased. Most important of all, it has become a popular place where citizens of Seoul gather and enjoy the promenade.

This tour will focus on how the restoration of Cheonggyecheon began, how policy-makers and urban planners worked together, and what it has accomplished. It is expected to set a new paradigm for urban management in Korea. The restoration of Cheonggyecheon intended to accommodate both the environment and the people who live and work there.

With the restoration of Cheonggyecheon, Seoul regains its status of a six hundred-yearold capital and continuously reworks itself as a place where tradition and future mingle together.

Organized by the City of Seoul.

Sunday, 3 June • 13:00-17:00 Min-Max: 60-80 • \$40 (includes lunch)

#### **B** Landfill Sites

#### **Nanjido World Cup Park**

Nanjido used to be an ecologically fertile place where diverse birds, flowers, animals, and plants existed. However, right after the City of Seoul started to dump wastes there in 1978, it quickly became a polluted nobody's land. It was sacrificed for the name of industrialization and urbanization. The abandoned land behind the economic growth was plagued by almost 1,400 fires (because of harmful gas) and it wasn't even treated differentially for industrial and non-industrial wastes.

Thus, the City of Seoul began to recognize the devastation of Nanjido and to master-plan how to recover the former status of Nanjido as an environmentally-friendly place. Good quality soil, sand, and hundreds of thousands of tons of water supplied Nanjido and a stream was revived, inviting birds and fish to return.

Nanjido, nowadays, has been ecologically changing thanks to environment reconstruction processes such as leachate, landfill cover soil, and slope stability treatment. The City of Seoul aims to stabilize the place until 2020 and continuously invests millions of dollars to transform the waste-damaged place into an ecologically-friendly one.

Nanjido has expanded into five parks: Pyeongwha, Haneul, Noeul, Nanjicheon, and Hangang Riverside.

#### Dream Park

Dream Park strived for the model of a wastemanagement facility that accommodates a pleasant ecological park, high-tech environmental management, and popular recreation.

Usage status by landfill site is:

- 1st landfill site: public gymnasium (maximum users per day: 1,800 persons) and sports park are utilized as a public leisure place and resting space.
- 2nd landfill site: organic matter and nitrogen from leachate are completely treated.
   The amount of leachate and landfill gas decreased and the amount of landfill waste dropped to 80% of the existing level.
- 3rd landfill site: waste utilization complex, temporary sapling house, and flowering plant complex have been built. Foundation work is under construction. Wind power plant is established on the seaside.
- 4th landfill site: ecological park and sports park have been established near the island. Wind power plant is established on the seaside.

Organized by the City of Seoul.

Monday, 4 June • 09:00-17:00 Min/Max: 30-80 • \$40 (includes lunch)

#### **C** Seoul Forest

Seoul Forest is a theme park devoted to building an environment-friendly park in the midst of Seoul. It was built by Seoul citizens who volunteered to plant trees under a "Citizens' Tree Planting."

The Forest measures about 1.155 million square meters in the Tukseom district in Seoul. The foremost aim of the Seoul Forest was to create an ecologically diverse place and to build habitats for wild animals and plants. Built on the spacious 350, 000 pyong (=3.954 sq.), it will serve as a pivotal place to provide the gigantic city with oxygen and natural habitats. It is currently divided into five different districts: Cultural Art Park, Ecological Forest, Nature Experiencing Studying Field, Wetlands Ecological Field and Han River Waterside Park.

Organized by the City of Seoul.

Friday, 8 June •13:30-18:00 Min/Max: 30-80 • \$40 (includes lunch)

#### **D** Lake Shihwa

Shihwa was intended to be a place to depopulate and de-industrialize metropolitan Seoul.

To accommodate economic growth on the west coast and ecology, millions of dollars to develop the multi-tech valley, Songsan green city, and an artificial reed wetland has been poured into Shihwa.

Simultaneously, a tidal power plant to develop an alternative energy has been under construction.

With the completion of the tidal power plant and ecological park, Shihwa will be an ideal ecological city that would eventually drain population and industry in Seoul.

Organized by the Korea Water Resources Corporation (K-Water).

Monday, 4 June • 09:00-17:00 Min/Max: 20-80 \$50 (includes lunch)

# **Sections**

#### 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. All Sections welcome new members.

See page 11 for meeting time and 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 coordinators: Asha Rajvanshi and Verina Ingram. 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 and Michel Bouchard.

**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 coordinator and listsery facilitator: 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 coordinator: Bob Tai.

