



IMPACT ASSESSMENT

in the age of
artificial intelligence

44th Annual Conference of the
International Association for Impact Assessment

1-4 MAY 2025

Bologna Congressi (Bologna Congress Center)
Bologna, Italy

LOCAL HOST AND ORGANIZER



IAIA-Italia | www.iaiaitalia.org

IN ASSOCIATION WITH



Algebra A.I. Srl | www.algebrasrl.com



Qcumber | www.q-cumber.org

FINAL PROGRAM

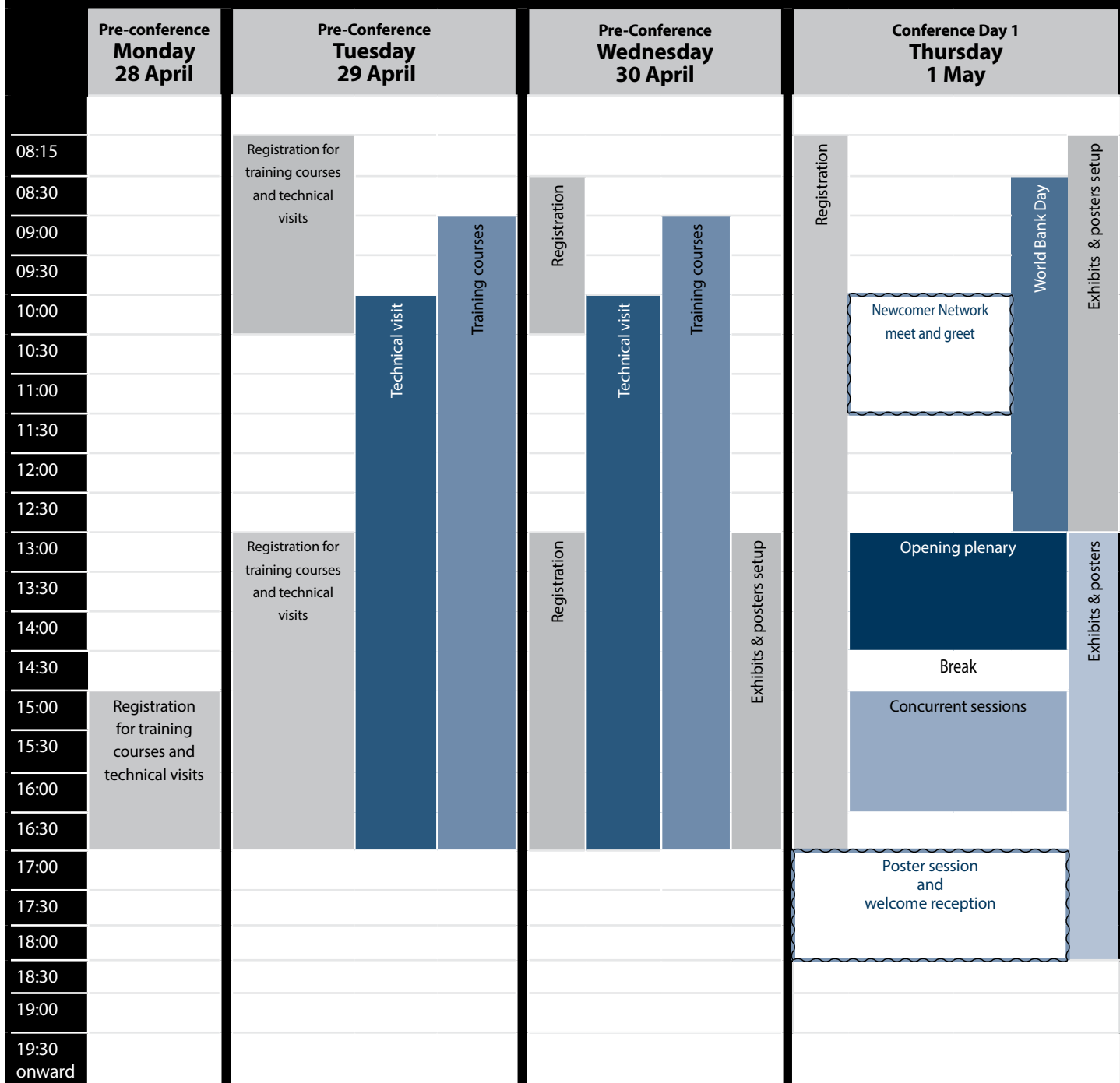
Current as of 14 March 2025. Check the mobile app for updates.

Conference overview

REGISTRATION DESK HOURS

Monday 28 April	15:00-17:00
Tuesday 29 April	08:15-10:30, 13:00-17:00
Wednesday 30 April	08:30-10:30, 13:00-17:00
Thursday 1 May	08:15-17:00
Friday 2 May	08:30-16:30
Saturday 3 May	08:30-16:30
Sunday 4 May	08:30-14:00

Conference Overview



Conference overview

	Conference Day 2 Friday 2 May	Conference Day 3 Saturday 3 May	Conference Day 4 Sunday 4 May	Post-Conference Monday 5 May	
					08:15
					08:30
Registration	Theme forums	Theme forums	Theme forums	Technical visit	09:00
	Break	Break	Break		09:30
	Concurrent sessions	Concurrent sessions	Concurrent sessions		10:00
	Lunch and Committee meetings	Lunch and Committee meetings	Lunch and Committee meetings		10:30
	Concurrent sessions	Concurrent sessions	Concurrent sessions		11:00
	Break	Break	Break		11:30
	Concurrent sessions	Concurrent sessions	Concurrent sessions		12:00
	Section meetings and Affiliates Forum	Section meetings			12:30
					13:00
					13:30
					14:00
					14:30
					15:00
					15:30
			Closing plenary	16:00	
			Exhibit & poster dismantling	16:30	
				17:00	
				17:30	
				18:00	
			Banquet	18:30	
				19:00	
				19:30 onward	

Daily schedule

MONDAY 28 APRIL

15:00-17:00 **Registration** (Congress center entrance)

TUESDAY 29 APRIL

08:15-10:30 **Registration** (Congress center entrance)

09:00-17:00 **Training courses (Day 1)**

1. More effective impact assessment: Tools (Bianca A)
2. Transforming ESIA into action (Bianca B)
3. Nature-based solutions (Module A)
5. Sustainable finance, ESG, and IA in the age of AI (Ciano)
6. Cumulative effects assessment (Indaco)
7. Leadership in ESIA (Blu)
8. Social risk management for major projects (Uficio C)
9. Public participation, IA, and AI (Module B)
10. Strategic Thinking for Sustainability (ST4S) (Module 3)
12. Human rights in impact assessment (Cobalto)
13. More effective EIA follow-up (Ambra)
14. Psychology-informed impact assessment (Turchese)

10:00-17:00 **Technical visit A*: Hera Ambiente: Ferrara Waste-to-Energy Plant and Material Recovery Facility + Ferrara's historic center**
(Special thanks to Hera Ambiente for their contributions to this event.)

13:00-17:00 **Registration** (Congress center entrance)

WEDNESDAY 30 APRIL

08:30-10:30 **Registration** (Congress center entrance)

09:00-17:00 **Training courses (Day 2)**

10:00-17:00 **Technical visit C*: Centro Euro-Mediterraneo sui Cambiamenti Climatici (CMCC) + Bologna's historic center**

13:00-17:00 **Registration** (Congress center entrance)

13:00-17:00 **Exhibit setup (ExGam)**

THURSDAY 1 MAY

08:15-17:00 **Registration** (Congress center entrance)

08:15-13:00 **Exhibit and poster setup** (ExGam)

08:45-13:00 **Workshop: World Bank** (Bianca)

10:00-11:30 **Newcomer Network** (ExGam exhibition area)

13:00-14:30 **Opening plenary** (Europa)

- Opening address: Giuseppe Magro and Roberta Vicentini Magro, Conference Co-Chairs
- Welcome: Matteo Lepore, Mayor of Bologna
- Welcome: Paolo Rozera, Executive Director, Italian National Committee for UNICEF
- Video: International q-HACK5.0 2025, IAIA Italia-UNICEF
- Welcome: Alan Ehrlich, IAIA President
- Welcome: Gary Baker, IAIA CEO
- Introduction to the conference theme: Walter Ganapini, Environmental Scientist and Sustainability Expert
- Keynote address: Federico Faggin, Engineer, Physicist, and Inventor of the Microprocessor
- Closing remarks: Giuseppe Magro and Roberta Vicentini Magro, Conference Co-Chairs

14:30-15:00 **Break** (ExGam)

15:00-16:30 **Concurrent sessions**

15:00-16:30 **IAIA's SEA Guidance for the Energy Transition** (Uficio C)
Updates from the authors on IAIA's SEA initiative for renewable energy, related trainings, and next steps, plus Q&A.

17:00-18:30 **Poster session and welcome reception** (ExGam)

FRIDAY 2 MAY

08:30-16:30 **Registration** (Congress center entrance)

09:00-10:30 **Theme forums**

10:30-11:00 **Break** (ExGam)

11:00-12:30 **Concurrent sessions**

12:30-13:50 **Lunch** (ExGam)

12:30-13:30 **Committee meetings**

- IAPA Editorial Board (Indaco)
- Awards (Indaco)
- Sections Coordinating (Indaco)

14:00-15:30 **Concurrent sessions**

15:30-16:00 **Break** (ExGam)

16:00-17:30 **Concurrent sessions**

16:00-18:00 **Special event: L'Intelligenza Artificiale nel Permitting 5.0/Artificial Intelligence in Permitting 5.0** (Italia)
Discover how AI is transforming impact assessment and permitting processes globally. *(In Italian)*

17:45-18:45 **Affiliates Forum: Progress Through Collaboration** (Uficio C)

17:45-18:45 **Section meetings**

- Academia (Module A)
- Agriculture, Forestry and Fisheries (Module B)
- Biodiversity & Ecology (Ambra)
- Corporate Stewardship & Risk Management (Blu)
- Cultural Heritage (Module 3)
- Cumulative Effects (Cobalto)
- Disasters and Conflicts (Turchese)
- Strategic Environmental Assessment *(proposed)* (Ciano)

SATURDAY 3 MAY

08:30-16:30	Registration (Congress center entrance)
09:00-10:30	Theme forums
10:30-11:00	Break (ExGam)
11:00-12:30	Concurrent sessions
12:30-13:50	Lunch (ExGam)
12:30-13:30	Committee meetings Training & Professional Development (Indaco) Board Nominations (Indaco) Journal Management (Indaco)
14:00-15:30	Concurrent sessions
14:00-15:30	Plug in to IAIA (Uficio C) Join us to learn more about IAIA and different ways you can get involved.
15:30-16:00	Break (ExGam)
16:00-17:30	Concurrent sessions
17:45-18:45	Section meetings AI and Emerging Technology (Cobalto) Climate Change (Ambra) Governance and Implementation Systems (Turchese) Health (Module A) Indigenous Peoples (Ciano) Public Participation (Blu) Social Impact Assessment (Module 3) Students and Young Professionals (Module B)

SUNDAY 4 MAY

08:30-14:00	Registration (Congress center entrance)
09:00-10:30	Theme forums
10:30-11:00	Break (ExGam)
11:00-12:30	Concurrent sessions
12:30-13:50	Lunch (ExGam)
12:30-13:30	Committee meeting Technical Program Committee (<i>Indaco</i>)
14:00-15:30	Concurrent sessions
15:30-16:00	Break (ExGam)
16:00-17:30	Closing plenary (Europa) <ul style="list-style-type: none">• Welcome: Giuseppe Magro and Roberta Vicentini Magro, Conference Co-Chairs; Marco Sumini• Keynote address: Oscar di Montigny; Popularizer, Entrepreneur, and Author• Presentation of Awards: Francesca Vilianni, Awards Committee Chair; Gary Baker, CEO; Alan Ehrlich, President• Presidential address: Lone Kørnø, IAIA President-Elect• IAIA25 conference compilation: Mario Piavoli• Invitation to IAIA26: Jean Hébert and Annie Prince, AQÉI, Conference Co-chairs• Thank you: Giuseppe Magro and Roberta Vicentini Magro
15:30-17:30	Exhibit and poster dismantle
19:00-22:00	Banquet (Palazzo Re Enzo, Piazza del Nettuno, 1/C)

MONDAY 5 MAY

09:00-17:00	Technical visit D*: Hydrogen Valleys in Italy + Guided tour of Padua
-------------	---

*TECHNICAL VISIT PARTICIPANTS

Please meet at the congress center entrance a minimum of 15 minutes prior to departure.

COFFEE BREAKS AND LUNCHES

Based on the data collected via registration forms, IAIA arranged for a percentage of vegetarian meals. This does not guarantee accommodation of individual preference. Did you know? All tableware and cutlery at the Bologna Congress Center is compostable!

NEED TO MEET WITH YOUR COLLEAGUES OR CATCH UP ON EMAIL?

Meeting space is available on a first-come, first-served signup basis in Uficio C (1-4 May from 09:00-17:30).

Work space is available in Uficio B (1-4 May from 09:00-17:30).

Technical program overview

■ Plenary
■ Theme forum
■ Concurrent session

	Europa	Italia	Bianca	Avorio	Ambra
Thursday 1 May					
13:00-14:30	Opening Plenary				
15:00-16:30		Improving Governance and Decision Making in IA: Addressing Ecological and Participatory Challenges (p10)	Use of Data, Technology, and Artificial Intelligence Tools for Enhanced Accountability (p10)	Data Protection in Social Impact Assessment (p10)	AI and Remote Sensing for Sustainability and Environmental and Social Risk Management (p9)
Friday 2 May					
09:00-10:30	A Rights-Based Approach to IA: Indigenous Resilience and Resurgence Through Engaging in IA (p11)	Tools and Techniques for Regional Cumulative Effects Assessment and Management (p11)	What's the Reality Behind the AI Hype in IA? (p11)	The Emerging Role of Artificial Intelligence in the Future of Impact Assessment (p11)	
11:00-12:30		Academia Research and Teaching I (p11)	Linking Global Commons Issues to IA: Fit for Future Actions and Next Steps (p13)	Meaningful Stakeholder Engagement: For and With Affected Stakeholders I (p12)	AI and Sustainability: The New Era of Environmental Assessment I (p13)
14:00-15:30		Academia Research and Teaching II (p14)	AI for Social Risk Management: Insights from International Organizations (p15)	Meaningful Stakeholder Engagement: For and With Affected Stakeholders II (p14)	AI and Sustainability: The New Era of Environmental Assessment II (p15)
16:00-17:30			IAIA and Cumulative Effects: A New Section and a Busy Future (p17)	Meaningful Stakeholder Engagement: For and With Affected Stakeholders III (p16)	Blue Economy, SEA, and Marine Spatial Planning (p16)
Saturday 3 May					
09:00-10:30	Can AI Support Long-Term Monitoring and Adaptive Management? (p18)	Essential AI Learnings: ESIA Tools from Multilateral Financial Institutions (p17)	Environmental Impact Assessment in the AI Era: The Case for AI in Baseline Biodiversity (p17)	Human Rights Impact Assessment of Digital Technology (p18)	
11:00-12:30		Climate and Gender Investment Matters (p20)	Indigenous Holistic Cumulative Effects Programs: Enhance Your Assessments (p18)	Transparency and Data Sharing in Impact Assessment for the Energy Transition I (p20)	Exploring the Use of AI to Tackle the Social Implications of Climate Change (p19)
14:00-15:30		Cumulative Effects Assessment, Monitoring and Management: State-of-the-Art I (p22)	Updating Best Practice Principles on Engaging with Indigenous Communities I (p20)	Transparency and Data Sharing in Impact Assessment for the Energy Transition II (p22)	Effective Integration of Climate Change Risks in Impact Assessment I (p21)
16:00-17:30		Cumulative Effects Assessment, Monitoring and Management: State-of-the-Art II (p24)	Updating Best Practice Principles on Engaging with Indigenous Communities II (p22)	Meet the Editor (p23)	Effective Integration of Climate Change Risks in Impact Assessment II (p23)
Sunday 4 May					
09:00-10:30	Challenges of AI for Accountability and Ethical Practice in Impact Assessment (p24)	Essential AI Learnings: Workflow Management for ESIA from MFIs (p24)	Can IA Be More "Future-Smart": Incorporating Futures Thinking in IA (p25)	What Science and Whose Art? Demarcation of AI and Human Roles in IA (p25)	
11:00-12:30			Bioregional Impact Assessment (p25)	Offshore Wind Farms ESIA: State of the Art, Issues, and Opportunities (p26)	Implementation of HIA from a Comparative Perspective: Common Grounds, Differences, and the Future with AI (p25)
14:00-15:30		The Future of IA (p29)	Embracing Nature: From Grey Solutions to Nature-Based Solutions (p27)	Global Perspectives on the Evolution of Impact Assessment (IA) Effectiveness (p28)	Handbook on Health Impact Assessment (p27)
16:00-17:30	Closing plenary				

Technical program overview

Turchese	Cobalto	Blu	Module A	Module B	
Thursday 1 May					
					13:00-14:30
AI in IA: Enhancing Cumulative Effects Assessment in the Era of Decarbonization and Self-determination (p10)	Applying and Strengthening Qualitative Methods for Effective IA (p9)	Future-Proofing AI: Governance, Sustainability, and Impact: Shaping the Next Generation of Impact Assessments (p11)	Korean Endeavor to Accomplish Digital EIA: Demonstration (p10)	The Good, the Bad and the Ugly: The Role of AI in Public Participation in IA (p9)	15:00-16:30
Friday 2 May					
					09:00-10:30
Assessment of Climate-Related Disasters and Adaptation Actions (p12)	Bridging the Digital Divide: Enhancing EIA in Low- and Middle-Income Countries (p12)	Pivoting Policies: Evidence-Based Environmental Policymaking and its Impact on Renewable Energy Development (p13)	Indigenous Knowledge as a Driver of Innovation in Impact Assessment I (p13)	Using AI Technologies to Quantify Environmental Impacts on Complex Systems (p13)	11:00-12:30
Disasters, Conflict and Impact Assessment: What Has Been Done? What Is New? I (p14)	Emerging AI Applications in IA I (p15)	Asian S3EA: Strategic, Spatial and Sustainable EA in AI Era I (p14)	Indigenous Knowledge as a Driver of Innovation in Impact Assessment II (p15)	Advancing Biodiversity Assessment, Risk Management, and Conservation Strategies I (p14)	14:00-15:30
Disasters, Conflict and Impact Assessment: What Has Been Done? What Is New? II (p16)	Emerging AI Applications in IA II (p17)	Asian S3EA: Strategic, Spatial and Sustainable EA in AI Era II (p16)	Indigenous Knowledge as a Driver of Innovation in Impact Assessment III (p17)	Advancing Biodiversity Assessment, Risk Management, and Conservation Strategies II (p16)	16:00-17:30
Saturday 3 May					
					09:00-10:30
Beyond the Buzz: Real-World AI Applications in IA (p19)	Impact Assessment of Mine Closure for Post-Mining Transitions (p18)	Critical Habitat Assessment for No Net Loss in Linear Infrastructure Projects (p19)	Challenges Facing the IA Process in Developmental Projects: An African Perspective (p19)	Mainstreaming AI in Environmental Baseline and Monitoring (p19)	11:00-12:30
Environmental and Social Management Systems: Transforming EIAs into Actions I (p21)	Improving Strategic Environmental Assessment Practice in the EU and the Wider World: Can AI Help? I (p22)	Social Acceptance in the "Backyard": Approaches and Empirical Evidence I (p20)	Human-Centric AI Implementation into ESIA and CSR I (p21)	How can AI Improve IA Follow-Up Practice? (p21)	14:00-15:30
Environmental and Social Management Systems: Transforming EIAs into Actions II (p23)	Improving Strategic Environmental Assessment Practice in the EU and the Wider World: Can AI Help? II (p24)	Social Acceptance in the "Backyard": Approaches and Empirical Evidence II (p22)	Human-Centric AI implementation into ESIA and CSR II (p23)	Artificial Intelligence in Capacity Building for Impact Assessment (p23)	16:00-17:30
Sunday 4 May					
					09:00-10:30
Advancements in Environmental Impact Assessment Through Digital Innovations I (p27)	Challenging Implementation of Cultural Heritage Impact Assessment Standards (p26)	Impact Assessment and Governance for Climate Adaptation and Mitigation in Megacities (p26)	Korea's Urban Planning Technology Development in Response to Climate Change (p26)	Are Competent Experts and Capacity Building Still Core to IA in Spite of AI? (p26)	11:00-12:30
Advancements in Environmental Impact Assessment Through Digital Innovations II (p28)	Cultural Heritage in Strategic Environmental Assessment (p28)	Improving IA Efficiency for Climate Change: Why, When and How (p27)	Navigating Complexities: Resettlement Management in Zones Emerging from Conflict (p28)	Navigating Conservation with AI: Trustworthy Data for a Sustainable Future (p27)	14:00-15:30
					16:00-17:30

Technical program overview

■ Plenary
■ Theme forum
■ Concurrent session

	Module 3	Ciano	Celeste	Indaco
Thursday 1 May				
13:00-14:30				
15:00-16:30	Assessing the Impacts of Food Systems: Experiences from the UN RBAs (p9)	The Validation of Impact Assessments, Adaptive Management, and Reassessments (p9)	Artificial Intelligence Tools to Improve Impact Assessment of Linear Infrastructure Project (p10)	Toward Improving Social Impact Management in the Mining Sector (p9)
Friday 2 May				
09:00-10:30				
11:00-12:30	Reform of EsIA: The Good, the Bad, and the Ugly (p12)	Can AI be an Effective Tool for Supporting Country Biodiversity and Forestry Assessments? (p12)	AI in the USA: Technology's Potential to Improve the National Environmental Policy Act (NEPA) IA Process (p13)	Going Digital, Staying Human: Technology and Social Impact Assessment (p12)
14:00-15:30		Using Strategic Thinking in Impact Assessment to Enhance Sustainability I (p15)	What is Needed to Achieve Trusted and Efficient IA for "Green" Projects (p15)	SIA as the Basis for Ongoing Participatory Community Monitoring; Examples from Across the World (p14)
16:00-17:30	Self-Determined and Culturally-Relevant Gender-Based Analysis and Intersectional IA: An Invitation for Action (p16)	Using Strategic Thinking in Impact Assessment to Enhance Sustainability II (p17)	Evolving the State of the Art in Psycho-Social Impact Assessment (p17)	Help Finalize Best Practice Principles in Participation, AI Assisted! (p15)
Saturday 3 May				
09:00-10:30				
11:00-12:30	Identifying Potential Health Impacts of the Use of Artificial Intelligence (p18)	Linkages Between Sustainable Finance Frameworks and Impact Assessments Systems (p20)	Assessing the Impact of Emergent Technologies in Monitoring and Measuring Biodiversity at Mine Sites (p18)	IAIA Climate Change Action Plan: What's New? What's Next? (p19)
14:00-15:30	Data-Driven Social Risk Management Methods and Tools for Central and Local Use I (p22)	Steps and Tools to Improve Documents and Procedures to Streamline IA I (p21)	The Biodiversity Significance of Some Modified Habitats: Implications for Impact Assessment I (p20)	Exploring AI for Effective Stakeholder Engagement in Impact Assessments (p21)
16:00-17:30	Data-Driven Social Risk Management Methods and Tools for Central and Local Use II (p24)	Steps and Tools to Improve Documents and Procedures to Streamline IA II (p23)	The Biodiversity Significance of Some Modified Habitats: Implications for Impact Assessment II (p23)	Identifying Real-World Solutions to Support Women in Green Transition Energy Projects (p24)
Sunday 4 May				
09:00-10:30				
11:00-12:30	Evidence-Base in Impact Assessment: The Role of Spatial Data and GIS-Based Decision-Support Tools I (p27)	Artificial Intelligence and Indigenous Data in Impact Assessments (p25)	Post-Resettlement Livelihoods: Reality, Experiences, and Lessons (p25)	Making Impact Assessment More DAVE (p26)
14:00-15:30	Evidence-Base in Impact Assessment: The Role of Spatial Data and GIS-Based Decision-Support Tools II (p29)		Practical Assessment and Mitigation Approaches in IA (p28)	Synergies Between Impact Assessment and the Circular Economy (p28)
16:00-17:30				

THURSDAY, 1 MAY | 15:00-16:30

The Good, the Bad, and the Ugly: The Role of AI in Public Participation in IA

Module B

G12. Public participation

Section: Public participation

Paper session

Chair(s): Timothy Peirson-Smith

A highly interactive session to explore how AI can provide a “voice” at the table, and a tangible role in improved and enhanced public participation processes in IA.

AI in Public Participation in IA: Friend or Foe?

Peirson-Smith, Timothy J.

The Democratization of AI and the Legitimacy of IA

Majekolagbe, Adebayo

Integrating AI into Engagement to Maximize Inclusion and Social Outcomes

Solaun, Leticia; Moreland, Rosetta; Borin, Gabrielle

Human-AI Synergy: Crafting Effective Stakeholder Engagement Strategies

Gerheim, Ana Carolina

LLMs Can Assist Public Participation, But Does It Mean More Effective?

Hung, Shiu Fung

A Review of AI Techniques and Their Application to Stakeholder Engagement

Gupta, Ridhee; Singh, Gerald

Toward Improving Social Impact Management in the Mining Sector

Indaco

G13. Social impact assessment

Paper session

Chair(s): Kerry Fairley

This session aims to provide ideas and examples for improving social impacts related to mining projects and operations in the mining sector. Papers will be presented to promote discussion and collaboration on how to improve social impacts to reduce risks to operations and projects and realise benefits to affected communities.

Mining and Spatial Justice: Leveraging SEA for Equitable Outcomes

Soares, Ana Paula; Monteiro, Margarida

The Role of Good Neighbor Agreements in Mining Projects

Guifarro, Ranay

SIA in Bauxite Mining for Alumina: International Comparative Analysis

Eliassen, Søren Qvist; Aaen, Sara Bjørn; Hansen, Anne

Merrill; Jiskani, Izhar Mithal

Contractor Social Management, the Koketso Iron Ore Project: Lessons Learned

Fairley, Kerry

Assessing the Impacts of Food Systems: Experiences from the UN RBAs

Module 3

G2. Agriculture, forestry, and fisheries

Section: Agriculture, Forestry, and Fisheries

World Café

Chair(s): Arundhati Willetts, Maria Rita Borba

The world’s food systems need to deliver adequate, nutritious diets for all, while ensuring decent livelihoods for all involved in the food system chain. This session explores lessons learned from past experiences of the UN RBAs to ensure more sustainable implementation of food production interventions in fragile contexts.