**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 Rachel McCormick.

**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: Ilse Aucamp. Listserv facilitator: Frank Vanclay and others.

**Students and Early Professionals (SEP)** is not a formalized Section, but provides a forum for SEPs to exchange ideas and experiences. It is also intended to provide an opportunity to pursue improved SEP involvement in IAIA throughout the year and at IAIA annual meetings. Listserv facilitator: Tracey Nitz.

## **IAIA Business**

#### **Council Meeting**

#### Thursday 7 June • 12:30-13:30 • 402

The IAIA Council serves as an advisory resource to the IAIA Board of Directors. 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. Council meetings are open meetings; all IAIA members are encouraged to attend.

#### **Committee and Section 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 32 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 indicate your interest online in "Manage My Membership."

See page 11 for meeting times and locations.

#### **ABOUTIAIA**

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.

#### **Annual General Meeting (AGM)**

#### Wednesday 6 June • 12:30-13:30 • 402

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. (Note: the non-member conference registration rate includes a one-year membership to IAIA.)

#### 2007 AGM Agenda

- 1. Welcome, introductions, and confirmation of 2006 AGM minutes.
- 2. IAIA 2006/7: What have we done and where are we going?
- 3. Money matters.
- 4. IAIA Presents Excellence: The Capacity Building in Biodiversity and Impact Assessment (CBBIA) Project.
- 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.

#### Notes

# **Tips and Information**

#### **How to Get the Most from This Conference**

- Inform, prepare, and orient yourself. Check in 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 carefully and highlight the sessions you want to attend.
  Read those abstracts and prepare questions for the speakers.
- Make a goal sheet. Why did you decide to register for this program?
  What is it you expect to gain? Take a moment 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 here 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 each day whom 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 gym"
  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 in a
  few weeks to "retake" the program. Don't put your good ideas away
  with your notes. And consider reviewing your notes each evening
  during the conference 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 and goals what you intend to do
  or change as a result of what you have learned. If you paid your own
  way, still send the letter. It will show how committed you are to your
  own professional growth.
- Enjoy yourself. Start relaxed (rest and rehydrate to help recover from jet lag) and you'll leave refreshed, inspired and recharged. Forget about what's happening at the office. This is your conference. Get all you can out of it.

#### **Definition of Terms**

**Annual Conference:** 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.

**Annual Meeting:** 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.

**Concurrent sessions:** Sessions running in parallel, during which approved papers are presented by authors and discussed by participants.

**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.

**Speed Session:** As many as 10 papers may be presented; each author has 3 minutes maximum to summarize the point of his/her paper. The remainder of the session time is facilitated discussion.

**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. The Theme Forums on the IAIA07 final program were competitively selected by the program committee based on relevance of topic, quality of content, and selection of speakers.

**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.

#### **Greening the Annual Conference**

Take a close look at the pencils contributed by Remarkable—did you guess that they are made from recycled CD cases?

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
- · Encourage delegates to purchase carbon-offset credits for their flights

To the extent possible and practical, IAIA implements these (and other) policies and practices. Delegates are welcome to make additional suggestions on the IAIA07 conference evaluation form (which will be distributed electronically to delegates following the conference) or by contacting IAIA HQ at any time.

# **General Information**

#### **Conference Papers and Proceedings**

**Abstracts volume:** An abstracts volume is included in the delegate packets and is posted on the IAIA web site.

**Participants list:** A list of pre-registered participants is provided in the delegate packets. A final list of participants will be posted online after the conference.

Proceedings: IAIA will be publishing conference proceedings on CD-ROM following the conference. Preparation of a full paper is optional. For publication on the conference CD-ROM, materials must be submitted electronically. File format: MS WORD or PDF. Do not zip files. There are no other formatting requirements or restrictions on length. E-mail the file as an attachment to impact@iaia. org no later than 1 August 2007. Files received after 1 August will not be acknowledged or included in the proceedings.

The following information must be provided in the Subject line of the e-mail and should also be the name of the Word file:

- The pound sign (#) followed by your paper or poster abstract number as previously provided to you by IAIA. (The number is available in your confirmation of submission notice, from your abstract reviewer's notice of acceptance, the final program, the abstract volume, online, or from your session chair.)
- 2) The last name of the presenting author, as originally submitted with the abstract.
- 3) The full title of the 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. Submission is automated; e-mails without this subject line format will not be accepted or acknowledged.

Papers will be published as submitted; please edit carefully and include full contact information for authors.

#### **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.

#### **Presentation Equipment**

LCD (PowerPoint) projectors and laptop computers are provided in each concurrent session room. Presenters are responsible for making arrangements in advance with KEI (jylim@kei.re.kr) to reserve and pay on their own for any other equipment needed for their presentations.

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 is 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 are not available until the break just prior to the start of the sessions. A preview room (317) is available for testing purposes. 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.

Presenters are solely responsible for any breakdown of equipment they brought with them to COEX. All presenters are strongly advised to test their files, particularly video files, in the preview room (317) to eliminate any malfunction.

#### **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. For photocopying or printing, delegates are advised to visit LINKO in the COEX Mall (B1). LINKO daily business hours are 09:00-22:00.

#### **Poster Presenters**

Poster panels are set up and assigned to each poster presenter in the Conference Center Lobby on the third floor. You may hang your poster any time between 12:00 - 17:00 on Monday, 4 June. Posters will be on display until 18:00 on Thursday, 7 June, and should be taken down between 18:00-19:00 on Thursday. Please note: IAIA, the conference organizers and the COEX are not responsible for poster materials on display, or posters/cases left after 19:00 on 7 June. You are responsible for providing the materials needed to hold the posters 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." The poster session is scheduled for Tuesday, 5 June, at 12:30.

#### **Booths/Tables**

Exhibits/tables are set up and assigned in the Conference Center Lobby. Set up is from 12:00 - 17:00 on Monday, 4 June. Take down is 18:00-19:00 on Thursday, 7 June. Please note: IAIA, the conference organizers and the COEX are not responsible for materials on display, or materials left after 19:00 on 7 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 COEX are not responsible for items displayed or left after 19:00 on 7 June.

Be sure to visit 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, exhibi-

tors and paper and poster presenters, are required to register for the conference at the full, student, or exhibitor registration fee.

Full and student registration fees entitle delegates to attendance at all sessions, coffee breaks, and lunches on Tuesday, Wednesday, and Thursday; opening reception; special conference dinner; banquet; 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 (US\$, Korean Won), MasterCard, Visa, check, or international money order. Personal checks must be for US\$ drawn on a US bank. Traveler's checks and international money orders must be in US\$.

Registrations after 17 May are accepted on-site only. Official receipts for on-site registration (after 17 May) will be issued by mail after the conference

No registration will be processed without payment unless arrangements were made with IAIA HQ by 17 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 and Tickets**

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.

Tickets required for special events are included in the name tag packet provided at registration.

#### "Quickpass to the Fastlane"

All conference participants whose registration and fees were received by 31 March 2007 were mailed a purple "Quickpass." Look for purple signs designating the Quickpass registration desk and show your Quickpass for express check-in!

#### **Transportation**

Shuttle bus service will be provided between the COEX and conference hotels listed in the program. Timetables will be provided by the hotels.

#### **Hotel/Tour Desk**

MECI (the Professional Congress Organizing company) will have a desk in the Jangbogo Lobby for persons wishing to sign up for sightseeing tours or accompanying persons activities or needing hotel or travel assistance.

#### **Hours**

15:00-18:30 2 June 08:30-18:30 3-6 June 09:00-12:00 7 June

#### **Conference Evaluation**

An evaluation form will be sent electronically to all participants shortly following the conference.

# **Committees**

#### **ABOUT THE HOSTS**

The hosts of IAIA07 consist of two Korean organizations: the Korea Environment Institute and the Korean Society of Environmental Impact Assessment.

The **Korea Environment Institute** (KEI) was established to introduce the institution of impact assessment in Korea. After a decade of certain trials and errors, the KEI developed into a solid policy and assessment institute. Every year witnesses numerous seminars, forums, and visits to exchange ideas and improve the quality of impact assessment.

The **Korean Society of Environmental Impact Assessment** (KSEIA) has been actively involved in bringing up rapidly developing ideas and experiences concerning impact assessment. KSEIA has focused on the diverse spectrum of impact assessment from ecological to material aspects.