The Validation of Impact Assessments, Adaptive Management, and Reassessments

Ciano

G9. Governance and implementation systems

Paper session

Chair(s): Daniel Stuckless, Margaret Luker

Validation of impact assessment outcomes and plans become a focal point when things don’t go according to plan. This session will describe positives and negatives of outcomes and plans not met or exceeded. In 2022, the Kearl Oilsands Project in Northern Alberta, Canada suffered a tailings pond breach that called into question the Impact Assessment and permitting process. With eroded trust, First Nations sought answers for what went wrong. This session aims to examine the roles of impact assessments, adaptive management, and if reassessments should be conducted when failures occur or if predictions are not met.

AI-Powered Mai Enhances E&S Management in Ceara Green Hydrogen Hub Project

Cordeiro, Ana Carolina; Todt, Guilherme

IA Cumulative Effects Assessment, Management, and Indigenous Rights

Davidson, Carla

Intelligent Ecological and Environmental Zoning-Based Regulation in China

Li, Yafei; Li, Xiaomin; Zhao, Yuting; Zhan, Liwen

Sense as Human: AI-Based Sensors Enhance Long-Term Environmental Monitoring

Zhang, Weixian; Fei, Qing

Looking for **presentation summaries and presenter bios?**

Find them in the **mobile app**

(see page 35).

AI and Remote Sensing for Sustainability and Environmental and Social Risk Management

Ambra

T2. Data-driven innovation of processes, approaches, methodologies, and tools

Panel discussion

Chair(s): Gregory Maggio, Megan Yellin

You can’t be everywhere at once— but emerging technologies are being used at the World Bank and other organizations to enable more targeted monitoring and supervision, to better manage risks through ensuring application of environmental and social safeguards and more readily ascertain needs and opportunities for meeting development objectives.

Trajectory of Remote Sensing to Support Planning for the “Day After”

Aoun, Joy

Digital E&S Diagnostic for Public Buildings: Enhancing Service Delivery

Lima de Paula, Gabriela; Todt Cardoso de Faro, Guilherme; Coelho Gomes Costa, Alberto; Alves Dias Falcão, Milena; Ermida Gonzalez, Paulo

Leveraging Digital Solutions for Supervision and Capacity Building

Kone, Natasha

Assessing Social, Environmental, and Climate Compliance through AI

Diaby, Aboubacar; Peglidou, Paraskevi

GenAI for Project Supervision

Yellin, Megan; Maggio, Greg

Applying and Strengthening Qualitative Methods for Effective IA

Cobalto

T2. Data-driven innovation of processes, approaches, methodologies, and tools

Paper session

Chair(s): John Sinclair

IA professionals are testing, and looking for, innovative ways to apply qualitative methods to meet the demands of evolving IA frameworks, including with the use of AI. This IAIA session brings together global IA leaders to share and discuss approaches for effectively integrating qualitative methods into IA.

Using Ethnography to Strengthen IA with Indigenous Peoples

Anderson, Alfredo

Strengthening Qualitative Methods for Effective IA

Sinclair, John; Walker, Heidi

Keeping EA in Touch with Dynamic Impacts and Objectives: Systems Thinking

Ravn Boess, Emilia; Kørnøv, Lone; Gordon, Johanna;

Qvist Eliassen, Søren

Qualitative Methods for Indigenous-Led Impact Assessments

Bockstael, Erika; Ballard, Myrle

Sessions

Artificial Intelligence Tools to Improve Impact Assessment of Linear Infrastructure Project

Celeste

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Franck Duchassin

This session explores the use of AI for planning linear infrastructures, aiming to reduce environmental impact and improve the efficiency of the environmental impact assessment process. It presents case studies, shares expertise, and discusses ethical and regulatory challenges for sustainable development.

A Socio-Spatial Approach to Visualize Phases of Development in One Timeline

Kumar, Saransh

Impact of Land Use on Wildlife-Vehicle Collisions in Romania

Borlea, Silvia; Nistorescu, Marius; Doba, Alexandra; Moț, Radu

Enhancing Impact Assessment Engagement Through Interactive 3D Journey

Brodie, Chris; Shields, Ellen

Representation of African Languages in Natural Language Processing (NLP)

Oosthuizen, Tania; Davie, Therise

Improving Governance and Decision Making in IA: Addressing Ecological and Participatory Challenges

Italia

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Jane McQuitty

This session explores new tools and alternative perspectives to improve IA decision-making. Presentations examine eDNA applications for biodiversity assessment, strategic ecological monitoring, and lessons from UK offshore wind approvals. The session concludes with a proposal for diagnosing how IA frameworks shape public participation and advocacy, ensuring a more inclusive decision-making process.

Advanced SESA: Case Study of eDNA Application in the Solomon Islands

Ricciardi, Francesco; Annandale, David; Annandale, Darko

eDNA Analysis for Biodiversity Assessment in Offshore Environment

Gordigiani, Lorenzo; Cuzzola, Antonino; Missori, Cristina; Fistrale, Agostina; Guazzi, Chiara; Rota, Noemi

Smoothing Consent: Lessons Learned from Ecological Case Studies in the UK's Offshore Wind Farm Industry

Gall, Catriona; Macleod, Kelly

Power, Participation, and Silence: EIAs as Speech Acts in Urban Advocacy

McQuitty, Jane

Korean Endeavor to Accomplish Digital EIA: Demonstration

Module A

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Sangyun Lee
This session is sponsored by Korea Environment Institute.

In this session, we provide various demonstrations with respect to digital environmental impact assessment, including scoping reference statement, EIA checklists of individual items, and digital effort for post-environmental monitoring.

Development of a Scoping Support System for Digital EIA

Kim, Taeyun; An, Junyeong; Kim, Kyoungmin

Digital Transformation of EIA in South Korea

Park, Taeho; An, Junyeong; Kim, Kyungmin

Remote Sensing-Based Water Environment Monitoring System for Post-EIA

Baek, Donghae; Park, Taeho; Cho, Young-il

Exploring AI-IoT Integration for Air Quality and Health Management in Ulsan

Jeon, Seohyun; Jeon, Sookjin

Use of Data, Technology, and Artificial Intelligence Tools for Enhanced Accountability

Bianca

T2. Data-driven innovation of processes, approaches, methodologies, and tools
World Café
Chair(s): Benoit Vanwelde, Laurence Levaque

The session will explore how data, technology, and AI tools can reinforce accountability practices and trust in project development. Starting with a brief introduction on accountability and a presentation of technological applications used for assessing environmental and social performance, parallel discussions will then be organized.

European Investment Bank

*Vanwelde, Benoit
Levaque, Laurence*

Asian Development Bank

*Jalal, Imrana
Llanillo, Olivia Rosita
Kunayanayagam, Ramanai*

Accountability Counsel

Araabi, Samer

AI in IA: Enhancing Cumulative Effects Assessment in the Era of Decarbonization and Self-Determination

Turchese

T3. Evidence-based policymaking
Panel discussion
Chair(s): David Wright

AI capabilities are set to reshape impact assessment, particularly cumulative effects analysis at the intersection of decarbonization and Indigenous self-determination. Experts from academia, industry, and Indigenous organizations will discuss AI's roles and risks in balancing sustainability, community well-being, and Indigenous rights.

Face-to-Face Governance in the Age of Artificial Intelligence

Tootoosis, Mylan; Martin, Dana; Okemow-Bull, Jayneika; Oscepa, Merle; Pewapsconias, Janelle

Integrating Socioecological System Approach in Cumulative Impact Assessment

Mandai, Silvia Sayuri; Moretto, Evandro; Bohlman, Stephanie

Protecting Indigenous IP: Knowledge Sovereignty in Green Energy Project IAs

Stewart, Ian; Milley, Chris; D'Entremont, Cody; Howard, Connor

Data Protection in Social Impact Assessment

Avorio

T4. Environmental, social, and governance reporting and disclosure
Section: Social Impact Assessment
Paper session
Chair(s): Ilse Aucamp

Data protection extends beyond compliance with laws—it forms the cornerstone of ethical business practice and customer relationship management. This session features papers on how data protection can be ensured in SIA processes, what the consequences are of not protecting data and why it is important.

Hidden Risks: Data Protection Challenges and Solutions for Impact Assessment

Strachan, Danie

Balancing AI and Data Management with Indigenous Communities

Tibor-McMahon, Marian; Fox, Michael

Why Data Protection in SIA Matters More for Social Enterprises

Giderler, Memduh Eren; Çalişan, Aysima

Future-Proofing AI: Governance, Sustainability, and Impact - Shaping the Next Generation of Impact Assessments

Blu

T1. Impact of artificial intelligence on impact assessment
Panel discussion
Chair(s): Jonathan Ward

This panel delves into the intersection of digital transformation, governance, and sustainability, examining AI's environmental impact—both positive and negative. Experts from diverse sectors discuss best practices, innovations in sustainable AI, and the challenges and opportunities of AI adoption, offering key insights into its future role in impact assessment.

Introduction to the Session and Opening Remarks

Ward, Jonathan

A Tool to Examine the Effectiveness of Environmental Policies and Institutions

Vizeu Pinheiro, Maria; Sanchez de Triana, Ernesto

Governance of Digital Technology and Transformation Toward Sustainability

Ghazal, Sarah; Fadel, Mutasem

Data Centers and AI: Is it Sustainable?

Serrano, Christopher

FRIDAY, 2 MAY | 09:00-10:30

A Rights-Based Approach to IA: Indigenous Resilience and Resurgence Through Engaging in IA

Europa

G11. Indigenous Peoples
Theme forum - Panel discussion
Chair(s): Callie Davies-Flett, Mandy Olsgard

Athabasca Chipewyan First Nation, an Indigenous community living downstream from the largest open pit mines in the world, will discuss their engagement within colonial IA processes, highlighting struggles and successes using Indigenous Knowledge as a grounding force for community-led impact assessments, development of environmental policies, and data analytics tools.

Using Indigenous Knowledge to Guide Western Science in Environmental Monitoring

Cyprien, Lori; Mclean, Bruce

NÄ' Chu Tu KelnÄ', Denesuline Framework for Assessing Impacts to Rights

Banjoko, Moronkeji - Kg

Case Studies for Rights-Informed Research to Protect Nation Indigenous Use

Bebetidoh, Timothy

Can AI Support the Integration and Meaningful Use of Indigenous Knowledge?

Davies-Flett, Callie; Olsgard, Mandy

The Emerging Role of Artificial Intelligence in the Future of Impact Assessment

Avorio

T1. Impact of artificial intelligence on impact assessment
Theme forum - Workshop
Chair(s): Alexandra Jiricka-Pürner, Gesa Geißler

In this interactive session, we will dive into the role of AI in the future of IA looking particularly on planning (and data) quality, influence on the effectiveness as well as decision making, acceptance of AI, and diversity in the AI application. The session will build on submissions to an IAPA special issue, facilitating rich interdisciplinary exchange and fostering critical and constructive reflection

He, Robot: A Call for Integrating Equity in AI-Driving Impact Assessments

Howse, Tara

Stakeholders Perspectives on AI Application in SEA and EIA for RE Planning

Jiricka-Pürner, Alexandra; Sandfort, Robin

How to Create AI-Ready Environmental Assessment Dataset

Kørnø, Lone; Lyhne, Ivar

What's the Reality Behind the AI Hype in IA?

Bianca

T1. Impact of artificial intelligence on impact assessment
Theme forum - Workshop
Chair(s): Christopher Bowles, Babette Bresser

Gain concrete insights into how AI technologies are currently being employed within Impact Assessment through lightning talks and a dynamic "Thinking Hats" workshop, bringing together diverse expertise and backgrounds to move past the hype and uncover new, innovative AI-driven solutions and approaches within Impact Assessment.

EA-Hub: Transforming Environmental Impact Assessments Through AI Innovation

Sveding, Karl Rasmus; Holme, Dorte

Testing the Waters: AI vs. Consultants in Biodiversity Due Diligence

Xavier, Hannah; Coey, Suzanne

Smaller than plenaries and larger than concurrent sessions, **theme forums** include "cut-above" presentations and discussions which address the conference theme, bring together the various aspects of impact assessment on a particular topic, and examine how those aspects apply to different sectors and issues.

Tools and Techniques for Regional Cumulative Effects Assessment and Management

Italia

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Theme forum - Workshop
Chair(s): Effah Antwi, Owusu Banahene-Wiafe

In this session, participants will learn three things: 1) The conceptual design and framing of Risk Assessment Framework for Cumulative Effect (RAFCE), 2) Application of AI to a case study of regional assessment; 3) Capabilities of AI for real time data sharing, streamlining the assessment process and collaboration.

Risk Assessment Framework and Software for Cumulative Effects

Antwi, Effah; Boakye Danquah, John

Cumulative Effects Assessment to Inform Project Design and Risk Management

Carreras, Maria Jose; Balbuena, Cesar

Regional Assessments: Their Role in Improving IA Effectiveness and Efficiency

Bonnell, Steve

AI for Cumulative Habitat Assessment

Fant, Mia; Taylor, Brad; Hammad, Lutfiah

The Importance of Field Data in an Era of Artificial Intelligence

MacAfee, Katalijn

FRIDAY, 2 MAY | 11:00-12:30

Academia Research and Teaching I

Italia

G1. Academia
Section: Academia
Paper session
Chair(s): Reece Alberts

For this session of the Academia Section of IAIA, we discuss contributions on impact assessment (IA) research and teaching activities at higher education institutions throughout the world.