#### **Coordinating Committee**

Suh Sung Yoon (chair), KSEIA, Korea

Hoi-Seong Jeong, KEI, Korea

Yoon-hwa Ko, Ministry of Environment, Korea

Jae-Hong Lee, Ministry of Environment, Korea

Yong Chung, Yonsei University, Korea

Sang Wook Han, Kwangwoon University, Korea

**Hyoun-Young Lee**, Konkuk University, Korea

Sang Hoon Lee, Suwon University, Korea

**Myungjin Kim**, National Institute of Environmental Research, Korea

Jae Bok Jung, KSEIA, Korea

Insu Lee, KEI, Korea

Wha Jin Han, KEI, Korea

Young-il Song, KEI, Korea

Yoon-young Choi, KEI, Korea

Jaeyoung Lim, KEI, Korea

#### **Public Relations Committee**

Soo-jae Lee (chair), KEI, Korea

**Jong Ho Lee** (co-chair), Cheongju University, Korea

Young Soo Lee, KEI, Korea

Jun Ho Maeng, KEI, Korea

Dong Jun Chun, KEI, Korea

Juchul Jung, KEI, Korea

Hee Sagong, KEI, Korea

Jong-Ho Kim, KEI, Korea

Paikho Rho, KEI, Korea

#### **Sponsorship Program Committee**

Muchoon Lee (chair), Yonsei University, Korea

Kwang Kyu Kang (co-chair), KEI, Korea

Tae-hwan Ha, KEI, Korea

Tae Ho Ro, KEI, Korea

Joon Hwa Jung, Dae Young EEC, Korea

**Sang-hoon Lee**, Catholic University of Korea,

Sang Ki Chun, Korea East-West Power Co, Korea

#### **Technical Program Committee**

Young Han Kwon (chair), KEI, Korea

Heon-Seok Yoo (co-chair), KEI, Korea

Jong-Gwan Jung (co-chair), Chungnam Development Institute, Korea

Sangbum Lee, KEI, Korea

Young-Joon Lee, KEI, Korea

Jin Hwan Hwang, KEI, Korea

Jeongim Park, KEI, Korea

So Eun Ahn, KEI, Korea

Jung Jae Park, KEI, Korea

Kong-jang Cho, KEI, Korea

Hyosung Sun, KEI, Korea

**Sang-Don Lee**, Ewha Womans University, Korea

**Seok-soon Park**, Ewha Womans University, Korea **Dong-kun Lee**, Seoul National University, Korea

#### **Special Thanks To**

**John Glasson**, Oxford Institute for Sustainable Development, UK

**Rob Verheem**, The Netherlands Commission for Environmental Assessment, The Netherlands

Barry Sadler, Consultant, Canada

**Maria Partidario**, Instituto Superior Técnico, Portugal

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Maya Villaluz, World Bank, Philippines