Using AI, Drones, and 360° Tech to Train Future EIA Professionals

Picardi, Daniela; Giberti, Veronica

Analysis of the Tools for Teaching EIA

Poggi, Johanna

Engaged Scholarship Research Opportunities through IA Follow-up in Dinokeng

Wessels, Jan-Albert; Nortje, G.P.; Mearns, K.; Jordaan, M.

Ethical Practices on the Use of AI in Curriculum for Social Risk Management

Oso, Oluwatosin; Naswem, Adolphus

Sessions

Meaningful Stakeholder Engagement: For and with Affected Stakeholders I

Avorio

G12. Public participation

Section: Public Participation

Paper session

Chair(s): Karin Buhmann, Alberto Fonseca

This session addresses meaningful stakeholder engagement (MSE) with a focus on barriers, drivers, and good practice for achieving meaningful processes and outcomes for affected stakeholders, locally or along value chains. The session explores a relevant IA issue that is growing significance, related to environmental, social, and governance (ESG).

Toward (Truly) Meaningful Engagements with Affected Stakeholders

Buhmann, Karin; Fonseca, Alberto; Andrews, Nathan;

Amatuli, Giuseppe

Insights from World Bank Portfolio on Meaningful Stakeholder Engagement

Egilmazler, Melike; Gurkan, Asli

FPIC, Meaningful Engagement, and Licensing Process: Limits and Possibilities

Soares, Daniella; Vilela, Pedro

Enabling Meaningful Stakeholder Engagement When Addressing E&S Grievances

Franchini, Vittoria

Beyond Tokenism: Social Marginalization and Meaningful Engagement in Ghana

Andrews, Nathan; Faanu, Phil

Going Digital, Staying Human: Technology and Social Impact Assessment

Indaco

G13. Social impact assessment

Workshop

Chair(s): Sara Bice

Technology, including online consultation and AI, is changing human interactions central to SIA. Join us to explore how technologies influence that most human of impact assessments, SIA. Learn from international examples, debate opportunities and challenges. Collaboratively draft an IAIA FasTips on "Integrating Technology into SIA."

Can AI Be an Effective Tool for Supporting Country Biodiversity and Forestry Assessments?

Ciano

G3. Biodiversity and ecology

Panel discussion

Chair(s): Ahmed Sanda

Can AI be an effective tool for supporting Biodiversity and Forestry Assessments in a particular country or region? A panel of governmental and non-governmental representatives offer diverse perspectives on uses of AI to examine baseline situations, develop mapping/remote sensing, and strategy planning in biodiversity protection.

AI in Monitoring Ancient Woodland Restoration: The Woodland Trust's Approach

Kerr Smith, Catherine

Biodiversity Avoidance and Wetland Restoration in Cotonou, Benin

Bessan, Modestine Victoire; Vu Hong, Van Anh; Jean

Nemer, Randa; Donou, Tolidji Blaise; Emadak, Alphonse;

Sinno, Nahida

IA of TBTPP: Pakistan's Largest Flagship Afforestation Project

Saeed, Hammad; Jamal, Asim

Virtual Reefs: Identifying Critical Coral Larvae Sources Via ABMs

Teo, Aaron

Voice Print Analysis Model for PAM without Machine Learning

Iwayanagi, Mitsuo; Urigo, Akiko

Assessment of Climate-Related Disasters and Adaptation Actions

Turchese

G4. Climate change

Paper session

Chair(s): Emdad Haque

This session will engage in a discussion on how the assessment methods on climate change-related disasters can be improved by accounting for both economic and non-economic losses and damages. You will also learn about assessment methods of positive and negative impacts of adaptation action programs and climate resilience.

Overcoming Barriers to Ground Source Heat Pump Adoption in Rural Areas

Yu, Qiao; Nishikizawa, Shigeo; Murayama, Takehiko;

Suwanteep, Kultip

Which Climate Adaptation Solutions Work and Represent Best Buys

Carstensen, John

Diagnosis and Evaluation of Urban Heatwave Climate Resilience

Lee, Ji Yoon; Kang, Jung Eun

Social Inequality Impacts of Climate Change and Adaptation Action: A Critique

Haque, Emdad; Azad, Mak

An Assessment of Climate-Related Disaster Impact on Social Inequality

Azad, M. Abul Kalam; Haque, C. Emdad

Bridging the Digital Divide: Enhancing EIA in Low and Middle-Income Countries

Cobalto

G9. Governance and implementation systems

Paper session

Chair(s): Landry Fanou, Anna Chadarevian

The Netherlands Commission for Environmental Assessment (NCEA) has organized this session to explore current challenges, solutions, and best practices to promote digital inclusion in the IA arena in low- and middle-income countries. The discussion will focus on how to ensure that technological progress does not widen the digital divide in this context.

Toward Inclusive Digital Stakeholder Engagement

Kalkandelen, Kubra

Digital EIA Disclosure Advocacy and Collaboration in Cambodia

Thy, Try; Koem, Chhuonvuoch

Unveiling the Politics of AI in IA

Harty, Emma

Reform of EsIA: The Good, the Bad, and the Ugly

Module 3

G9. Governance and implementation systems

Section: Governance and Implementation Systems

World Café

Chair(s): Cheryl E. Wasserman

A participatory session will explore proposed reforms of EsIA and permitting to achieve efficiency and effectiveness in a world café around 6 types of reforms. Cost and time required for EsIA created urgency for reforms to address climate change, critical infrastructure and investment. Have they helped or hurt the process?

Toward Efficiency in EsIA and Permitting in a Remote Arctic Setting

Traynor, Stephen

Integration of the EIA Screening Tool into Decision Making and Process Flow

Bendeman, Devinagie; Solomons, Milicent

Linking Global Commons Issues to IA: Fit for Future Actions and Next Steps

Bianca

S1. Special to IAIA

Solution room

Chair(s): Barry Wiesner, Weston Fisher

Assessment lacks linkages to Earth and human systems: what to do? The status of Fit for Future Initiative actions under the Initiative's 7 objectives will be discussed. We will then seek feedback on the actions, proposed next steps, and what still needs to be done, while encouraging increased member involvement.

AI and Sustainability: The New Era of Environmental Assessment I

Ambr

T1. Impact of artificial intelligence on impact assessment

Paper session

Chair(s): Cesar Ramos

This session will explore how AI can optimize Environmental Assessment through data analysis, predictive modeling, delineation of areas of influence, and public participation. Examples include version control systems for documents and algorithms that simulate environmental impact scenarios and analyze comments and opinions.

Leveraging LLMs to Evaluate Public Comments on Japan's Environmental Plans

Ishii, Kohei; Kameda, Akihiro

Narrowing Data Gaps through AI in EA and Monitoring at Red Sea, KSA

Aljahani, Bader; Taylor, Brad; Mumtaz, Ali; Sheikh, Kashif; Shaikh, Shahnawaz

Enabling Communities to Generate Evidence-Based Reports for EAs

Grygar, Martin; Kingsley, Amakiri Tamuno

Insights from the Development and Deployment of AI for Impact Assessment

Tranter, Ngaire

AI in the USA: Technology's Potential to Improve the National Environmental Policy Act (NEPA) IA Process

Celeste

T1. Impact of artificial intelligence on impact assessment

Paper session

Chair(s): Michael Smith

This session examines current progress and the future potential for technology application (including AI) to improve the U.S. National Environmental Policy Act (NEPA) impact assessment process.

An Introduction to Integrating AI and Other Technology Tools in US EIA

Smith, Michael

Amendment, Interpretation, and Changing Implementation of NEPA

Boling, Edward; Hudson, Pam

U.S. Federal Case Law Views on the U.S. Regulatory Proposals

Hudson, P.E. "Pam"; Smith, Michael; Boling, Edward "Ted"

Indigenous Knowledge as a Driver of Innovation in Impact Assessment I

Module A

T2. Data-driven innovation of processes, approaches, methodologies, and tools

Paper session

Chair(s): Nina Barton, Hereward Longley

These three sessions present papers from Canada, Central, and South America that discuss how Indigenous Knowledge and voices are changing impact assessment. Meaningful consideration of diverse knowledge systems can provide more accuracy and relevance for Indigenous communities, contribute to informed decision making, and increase regulatory clarity.

Impact Assessments Using an Indigenous Science Approach: 3-Eyed Seeing

Ballard, Myrle

Place Based or Artificial? The Paradox of Indigenous Science and AI

Woodburn, Gavin; Ballard, Myrle

Biocultural Social-Ecological Systems in IA with Indigenous Peoples

Utsunomiya, Renata; Moretto, Evandro Mateus; Athayde, Simone

Indigenous Knowledge and the Four Directions Model in Treaty #3

Theriault, Desiree; Krolyk, Hailey

Using AI Technologies to Quantify Environmental Impacts on Complex Systems

Module B

T2. Data-driven innovation of processes, approaches, methodologies, and tools

Paper session

Chair(s): Zishu Wang, Chunyan Wang

The worldwide advancement and applications of AI technologies will provide us more approaches to understand the complex human-nature system. How can we use AI technologies to better identify and quantify potential environmental impacts? The participants will contribute their perspectives on the utilization of AI in EIA procedures, offering ideas and sharing best practices.

Intelligent Environmental Governance Metrics for Chinese Cities

Bo, Lujia

Ready for AI: China's Eco-Environmental Zoning-Based Regulation System

Zhan, Liwen; Li, Xiaomin; Zhao, Yuting; Li, Yafei

AI-Enhanced Turbidity Prediction: Mitigating Impacts on Dam Reservoirs

Chung, Sewoong; Kim, Sungjin; Kim, Dongmin; Lee, Eunju; Yeojeong Yun, Yeojeong

Data-Driven Evaluation of Watershed Ecological Index in Human-Nature System

Wang, Miao; Su, Mai; Liu, Yang; Liang, Jing; Wang, Zishu; Liu, Yi

Pivoting Policies: Evidence-Based Environmental Policymaking and its Impact on Renewable Energy Development

Blu

T3. Evidence-based policymaking

Paper session

Chair(s): Jana Minnaar

In the context of climate change and the imperative to shift toward sustainable energy, this session focuses on evidence-based environmental policymaking's impact on the renewable energy sector. Presenters will share real-world examples, discussing how such policies have accelerated or halted renewable energy development.

Assessing the Effects of Energy Sector Macro Policies in Iran on Development of Renewable Energies

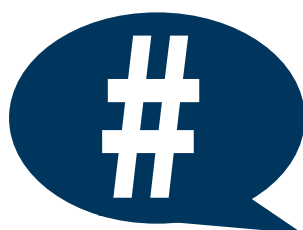
Mobarghaee Dinan, Naghmeh; Shokrollahi, Saba

Policies and Regulations Effects on Renewable Energy Projects in QC and AB

da Costa Lenz Cesar, Juliana; Feret, Matthieu

Environmental Legislative Updates for BESS Developments in South Africa

Minnaar, Jana



Share your thoughts on a session or the day's events by tagging **#iaia25** on LinkedIn, Facebook, and Instagram!

Sessions

FRIDAY, 2 MAY | 14:00-15:30

Academia Research and Teaching II

Italia

G1. Academia

Section: Academia

Paper session

Chair(s): Reece Alberts

For this session of the Academia Section of IAIA, we discuss contributions on impact assessment (IA) research and teaching activities at higher education institutions throughout the world.

Indigenous-Led Cumulative Impact Assessment Online Training Program

Murphy, Matt; Keefer, Justine

Lessons Learned from SEA Master Course Development in 6 Asian Universities

Ekbohm, Anders; César, Emelie; Ölund Wingqvist, Gunilla

Meaningful Stakeholder Engagement: For and with Affected Stakeholders II

Avorio

G12. Public participation

Section: Public Participation

Paper session

Chair(s): Karin Buhmann, Alberto Fonseca

This session addresses meaningful stakeholder engagement (MSE) with a focus on barriers, drivers, and good practice for achieving meaningful processes and outcomes for affected stakeholders, locally or along value chains. The session explores a relevant IA issue that is growing significance, related to environmental, social, and governance (ESG).

An Implementation of Public Participation in EIA system in Thailand

Chompunth, Chutarat

Exploring Elements of Meaningful Public Participation in the Colombian EIA

Bayuelo, Mario

What Should IA Address? Lessons From Public Engagement in Manitoba

Fast, Heather; Fitzpatrick, Patricia; Dilay, Katrine

What Makes Transboundary IA Stakeholder Engagement Meaningful?

Chanchitpricha, Chaunjit; Bond, Alan; Hanchenlaksh,

Chalalai; Sittitooon, Nalin; Runglek, Parach;

Viwatrujirapong, Pichayut

Value Chain Stakeholders and IA Follow-Up on Amazon Rainforest Mining

Margarido, Natália; Hanna, Philippe; Sánchez, Luis;

Arts, Jos

SIA as the Basis for Ongoing Participatory Community Monitoring: Examples from Across the World

Indaco

G13. Social impact assessment

Section: Social Impact Assessment

Paper session

Chair(s): Kathy Witt, Will Rifkin

Come and explore the opportunities and challenges of taking SIA one step further to become ongoing participatory community monitoring. We will hear examples of where this has worked or not from around the world.

SIA and Indigenous People: Toward Participatory Monitoring Processes

Diantini, Alberto; Hanna, Philippe

SIA Research on a Cycle Trail: A Case for Community Monitoring

Taylor, Nicholas (Nick); Mackay, Michael

Empowering Communities: Leveraging SIA in Red Sea Global

Shaabein, Majed; Alkhalaqi, Khlood; Alyousef, Faisal;

Almansour, Maram; Hammad, Lutfiah

Participatory Assessment of an Indigenous Program at Brazilian Amazon

Ingles de Sousa, Cassio

Advancing Biodiversity Assessment, Risk Management, and Conservation Strategies I

Module B

G3. Biodiversity and ecology

Paper session

Chair(s): Mark Leckie

Struggling to start your nature-related assessments? Overwhelmed by regulatory requirements and biodiversity data? This session will guide you through practical solutions to simplify the process, helping you navigate challenges with confidence. Join us to gain clarity, streamline your approach, and make informed decisions for effective biodiversity management.

Impact Assessment in the Age of AI

Leckie, Mark

How to Use IBAT for Infrastructure Assets

Simic, Melisa; Jones, Ali

Biodiversity Site Mapping: Risk Screening, Alignment, and Mitigation

Barcenilla Arranz, Elena; Hayes, Sarah

Disasters, Conflict and Impact Assessment: What has been done? What is new? I

Turhese

G7. Disasters and conflict

Section: Disasters and Conflict

Paper session

Chair(s): Charles Kelly

Disasters and conflicts are major disruptors of development and lives. This session provides a venue to present on assessing impacts during conflicts and crises and lessons which have been, or need to be, learned.

Driving Growth and Resilience in Solomon Islands Tourism Sector

Lazarus, Kate; Rossi, Eva; Tamot, Sophia

Environmental Racism and the Social Requirements in Performance Standards

Costa, Marina; Nascimento, Victor

Faster, but Better? Disasters and EIAs in an AI World

Kelly, Charles

AI Climate Change Paradox in an Era of Conflict

Liljedahl, Birgitta; Waleij, Annica

Asian S3EA: Strategic, Spatial and Sustainable EA in AI Era I

Blu

G8. Emerging technologies

Paper session

Chair(s): Kii Hayashi, Myungjin Kim

The advancement of remote sensing technology and information technology, spatial analysis with a variety of environmental, social and economic items has received big attention in the AI era. This session will focus on IA examples which support the strategic decision including SEA and utilize the well-organized spatial scale analysis.

Charlie Wolf and Assessing Korea

Kim, Myungjin; Lee, Jong Ho; Jung, Jong-Gwan

Stewarding Singapore's Natural Capital with Ecological Profiling Exercise

Li, Tianjiao; Lai, Samantha

Nascent SEA in Arabian Peninsula: Challenges and Hopes and AI Potential

Korpijaakko, Carla; Kayem, Cynthia; Dib, Richard; Eid,

Momen

Assessment of the Carbon Sequestration Capacity of Mangrove Forest Sediment

Niyommaneerat, Wilailuk

What is Needed to Achieve Trusted and Efficient IA for “Green” Projects

Celeste

G9. Governance and implementation systems
 Section: Governance and implementation systems
 Panel discussion
 Chair(s): Celesa Horvath

This panel discussion will bring together diverse perspectives to explore how to develop trusted, efficient, and expedited IA processes that tackle global challenges while respecting local needs and interests. Participants from government, IA process administrators, Indigenous groups, industry, consulting practitioners, and NGOs join our panelists in dialogue.

Ventus Development Services Inc.

Horvath, Celesa

Beacon Regulatory Solutions Inc.

Bailey, Scott

IAMC-TMX

Cardinal, Raymond

AI and Sustainability: The New Era of Environmental Assessment II

Ambra

T1. Impact of artificial intelligence on impact assessment
 Paper session
 Chair(s): Cesar Ramos

This session will explore how AI can optimize Environmental Assessment through data analysis, predictive modeling, delineation of areas of influence, and public participation. Examples include version control systems for documents and algorithms that simulate environmental impact scenarios and analyze comments and opinions.

Hybrid AI for Decision Making in Climate Crises

Torregrosa, Sergio; Chinesta, Francisco

Managing AI Risk in Non-Technical Risk Management: Notes from the Field

Wagner, Jay; Dille, Catherine

A Graph-Based RAG Framework for Comparative Analysis of ESIA's

Sardo, Luca; Dragan, Massimo

Emerging AI Applications in IA I

Cobalto

T1. Impact of artificial intelligence on impact assessment
 Section: AI and Emerging Technology
 Paper session
 Chair(s): Alan Bond

The session identifies emerging and innovative uses of AI in Impact Assessment (IA). Case studies and hypothetical applications are detailed along with a consideration of the potential benefits for IA.

AI-Enhanced Data Correction and Long-Term Management in Impact Assessment

Souville, Henri; Ngonu, Romuald; Bodel, Charles

Effect Assessment, Risk Assessment, and Artificial Intelligence

Paredes, Alvaro; Paredes Heidemann, Jerome

Practical Applications of AI to Deliver Impact Assessments Internationally

Breton, Neil; Soubry-Smith, Caroline; Anton, Daniel; Palekhov, Dmitry

AI for Social Risk Management: Insights from International Organizations

Bianca

T2. Data-driven innovation of processes, approaches, methodologies, and tools
 Panel discussion
 Chair(s): Asli Gurkan

Discover how international organizations are increasingly using AI tools to better manage social risks and impacts in their development portfolios. Learn about how the World Bank Group (WBG), Asian Development Bank (ADB), Inter-American Development Bank (IADB) and UN Food and Agriculture Organization (FAO) use AI tools, such as geospatial data management tool for resettlement monitoring, citizen and stakeholder engagement, conflict navigator and other tools to enhance their support to project teams and in-country counterparts in applying Social and Environmental Policies.

AI-Assisted Digital Solution for Resettlement and Social Impact Assessment

Cleto, Maria; Nazrieva, Rangina

AI-Driven Tool for Early Social and Environmental Risk Assessment

Borba, Maria Rita

IDB Inter-American Development Bank

Vanzan, Luciana; Hurwitz, Zachary Daniel

Indigenous Knowledge as a Driver of Innovation in Impact Assessment II

Module A

T2. Data-driven innovation of processes, approaches, methodologies, and tools
 Paper session
 Chair(s): Nina Barton, Hereward Longley

These three sessions present papers from Canada, Central, and South America that discuss how Indigenous Knowledge and voices are changing impact assessment. Meaningful consideration of diverse knowledge systems can provide more accuracy and relevance for Indigenous communities, contribute to informed decision making, and increase regulatory clarity.

W.O.L.F: Space for Indigenous Voices in a Changing World

Wells, Carmen; Oloriz, Carrie; Dertien-Loubert, Kim

Strengthening IA's: Integrating Red River Métis Knowledge

Culver, Leah; Riel, Marci

Indigenous Knowledge and Land Use Mapping Database for Impact Assessment

Goulet, L. Christian; Staubb, Connor

Using Strategic Thinking in Impact Assessment to Enhance Sustainability I

Ciano

T3. Evidence-based policymaking
 Game - Gaming
 Chair(s): Maria Partidario, Margarida Barata Monteiro

Let's experience impact assessment in a strategic and innovative way towards transformative change. Questions such as "what if the current policy does not change?" and "what if the current trend persists?" will help to reflect on the importance of strategic thinking in the practice of IA in development decision making.

FRIDAY, 2 MAY | 16:00-17:30

Help Finalize Best Practice Principles in Participation, AI Assisted!

Indaco

G12. Public participation
 Section: Public Participation
 Solution room
 Chair(s): Tanya Burdett

An interactive "solution room" session to help finalize the refresh of the IAIA Public Participation Best Practice Principles, Fasttips, and Key Citations. No prior experience needed! With the help of some AI, we'll guide you through the process, but do bring your creativity and innovative insights.

Sessions

Meaningful Stakeholder Engagement: For and with Affected Stakeholders III

Avorio

G12. Public participation

Section: Public Participation

Paper session

Chair(s): Karin Buhmann, Alberto Fonseca

This session addresses meaningful stakeholder engagement (MSE) with a focus on barriers, drivers and good practice for achieving meaningful processes and outcomes for affected stakeholders, locally or along value chains. The session explores a relevant IA issue that is growing in significance, related to environmental, social, and governance (ESG).

Inclusive and Equitable Public Participation in Impact Assessments

Cormier, Marylène

Challenges to Meaningful Stakeholder Engagement: A South African Context

Hemming, Matthew

Analysis on Stakeholders' Perspective Toward Social License to Operate

Suwanteep, Kultip

Bridging the Gap Between Stakeholder Engagement Policies and Implementation

Herbst, Lynette; Sekele, Lethabo

Applying Ethics and Core Values in Stakeholder Engagement: RSA

Greyling, Noeleen

Self-Determined and Culturally Relevant Gender-Based Analysis and Intersectional IA: An Invitation for Action

Module 3

G13. Social impact assessment

Workshop

Chair(s): Dawn Hoogeveen, Patricia Fitzpatrick

Self-determined and culturally relevant gender-based analysis is being integrated into IA. Diverse peoples experience projects differently, yet intersectional and culturally relevant gender-based analysis remains underutilized. This workshop invites discussions of how difference, including overlapping identities such as race, sexuality, and disability, can inform assessment practices and push IA forward.

Intersectionality in IA: A Call to Action

Hoogeveen, Dawn

GBA+ and Equity in Impact Assessment

Fitzpatrick, Patricia; Pastora Sala, Joëlle; Williams, Byron

Advancing Biodiversity Assessment, Risk Management, and Conservation Strategies II

Module B

G3. Biodiversity and ecology

Paper session

Chair(s): Mark Leckie

Struggling to start your nature-related assessments? Overwhelmed by regulatory requirements and biodiversity data? This session will guide you through practical solutions to simplify the process, helping you navigate challenges with confidence. Join us to gain clarity, streamline your approach, and make informed decisions for effective biodiversity management.

Urban Ecological Status Map for Conservation of Biodiversity in Urban Areas

Namgung, Hyung; Jung, Jong-Gwan

Emerging Biodiversity Metrics for Natural Capital Assessments

Gallacher, David

Blue Economy, SEA, and Marine Spatial Planning

Amبرا

G3. Biodiversity and ecology

Section: Biodiversity and Ecology

Paper session

Chair(s): Arthur Neher, Alexandre Puisais

Increasingly, countries are adopting Marine Spatial Plans to develop their territorial marine resources in a sustainable manner. The UN Treaty of the High Seas recognizes SEA as an important tool to guide the sustainable use of the marine resources. This session aims to discuss strategic environmental assessment in marine and coastal planning.

Implementing Coastal Nature-Based Solutions for Singapore

Lai, Samantha

Environmental Planning as the Key Challenge for a Sustainable Blue Economy

Barrantos Carrasco, Carlos

Understanding the Convergence of Marine Spatial Planning, Fisherman Extract

Olivares, Samuel; Martinez, Carla

Marine Spatial Planning Zoning Approach in the Red Sea Southern Islands

Thompson, Michael; Mutiso, Alex M.; Ahmed, Syed H.;

Almutairi, Saud

SEA and Conservation: SEA of SW Bangladesh and the Sundarbans: Using Real Intelligence

Dalal-Clayton, Barry

SEA Contributions for Marine Spatial Planning in Brazil

Malvestio, Anne Caroline; Duarte, Carla Grigoletto;

Xavier, Thomaz Willian de Figueiredo; Turra, Alexander;

Sánchez, Luis Enrique

Disasters, Conflict and Impact Assessment: What has been done? What is new? II

Turchese

G7. Disasters and conflict

Section: Disasters and Conflict

Paper session

Chair(s): Charles Kelly

Disasters and conflicts are major disruptors of development and lives. This session provides a venue to present on assessing impacts during conflicts and crises and lessons which have been, or need to be, learned.

Advancing Environmental Assessments in Conflict Zones: The ICRC's Approach

Zahir, Bann

IA in the Midst of Colombian Conflict Territories: Is it for Real?

Ruiz, Yaddy; Amaya, Andres

Applying E&S Standards in Haiti: Challenges, Lessons, and Solutions

Africot, Arnold; Thelusma, Gilbert

Applying E&S standards in a conflict environment: Lessons from Yemen

Fluet, Eloise; Al-Ghorbany, Amer

Asian S3EA: Strategic, Spatial and Sustainable EA in AI Era II

Blu

G8. Emerging technologies

Paper session

Chair(s): Kii Hayashi, Myungjin Kim

The advancement of remote sensing technology and information technology, spatial analysis with a variety of environmental, social and economic items has received big attention in the AI era. This session will focus on IA examples which support the strategic decision including SEA and utilize the well-organized spatial scale analysis.

Trends in Korea's Climate Change Impact Assessment System

Jung, Sungwoon; Kim, Geunbae; Shin, Youngkyu

Integrating Acceptance into MCDM for Onshore Wind Farm Suitability Analysis

Liu, Kaiqi; Nishikizawa, Shigeo; Murayama, Takehiko;

Suwanteep, Kultip

Site Suitability Assessment of Solar PV Location

Hayashi, Kiichiro; Villa, Ferdinando; Balbi, Stefano

IAIA and Cumulative Effects: A New Section and a Busy Future

Bianca

T1. Special to IAIA
 Section: Cumulative Effects
 Workshop
 Chair(s): Martin Haefele, Johanna Gordon

Anyone interested in cumulative effects assessment is invited to share, contemplate, poke holes, and reformulate ideas to shape IAIA's new Cumulative Effects Section. The session will use an interactive workshop format to brainstorm ideas in groups, evaluate the ideas of other groups and map out an action plan.