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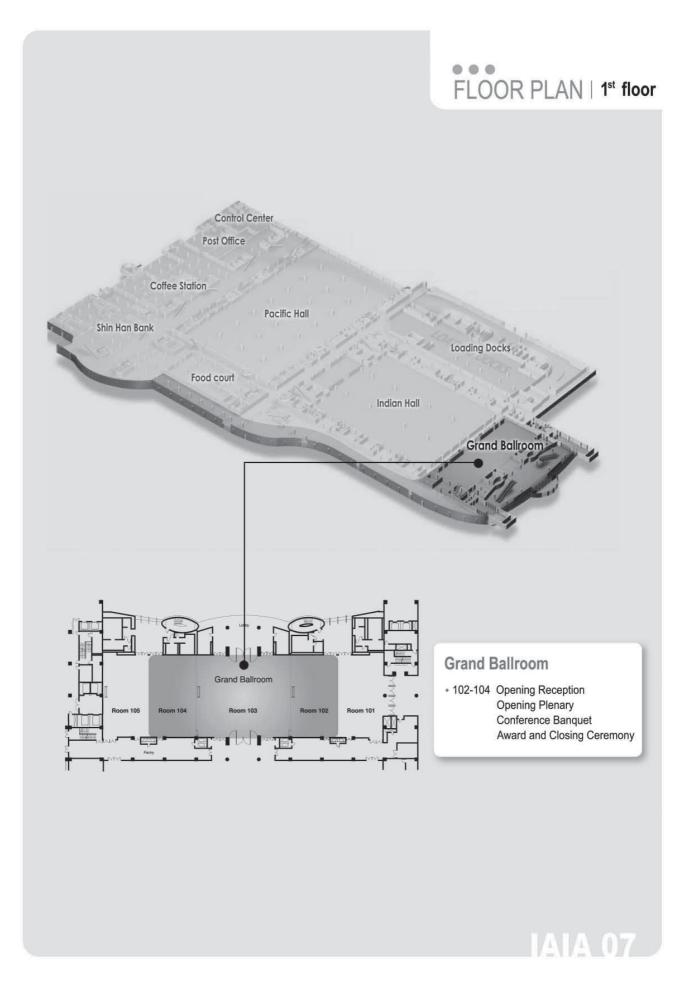
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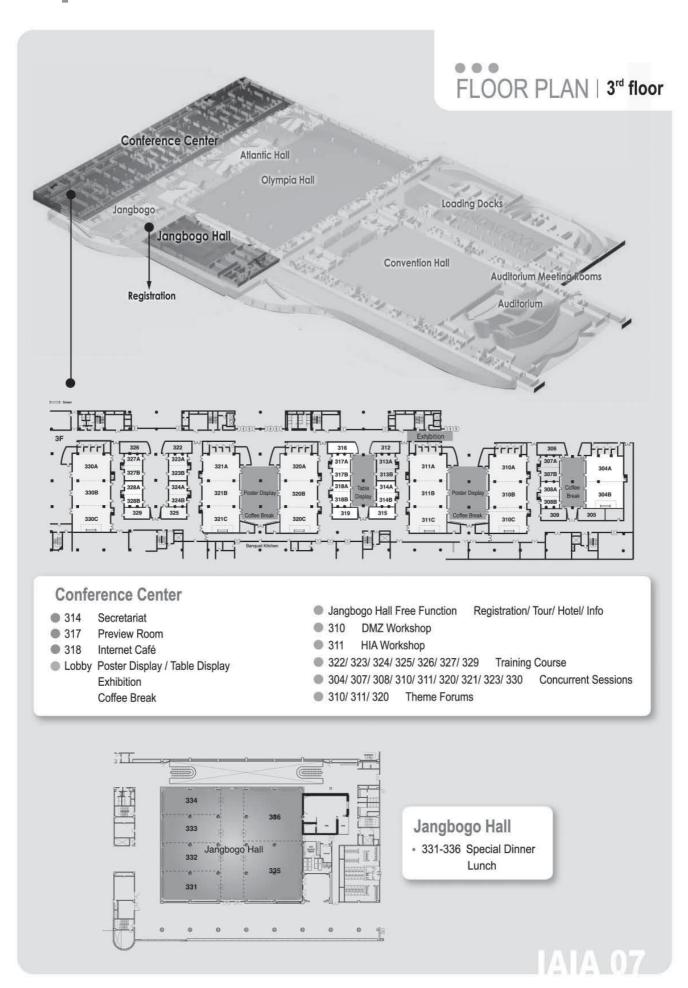
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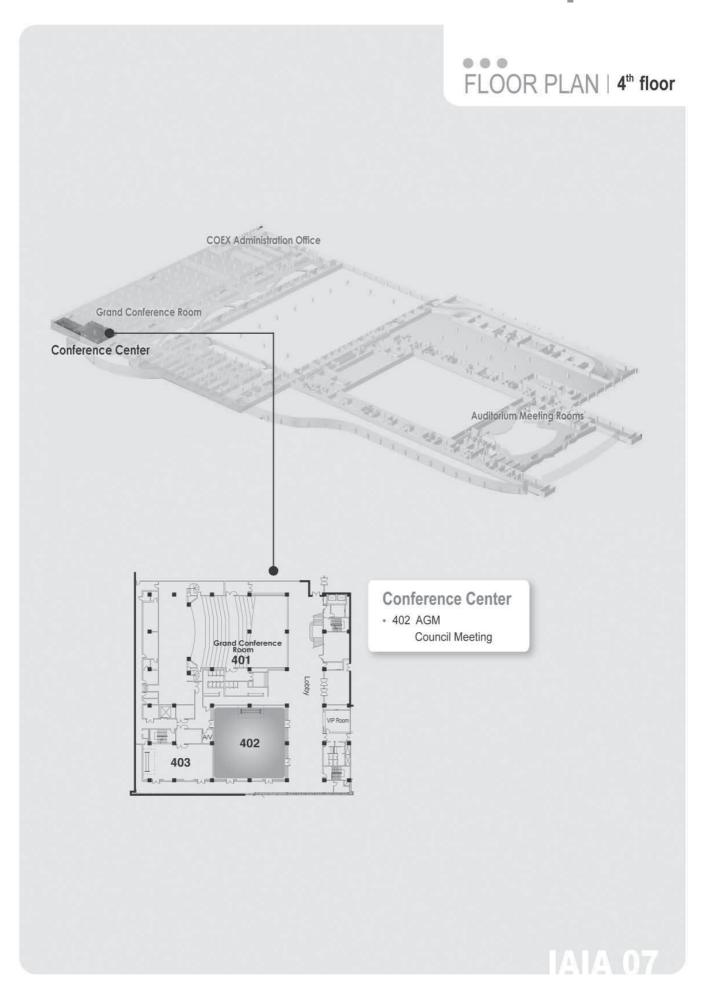
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