Cumulative Impact Assessment: Local Action, Emerging Implications

Conkin, Carla

Let's Be Clear on the Governance Issues in a CEA

Hammond, Matt

Emerging AI applications in IA II

Cobalto

T1. Impact of artificial intelligence on impact assessment
 Section: AI and Emerging Technology
 Paper session
 Chair(s): Alan Bond

The session identifies emerging and innovative uses of AI in Impact Assessment (IA). Case studies and hypothetical applications are detailed along with a consideration of the potential benefits for IA.

AI Tool for Enhancing the Process of Gap Analysis in ESIA and ESDD Studies

Gurrieri, Simone; Vaccari, Ivan; Schirinzi, Elena; Desogus, Eleonora

AI-Enabled Methods to Enhance Efficiency and Effectiveness of HIA

Valpaços, Emanuel; Semedo, Guilherme

Can AI do a Better Job at Producing E&S Management Plans?

McIlwaine, Steve; Odell, Susana; Murfitt, Sarah

Indigenous Knowledge as a Driver of Innovation in Impact Assessment III

Module A

T2. Data-driven innovation of processes, approaches, methodologies, and tools
 Paper session
 Chair(s): Nina Barton, Hereward Longley

These three sessions present papers from Canada, Central, and South America that discuss how Indigenous Knowledge and voices are changing impact assessment. Meaningful consideration of diverse knowledge systems can provide more accuracy and relevance for Indigenous communities, contribute to informed decision making, and increase regulatory clarity.

Indigenous-Led IAs: New Approaches, Considerations, and Better Outcomes

Fox, Michael

Enhancing Impact Assessments: Indigenous Inclusion in Palm Oil Expansion

Burnet, Fiona

Peru-Lessons Learned for Adequate Indigenous Peoples' Participation in IA

Huertas, Acevedo

Beyond Full and Fair Consideration: Indigenous Roles in Impact Assessment

Barton, Nina; Longley, Hereward

Evolving the State of the Art in Psycho-Social Impact Assessment

Celeste

T3. Evidence-based policymaking
 Paper session
 Chair(s): Helen Ross

Psycho-social impact assessment (PSIA) is an evolving field, ripe for further conceptual and practical development. How do PSIs occur, in different contexts? What environmental, cultural, and social inequalities are involved? What methodologies help us understand them? Is there a role for artificial intelligence? How can PSIs be reduced?

Translating the Unknown into the Known: Is There an AI in PSIA?

Cisneros Menchaca, Alex

Almnesia: Ignoring the Psycho-Social Impacts of Atomic Energy

Edelstein, Michael R.

Psychosocial Comparative Analysis Using AI: 735-120 kV Substation Project

Carvalho, Rafael

Measuring Cultural Ecosystem Services Linked to the Spruce Budworm (SBW)

Cominelli, Simone; Samms, Megan; Ouellet-Dallaire, Camille

IA Streamlining: An Investor, Practitioner, and Psychologist Walk into a Bar

Moreira, Sérgio

Using Strategic Thinking in Impact Assessment to Enhance Sustainability II

Ciano

T3. Evidence-based policymaking
 Game - Gaming
 Chair(s): Maria Partidario, Margarida Barata Monteiro

Let's experience impact assessment in a strategic and innovative way toward transformative change. Questions such as "what if the current policy does not change?" and "what if the current trend persists?" will help to reflect on the importance of strategic thinking in the practice of IA in development decision making.

SATURDAY, 3 MAY | 09:00-10:30

Environmental Impact Assessment in the AI Era: The Case for AI in Baseline Biodiversity

Bianca

G3. Biodiversity and ecology
 Theme forum - Workshop
 Chair(s): Julia Tims, Laura Plant

This theme forum will bring together some of the world's leading technology experts to discuss the future of AI-enhanced biodiversity data collection and its value for impact assessment, monitoring, and conservation. We discuss real world examples from practitioners and insights from futurists on what lies ahead.

The EcoUplift Approach: Baseline Case Studies from the UK

Stewart, Ross; Hurley, Peter

Essential AI Learnings: ESIA Tools from Multilateral Financial Institutions

Italia

T1. Impact of artificial intelligence on impact assessment
 Theme forum - Workshop
 Chair(s): Hak Joo Song, Brian Rafor

Explore AI-powered ESIA tools currently in use by leaders from WB, ADB, FAO, IDB, and more. Gain insights into the cutting edge with the help of LLMs and geospatial scoping tools enabled by AI and hundreds of data layers. Join Q&A and discover how AI is revolutionizing ESIA with MFIs.

ESG: The Eye in the Sky. Drones for Environmental and Social Assessments

Leal Rosillo, Roberto; Gomez, Isabel

Integrating Generative AI and Google Earth Engine for Risk Identification

Soldan, Riccardo; Neretin, Lev; Lokshyn, Oleh; Kaechele, Karin; Borba, Maria Rita; Coccatto, Gianmarco

MATALAS, an AI-Augmented Geospatial Tool for E&S Screening and Scoping Tool

Rafor, Brian; Oku, Felix

AI-Powered Environmental and Social Impact Assessment Platforms of World Bank

Song, Hak Joo

Sessions

Human Rights Impact Assessment of Digital Technology

Avorio

T1. Impact of artificial intelligence on impact assessment
Theme forum - Caravan
Chair(s): Andy Symington, Gabriela Factor

As the rollout of digital technologies continues at pace, it is critical that human rights risks and impacts of AI systems are assessed and addressed. This session will share examples of human rights impact assessment of digital technology systems and their application.

Critical Human Rights Issues Associated with the ICT Industry

Sacco, Maria Pia

HRIA of Public Sector Digitalization: Case of the Zambian Digital ID

Tuta, Ioana

EIA & HRIA: Potential Synergies and Use of IT Solutions

Villela Capanema Garcia, Pedro

Can AI Support Long-Term Monitoring and Adaptive Management?

Europa

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Theme forum - Paper session
Chair(s): Janet Blackadar

With the marked increase in the number of large projects proposed for offshore and other more remote areas, does AI give us the opportunity to more effectively and efficiently manage large data sets generated to better inform mitigation monitoring and adaptive management approaches?

Ecological Niche Habitat Suitability Modeling of Sooty Falcon in KSA

Almutairi, Saud; Ahmed, Syed Hassan; Alshaikh, Mousa; Khan, Abdurrahim Basit; Raja, Yusuf

SPACEWHALE: Using AI to Detect Whales from Space

Williamson, Laura; Macleod, Kelly; Voss, Julika; Höschle, Caroline; Ben Mahjoub, Amel; Nehls, Georg

LLMs to Enhance Environmental Governance of the Mining Sector

Kunz, Nadja; Ng, Raymond; Lakshmanan, Laks; Batdorj, Bulgan; Carlin, Isabel; Saha, Rudra

Camera Trap Monitoring and AI for Adaptive Management of At-Risk Species

Williams, Leoma

SATURDAY, 3 MAY | 11:00-12:30

Identifying Potential Health Impacts of the Use of Artificial Intelligence

Module 3

G10. Health
Section: Health
Workshop
Chair(s): Margaret Douglas, Liz Green

Artificial intelligence could have transformative effects on many areas of life-affecting multiple health determinants. This participatory workshop will involve a health impact screening exercise to identify and prioritise some potential areas of health impact and affected populations to be further explored.

Indigenous Holistic Cumulative Effects Programs: Enhance Your Assessments

Bianca

G11. Indigenous Peoples
Section: Cumulative Effects
Panel discussion
Chair(s): Barry Wilson

Cumulative Effects: an assessment challenge that isn't going away. We need to consider projects in the context of all human land uses, natural disturbance, and climate change. But how? Explore Indigenous-led holistic cumulative effects programs integrating Indigenous knowledge, science, and AI. UNDRIP-aligned ideas to enhance your CE assessments.

CE Analytic Ltd.

Wilson, Barry

Mackenzie Valley Environmental

Impact Review Board

Cliffe-Phillips, Mark

Blackfoot Confederacy Tribal Council

Houle, Kimmy (Akai'kamotaaki - Survives Many Perils)

Adams Lake Indian Band

Nordquist, Dave

Impact Assessment of Mine Closure for Post-Mining Transitions

Cobalto

G13. Social impact assessment
Paper session
Chair(s): Sara Bjørn Aaen, Izhar Mithal Jiskani

This session focuses on the crucial role of impact assessment (IA) in navigating the complexities of mine closure and facilitating successful post-mining transitions. It explores how IAs can be applied to identify and mitigate the environmental, social, and economic challenges associated with mine closure, while fostering community resilience in the post-mining era.

Understanding IA and Mine Closure Contributions to Nature Positive

Morrison-Saunders, Angus; Sánchez, Luis

Leveraging IA for Sustainable Post-Mining Transition: A Case Study of KDRP

Sata-Haruperi, Mwelwa; Munodawafa, Munyaradzi; Ziduche, Phillip

Groundwater Impact Predictions for Hardrock Mines in Canada

Collison, Ben; Miglani, Sugeet

Guiding Post-Mining Transitions Through Impact Assessment

Jiskani, Izhar Mithal; Hansen, Anne Merrill

Assessing the Impact of Emergent Technologies in Monitoring and Measuring Biodiversity at Mine Sites

Celeste

G3. Biodiversity and ecology
Panel discussion
Chair(s): Robert Montgomery, Andy Coates

The pursuit of natural resources, rare earth metals, and critical minerals has expanded the mining footprint globally. Coupled with that growth has been the development of techniques to quantify and restore biodiversity. This session highlights those advancements and details the ways in which the mining sector can drive biodiversity conservation.

Towards a Consensus on Corporate Biodiversity Data and How Mining Can Help

Stimpson, Benjamin

New Technologies for Biodiversity in Environmental Permitting for Mining

Kakinami, Sueli H.; Favretto, Sandra E; Nascimento, Beatriz C.

Implications to Area of Habitat from Global Mining Land Use Change

Dawson, Chloe

Assessments of Mining Impacts on Biodiversity So Far: What's Missing?

Raymond, Sarah; Montgomery, Robert

Exploring Opportunities and Challenges in AI-Driven Land Value Assessments

De-Quincey, Heather

Critical Habitat Assessment for No Net Loss in Linear Infrastructure Projects

Blu

G3. Biodiversity and ecology
Paper session
Chair(s): Aaron Goldschmidt

Developing countries are seeing infrastructure development but have limited technical capacity for critical habitat and cumulative impact assessment for devising no net loss or net gain approaches and strategies. This session will analyze the steps applied towards CHA and review approaches for achieving NNL and NG.

Critical Habitat Assessment for a Transboundary Powerline in West Africa

Brennan Jacot, Maya

Landscape Connectivity into EIAs for Linear Infrastructure Projects

Fonda, Federica; Bullegas, Fabrizio; Chiodi, Paola; Longarini, Arianna; Petruzzellis, Francesco; Bacaro, Giovanni

Habitat Critical? Multiple Benefits of Wildlife Designs in Rural Areas

Eccleston, Duncan; Harness, Richard

Mainstreaming AI in Environmental Baseline and Monitoring

Module B

G3. Biodiversity and ecology
Section: Biodiversity and Ecology
Panel discussion
Chair(s): Pippa Howard, Noelia Jimenez Martinez

Nature technologies underpinned by machine learning and AI can reinforce both the resolution and robustness of critical data needs for baselining, monitoring and decision-making by project proponents, regulators and project financiers.

Drones and AI Enhance Marine Megafauna Surveys in the Saudi Arabian Red Sea

Paterson, William; Alghrair, Mishari; Hodgson, Amanda; Porej, Deni; Cowie, Winston; Clark, Harry

Can AI Update Baseline Data for Improved IA in Long-Term Planning Projects?

Murphy, Marissa

Integrated Data Analytics in Identifying Preferred Habitats for Hawksbill

Albawardi, Amani; Sheikh, Kashif; Khan, Shah; Elshaffai, Amgad

Visual Underwater Drones for EIA: Current Status and Future Prospects

Man, Cathy Yi Hang; Kwok, Grace May Han; Luk, Wing San; Ngan, Chun Sang

Exploring the Use of AI to Tackle the Social Implications of Climate Change

Ambra

G4. Climate change
Paper session
Chair(s): Alessandro Casartelli, Alice Schoonejans

This session will delve into the intersection of AI and climate change, focusing on its social implications. It will discuss the specific social risks and impacts of climate change, as well as how AI can assess and mitigate/adapt to such risks and impacts, while recognizing AI limitations and paradoxes.

Social Dimensions of Climate Change

Tenzing, Janna

Harnessing Machine Learning to Evaluate Climate Change Impacts

Obringer, Renee

AI Role in Improving Climate Change Risk Reductions and Social Impacts

Daou, David

AI Tools Improving Project Outcomes on Climate Mitigation and Adaptation

Almasi Simsic, Ildiko

Leveraging AI Tools to Address Climate Change's Social Implications

Raffel, Noam; Gagliardo, Alessia

IAIA Climate Change Action Plan: What's New? What's Next?

Indaco

G4. Climate change
Section: Climate Change
World Café
Chair(s): Pantea Niksirat

We will review the status of IAIA's Climate Change Action Plan and identify next steps by seeking member input for the prioritisation and implementation of actions. Our goal is to generate new action items to achieve climate change mitigation and adaptation targets in the Age of Artificial Intelligence.

Connecting IAs Through Network Analysis to Tackle Climate Change Challenges

Nita, Andreea; Zamorano, Montserrat; Bonoli, Alessandra

Challenges Facing the IA Process in Developmental Projects: An African Perspective

Module A

G9. Governance and implementation systems
Section: Governance and Implementation Systems
Panel discussion
Chair(s): Kojo Amoyaw-Osei, Nana Akesseh

Explore the challenges of IA in Africa's developmental projects, focusing on regulatory deficiencies, corruption, political interference, conflicting interests, and stakeholder engagement hurdles. We feature expert insights, case studies, and interactive discussions to identify solutions and best practices for improving IA effectiveness.

Redundant Reporting in Ghana: Examining Separate ESIA and ESMP Requirements

Wemegah, Joshua

Resettlement Issues in Africa from Project Preparation to Implementation

Tchoffo, Florentine Atchombom

Waste-to-Energy: A Sustainable Solution to South Africa's Waste and Energy

Hale, Tamaryn

The Impact of Impact Assessments: A Kenyan Case Study

Kamau, Teddy

Beyond the Buzz: Real-World AI Applications in IA

Turchese

T1. Impact of artificial intelligence on impact assessment
Paper session
Chair(s): Andy Chung, Ana Maria Quintero

AI is transforming impact assessment, but how is it being applied in practice? This session moves beyond the buzz to examine real-world AI-driven tools in decision-making. Experts will share insights on pipeline monitoring, remote sensing, and flood risk mitigation, exploring emerging technologies, trends, and challenges in environmental and social governance.

Data-Driven Decisions: AI-Powered Pipeline Management in TANAP

Arik, Tugba; Ipek, Ali

Drones, Satellites, and Field Data Housekeeping to Unlock AI Potential

Stefansson, Tryggvi

Harnessing Artificial Intelligence in Dam-Induced Flooding Mitigation

Ziduche, Phillip; Mhlanga, Sithembinkosi; Munodawafa, Munyaradzi; Kabwe, Edward

Leveraging GeoAI Tools to Enhance Identification of Impacts in EIA

Carter, Bethan

AI Meets IA: The Sequel

Scott-Brown, Miles; Quintero, Ana Maria

Sessions

Climate and Gender Investment Matters

Italia

T4. Environmental, social, and governance reporting and disclosure
Panel discussion
Chair(s): Ana Maria Esteves, Tatjana Gerling

Panelists from development finance institutions, the UN, an AI-powered platform and an energy infrastructure developer will look at investments that meet climate AND gender objectives: Can these sustain opposing forces? Why do they matter? What is the role of IA? Can AI contribute?

Equilo

Menon, Jessica

UNEP FI

Pedro, Joana

FinDev Canada

Lévesque, Anne-Marie

EDP sa

Correia, Margarida

Linkages Between Sustainable Finance Frameworks and Impact Assessments Systems

Ciano

T4. Environmental, social, and governance reporting and disclosure
Paper session
Chair(s): Jiri Dusik

We will compare IA tools that assess the sustainability of proposed investments with emerging green taxonomies that advise the financial markets on similar matters and explore options for coordinating these systems.

Double Materiality and Impact Assessment

Relicovschi, Adina Manuela

Effective Management of E&S Risks in Complex Multi-Stakeholder Environments

Lissandrello, Chiara; Ruzicka, Stepan; Zerva, Semina

The WBG EHS Guidelines Update: A Tool for Achieving Sustainable Investments

Zanewich, Debra; Askin, Taylan; Aramburu, Romina

Sustainable Taxonomies in Latin America: The Social Dimension

Coutinho, Miguel

Transparency and Data Sharing in Impact Assessment for the Energy Transition I

Avorio

T4. Environmental, social, and governance reporting and disclosure
Paper session
Chair(s): Diana Carolina Arbelaez Ruiz, Rauno Sairinen

The session explores transparency, participation, and data sharing in impact assessment for energy transition technologies and projects such as renewable energy and critical minerals. Examples include participatory fact-finding, digital technologies, and novel methods for data and results sharing.

Information Needs in Strategic Environmental Assessment of Renewable Energy

Puustinen, Tuulia; Sairinen, Rauno

Mines Assessed for Impacts in Canada: A 30-Year Spatiotemporal Analysis

Westwood, Alana; Collison, Ben

The Development of EIA in China's Renewable Energy Industry

Dong, Wenwan; Gao, Qichen; Wu, Shuncheng

Zoning Renewable Energy in Low Impact Areas in Peru

Contreras, Christian

SATURDAY, 3 MAY | 14:00-15:30

Updating Best Practice Principles on Engaging with Indigenous Communities I

Bianca

G11. Indigenous peoples
Section: Indigenous Peoples
Workshop
Chair(s): Diana Lewis, Dyanna Jolly

The Indigenous Peoples Section is updating the IAIA Best Practice Principles on Indigenous Peoples and Traditional Knowledge (SP9, 2012). We will review the principles and reflect on what meaningful and transformative engagement looks like. Come along to this workshop and contribute to the update. Everyone welcome.

Social Acceptance in the "Backyard": Approaches and Empirical Evidence I

Blu

G12. Public participation
Paper session
Chair(s): Orlando San Martin

In this session we aim to share evidence-based lessons from different approaches, mechanisms, and case studies (including benefit sharing and meaningful community participation approaches) to promote the co-existence between competing land (or sea) users and attain a social license to operate renewable energy projects.

Attaining a Social Licence to Operate in Europe's Offshore Wind Sector

Rigby, Grace; Draper, Tracey

Benefit Sharing Strategy for Local Communities, Offshore Wind, Poland

Lange, Kjerstin Skeidsvoll; Nyhan Jones, Veronica

From Social Licence to Social Performance in the Energy Sector

Martinez Pavez, Carla; Pontre, Michelle

SIA and Public Consultation for Geothermal Development in Japan

Shibata, Yuki; Yanai, Aiko; Suwa, Aki

The Biodiversity Significance of Some Modified Habitats: Implications for Impact Assessment I

Celeste

G3. Biodiversity and ecology
Paper session
Chair(s): George Ledec

Some modified habitats have remarkably high biodiversity value, even serving as critical habitats. This session will examine modified habitats that are important for conserving biodiversity, along with how to prepare environmental assessment reports in ways that recognize the biodiversity significance of these areas.

Modified Thinking: Changing the Way We Value Disturbed Habitats

Crnk, Nadine; Brookes, Freddy; Dingley, Karen

Impact Assessment in Modified Agricultural Landscapes of Biodiversity Value

Fernandez Bilbao, Amalia

Nature's Reaction to Human Footprint: Two Case Studies Around the World

La Gala, Silvia; Demeglio, Beatrice

Key Development Bank Standard Unlikely to Provide Nature Positive Outcomes

Meijaard, Erik; Dennis, Rona; Wich, Serge; Ancrenaz, Marc; Ni'mattullah, Safwanah; Sherman, Julie

The Vital Role of Modified Habitats in Conserving Singapore's Biodiversity

Thao, Le Thi Phuong; Aaron, Teo; Siow, Holly

Using Biodiversity Credits to Finance Habitat Restoration on Modified Lands

Edwards, Steve

Notes

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Effective Integration of Climate Change Risks in Impact Assessment I

Ambra

*G4. Climate change
Paper session
Chair(s): Roberto Mezzalama*

Integrating climate change risk assessment in the environmental and social assessment process is complex and requires re-imagining the whole process. This session will present perspectives from Europe, Australia, and the Americas, addressing scientific, legal, methodological, and practical aspects of this integration both at the planning and project levels.

Take into Account Vulnerability to Climate Change in EIA

Defromont, Virginie

Beyond Regulation: The EIA Practitioner's Role to Advise on Climate Risk

McGrath, Warren

Integrating Climate Risks into Spatial Planning and Environmental Assessment

Hidalgo Pérez, Ana Isabel; Hidalgo Pérez, Ana Isabel

Environmental and Social Management Systems: Transforming EIAs into Actions I

Turchese

*G9. Governance and implementation systems
Panel discussion
Chair(s): Juan Carlos Paez Zamora, Alejandra Catacoli*

Effective Environmental and Social Management Systems (ESMS) are key to translating EIAs into action. This panel discussion brings together experts to explore lessons learned, best practices, and innovations in ESMS implementation. Case studies and strategies will highlight how robust management systems drive compliance, enhance sustainability, and improve project outcomes.

The WBG EHS Guidelines: An Update on Good International Industry Practice

Aramburu, Romina; Askin, Taylan; Zanevich, Debra; O'Connor, Ryan

The Case for Adopting Robust Social Management Systems

Villegas Valenzuela, Jorge

Managing Social Risks and Impacts: From Theory to Practice

Michaelsen, Sofie

Environmental Management Systems: Translating Theory into Practice

Paez Zamora, Juan Carlos

Human-Centric AI Implementation into ESIA and CSR I

Module A

*G9. Governance and implementation systems
Section: AI and Emerging Technology
Paper session
Chair(s): Giuseppe Magro*

The purpose of the session is to explore, share, and disseminate basic principles, practical methodologies, and innovative technologies for a new human-centric AI implementation into governance and permitting system (ESIA, CSR). Participants will have the opportunity to share and improve their IA background skills required in the age of AI.

Exploring the Role of Generative AI tools in ESDD

Le Gouais, Phil; Nardinocchi, Laura

Human-Centric 5.0 platform for participation into ESIA and SEA Processes

Vicentini, Roberta; Magro, Giuseppe; Pellegrini, Stefania; Vischioni, Cinzia; Maffezzoni, Luca; Fiini, Giuliana; Turini, Giampaolo; Carbone, Annamaria; Veraldi, Laura

AI 5.0 Platform for circular economy optimization in the ESIA process

Gamberini, Katia; Veratelli, Arianna; Parente, Ilaria; Magro, Giuseppe; Cusinato, Alice; Vischioni, Cinzia; Cordioli, Davide; Rossi, Franco

Steps and Tools to Improve Documents and Procedures to Streamline IA I

Ciano

*G9. Governance and implementation systems
Paper session
Chair(s): Glenn Brown*

This session addresses mechanisms to streamline IAs that range from changes that generate greater efficiency and effectiveness from existing processes to suggestions for new methods within the IA process.

How to Keep the EIA Practice Manageable and Meet Society's Needs

Woesthuis, Hugo; Eijssen, Paul

Delivering Impact Assessment Commitments: A Digital Approach

Davies, Claire; Freeman, Sam

Using Tools of Argument to Improve IA Documents: Steps and Progress

Brown, Glenn

Streamlining IA Writing: A Consultant's Perspective

Chalikonda, Tejasvini

How Can Chatbots Help to Improve Government Information Provision on IA?

van Ravesteijn, Maartje; van Eck, Gosewien

Exploring AI for Effective Stakeholder Engagement in Impact Assessments

Indaco

*T1. Impact of artificial intelligence on impact assessment
Panel discussion
Chair(s): Bernhard Metz*

Promote reflective discussion on use of AI for more agile mapping of stakeholders, predicting stakeholders' concerns and analyzing their feedback using AI-generated analytics, communication strategies based on AI-supported insights for more inclusive, and impactful stakeholder engagement as part of social impact assessments in high risks projects.

Using Technology to Enhance Stakeholder Engagement: The case of GEMS

Metz, Bernhard; Gurkan, Asli

Empowering the Transition: Community Voices Driving a Just Renewable Future

Moffat, Kieren

Breaking Barriers: AI-Generative Tools for Inclusive Stakeholder Engagement

Fagan, Beatrice; Ozel, Ozlem; Ayanoglu, Cem

Exploring the Use of AI for SE in Biodiversity Conservation

Abebe, Asferachew

How Can AI Improve IA Follow-up Practice?

Module B

*T1. Impact of artificial intelligence on impact assessment
Paper session
Chair(s): Jos Arts*

The aim of this session is to explore and discuss the potential of AI for improving IA follow-up. Participants are invited to discuss promising application or approaches, and to critically reflect on using AI in IA follow-up.

Mapping the Role of AI in IA Follow-Up Practice

Arts, Jos; Morrison-Saunders, Angus

Use of AI in Biodiversity Data from Follow-Up in Chile

Pérez, Cristian

Decision-Making in Projects Based on Environmental Monitoring and AI

Araya, Gino

Sessions

Improving Strategic Environmental Assessment Practice in the EU and the Wider World: Can AI Help? I

Cobalto

T1. Impact of artificial intelligence on impact assessment
Paper session
Chair(s): Thomas Fischer, Ric Eales

SEA has been a legal requirement in the EU for over two decades and is also increasingly applied globally. We highlight papers from the EU and elsewhere on SEA's successes and failures. We encourage presenters to reflect on the role AI based tools can or already play supporting good practice.

Making SEA Stronger with Artificial Intelligence

Nooteboom, Sibout

Migrating from a Traditional Writing SEA to an Adaptive Software

Tejeda-González, Juan Carlos

SEA practice in Ireland: SEA Effectiveness, SEA Action Planning, and AI

O'Mahony, Tadhg; O'Mahony, Cian; French, Deirdre; Lehane, Micheal

Cumulative Effects Assessment, Monitoring, and Management: State-of-the-Art I

Italia

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Jill Blakley, Bram Noble

This session showcases cutting-edge concepts and practice featured in the recent special issue of *Environmental Management* focused on global innovations in cumulative effects assessment, monitoring, and management, as well as other relevant peer-reviewed journals.

Assessing the Cumulative Effects of Marine

Shipping: A Canadian Case Study

Burton, Sara; Eldridge, Rebecca

Developing CIA Guidance in Western Australia: Challenges and Questions

Pope, Jenny

Opportunities for Open Science and Data to Support CEAs

Abad, Raine; Joseph, Chris; Yarmey, Nick; Hanna, Kevin; Buse, Chris

Data-Driven Social Risk Management Methods and Tools for Central and Local Use I

Module 3

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Anna Nordenmark Severinsson, Nneka Okereke

Social and environmental risk management is necessary to comply with standards for environmental and social sustainability. The session will explore new innovative data-driven processes, methodologies, and tools for managing social risks, either as nationally uniform tasks or as tasks delegated to local governments.

World Bank Multidimensional AI Conflict Risk Model in DRC

Owen, Daniel; Mahony, Christopher

DIGICHILD: GIS-Based Child Labor Risk Mapping in Agrifood Systems

Genthon, Ariane; Bolchini, Adriano

Challenges of Social Data and Database Management

Nathan, Fabien

Transparency and Data Sharing in Impact Assessment for the Energy Transition II

Avorio

T4. Environmental, social, and governance reporting and disclosure
Paper session
Chair(s): Diana Carolina Arbelaez Ruiz, Rauno Sairinen

The session explores transparency, participation, and data sharing in impact assessment for energy transition technologies and projects such as renewable energy and critical minerals. Examples include participatory fact-finding, digital technologies, and novel methods for data and results sharing, etc.

Digital EA Supporting the Expansion of Renewable Energy in Denmark

Holme, Dorthe; Sveding, Karl Rasmus

Demand-Driven Transparency: Using NLP to Enhance Data Accessibility

Batdorj, Bulgan; Kunz, Nadja; Le Billon, Philippe; Ng, Raymond

The Open Science and Data Platform with Generative AI for Impact Assessment

Habbane, Mohamed

SATURDAY, 3 MAY | 16:00-17:30

Updating Best Practice Principles on Engaging with Indigenous Communities II

Bianca

G11. Indigenous peoples
Section: Indigenous Peoples
Workshop
Chair(s): Diana Lewis, Dyanna Jolly

The Indigenous Peoples Section is updating the IAIA Best Practice Principles on Indigenous Peoples and Traditional Knowledge (SP9, 2012). We will review the principles and reflect on what meaningful and transformative engagement looks like. Come along to this workshop and contribute to the update. Everyone welcome.

Social Acceptance in the "Backyard": Approaches and Empirical Evidence II

Blu

G12. Public participation
Paper session
Chair(s): Orlando San Martin

In this session we aim to share evidence-based lessons from different approaches, mechanisms, and case studies (including benefit sharing and meaningful community participation approaches) to promote the co-existence between competing land (or sea) users and attain a social license to operate renewable energy projects.

Key Factors to Achieve Social License with Indigenous Approach

Oyanader, Karol; Arellano, Javiera

Local Energy: An Opportunity for Indigenous and Rural Communities

Merino, Francisco

Ecosystem-Sensitive Under-Panel Grazing: Karapınar SPP Case Study

Arisoy, Defne; Yagci, Murat

Notes

The Biodiversity Significance of Some Modified Habitats: Implications for Impact Assessment II

Celeste

G3. Biodiversity and ecology
Paper session
Chair(s): George Ledec

Some modified habitats have remarkably high biodiversity value, even serving as critical habitats. This session will examine modified habitats that are important for conserving biodiversity, along with how to prepare environmental assessment reports in ways that recognize the biodiversity significance of these areas.

Integrating Privately Protected Areas within Hospitality Assets of RSG

Al Sultan, Rand; Khan, Abdurrahim Basit; Al Mutairi, Saud

Critical Modified Habitat: A Case Study of Giant Otters in a Reservoir

Wilkinson, Fraser

Are Hydroelectric Reservoirs Interesting for Waterfowl: A Case Study

Lapointe, Stéphane; Sénéchal, Hélène

Biodiversity IA in Modified Habitats: Lesson Learned from Artificial Wetlands

Oggioni, Arianna; Cassi, Marta; Sanetti, Sara; Florio, Maurizio; Compagnino, Marco

Ensuring that Climate-Smart Rice Cultivation is Also Biodiversity-Smart

Ledec, George

Effective Integration of Climate Change Risks in Impact Assessment II

Ambra

G4. Climate change
Paper session
Chair(s): Roberto Mezzalama

Integrating climate change risk assessment in the environmental and social assessment process is complex and requires re-imagining the whole process. This session will present perspectives from Europe, Australia, and the Americas, addressing scientific, legal, methodological, and practical aspects of this integration both at the planning and project levels.

Impact Mitigation for Infrastructure Projects in Light of Climate Change

Darbi, Marianne; Schmidt, Nora

A Framework for Wildfire Risk Analysis and Infrastructure Protection

Hanna, Kevin

Reducing Climate-Carbon Cycle Positive Feedback by Adaptive Management

Moretto, Evandro Mateus; Gallardo, Amarilis Lucia Casteli Figueiredo; Bellintani, Lygia Fraga

Lessons from Social Impacts of CH on Indigenous People from a Dam in Africa

Valery, Michele; Grosso, Barbara; Meozzi, Luca; Napoli, Eugenio

Environmental and Social Management Systems: Transforming EIAs into Actions II

Turchese

G9. Governance and implementation systems
Panel discussion
Chair(s): Juan Carlos Paez Zamora, Alejandra Catacoli

Effective Environmental and Social Management Systems (ESMS) are key to translating EIAs into action. This panel discussion brings together experts to explore lessons learned, best practices, and innovations in ESMS implementation. Case studies and strategies will highlight how robust management systems drive compliance, enhance sustainability, and improve project outcomes.

Overcoming Challenges in Implementing EIAs: A Case Study from Bolivia

Pino Luna, Fiorella

Minimizing Environmental and Social Impacts by Learning and Improving

Machado Zampollo, Daniela; Cardenas Jansen, Ricardo

Today's Preparedness is Tomorrow's Success: Actioning Assessments

Skotareva, Olga

Antamina: Transforming 25 Years of Environmental Data into a Systematic EMS

Bulnes Herrera, Lizbeth; Calmell, Erika; Tang, Carla; Saico, Lilian

Human-Centric AI Implementation into ESIA and CSR II

Module A

G9. Governance and implementation systems
Section: AI and Emerging Technology
Paper session
Chair(s): Giuseppe Magro

The purpose of the session is to explore, share, and disseminate basic principles, practical methodologies, and innovative technologies for a new human-centric AI implementation into governance and permitting system (ESIA, CSR). Participants will have the opportunity to share and improve their IA background skills required in the age of AI.

Artificial Intelligence Implementation Process into ESIA Permitting System

Adegboyega, Lawal; Magro, Giuseppe; Cameron, Jack; Huang, Billy; Ingegnoli, Vittorio; Patassini, Domenico; Cordioli, Davide; Bertuol, Luca

ESG 5.0 Human-Centric Permitting Platform

Magro, Giuseppe; Cenci, Michele; Roccatelli, Giovanni; Mastroforti, Eleonora; Esposito, Roberto; Maggiore, Annamaria; Vischioni, Cinzia; Cameron, Jack; Huang, Billy; Patassini, Domenico; Ingegnoli, Vittorio; Sumini, Marco; Greco, Michele; de Simone, Andrea; Rozera, Paolo

ESG 5.0 A.I. Risk Assessment & Governance into AgriFood Sector

Alborali, Giovanni Loris; Magro, Giuseppe; Bertocchi, Luigi; Gelmini, Massimo; Bontempi, Giorgio; Visentin, Giulio; Vecchio, Yari; Adinolfi, Felice; Sumini, Marco; Mazzoleni, Anna; Bella, Marco Francesco Della

Steps and Tools to Improve Documents and Procedures to Streamline IA II

Ciano

G9. Governance and implementation systems
Paper session
Chair(s): Glenn Brown

This session addresses mechanisms to streamline IAs that range from changes that generate greater efficiency and effectiveness from existing processes to suggestions for new methods within the IA process.

Fit for Purpose IAs with AI

Mathur, Aradhna; Khvostova, Svetlana

Exploring Options for the Assessment of Social Impacts in Canada

Egunyu, Felicitas

Linking Bio-Physical and Human Environments in "Pathways of Effects"

Thevenot, Aurelia; de Montigny, Joanne

Systems-Thinking Mapping in IA: Technical Scope vs. Holistic Wellbeing

Froese, Ken

Meet the Editor

Avorio

S1. Special to IAIA
Workshop
Chair(s): Urmila Jha Thakur, Matthew Warke

Are you considering writing an article or professional practice paper on impact assessment but aren't sure where to start? The editor and managers of IAIA's journal, *Impact Assessment and Project Appraisal*, will present ways to write a good article and get it published. Bring your questions and ideas for articles or issues.

Artificial Intelligence in Capacity Building for Impact Assessment

Module B

T1. Impact of artificial intelligence on impact assessment
Panel discussion
Chair(s): Bryan Alamani

Artificial Intelligence (AI) in building capacity for Impact Assessment (IA) practitioners. What are the pros and cons? Who or what ensures quality and accountability?

Advancing ESIA in the Philippines: Addressing AI Training Needs for Sustainable Impact Assessments

Pimentel, Mayumi Corazon Castillo; Sy, Helen F.

The Integration of AI in ESIA Training: Insights from PHILCESS Experience

Fabrero-Sy, Helen

Development of a Web Portal with AI Tools: A Potential Game Changer for IA

Dahal, Milan

Sessions

Improving Strategic Environmental Assessment Practice in the EU and the Wider World: Can AI Help? II

Cobalto

T1. Impact of artificial intelligence on impact assessment
Paper session
Chair(s): Thomas Fischer, Ric Eales

SEA has been a legal requirement in the EU for over two decades and is also increasingly applied globally. We highlight papers from the EU and elsewhere on SEA's successes and failures. We encourage presenters to reflect on the role AI based tools can or already play supporting good practice.

Golden Braid Initiative: Global Application of SEAs for 2050

Nelson, Peter; Simsic, Ildiko

Guidance to Prepare SEA Processes in Low and Middle Income Countries

Kolhoff, Arend; Nooteboom, Sibout

Cumulative Effects Assessment, Monitoring, and Management: State-of-the-Art II

Italia

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Jill Blakley, Bram Noble

This session showcases cutting-edge concepts and practice featured in the recent special issue of Environmental Management focused on global innovations in cumulative effects assessment, monitoring, and management, as well as other relevant peer-reviewed journals.

Addressing Cumulative Effects Through Indigenous-Led Assessment Processes

Arnold, Lauren

Cumulative Effects Assessment: Insights from Ireland's Marine Planning

Morejón, Virginia; González Del Campo, Ainhoa

Assessing Cumulative Impacts to Indigenous Land Use

Carlson, Matt; Faichney, Felix; Berg, Kevan; Golden, Denise

Data-Driven Social Risk Management Methods and Tools for Central and Local Use II

Module 3

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Anna Nordenmark Severinsson, Nneka Okereke

Social and environmental risk management is necessary to comply with standards for environmental and social sustainability. The session will explore new innovative data-driven processes, methodologies, and tools for managing social risks, either as nationally uniform tasks or as tasks delegated to local governments.

Assessing Ghana Portfolio Risk Mitigation on Child Labor

Darimani, Abdulai

Child Labor Screening: A Pilot to Reduce Social Risk in Ghana Operations

Okereke, Nneka; Nordenmark Severinsson, Anna

Energy Justice Mapping: Social Impacts of Offshore Wind Farms in NE Brazil

Xavier, Thomaz; Turra, Alexander; Sánchez, Luis Enrique

Identifying Real-World Solutions to Support Women in Green Transition Energy Projects

Indaco

T3. Evidence-based policymaking
Workshop
Chair(s): Camille O. Dallaire

The green transition will have gendered impacts that negatively affect women's well-being, but few IAs provide concrete mitigation measures. In this workshop, we will discuss real-world solutions focusing on case studies and experiences. Participants can bring examples and actively engage with creative thinking for the future of women in IAs.

Women and the Wind-to-Hydrogen Industry in Newfoundland and Labrador

Jackson, Robyn; Ouellet Dallaire, Camille

SUNDAY, 4 MAY | 09:00-10:30

Challenges of AI for Accountability and Ethical Practice in Impact Assessment

Europa

G8. Emerging technologies
Theme forum - Paper session
Chair(s): Alan Chenoweth

AI has the potential to dilute our personal professional accountability, as new tools and approaches become available, and data will increasingly be collected and analyzed by algorithms—will this exacerbate ethical challenges to our profession? Or can AI itself provide solutions to these problems?

Pay Attention: Recognize AI Language and Structure to Deliver Intended Outcomes

Moreland, Suzanne; Borin, Gabrielle; Solaun, Leticia

User-Centric Approaches to Digital Transformation in Environmental Impact Assessment

Olorundami, Tokunbo; Ndarake, Etia

Implementing AI tools for Archaeology and EIA: A Work in Progress

Tizzard, Louise

Reconsidering the Ethics of Trade-Offs as the Use of AI Increases

Chenoweth, Alan

Essential AI Learnings: Workflow Management for ESIA from MFIs

Italia

T1. Impact of artificial intelligence on impact assessment
Theme forum - Panel discussion
Chair(s): Tracy Hart, Felix Oku

Join our panel from ADB, AIB, IADB, IFC, and World Bank exploring AI integration into ESIA. Gain insights on AI-driven workflow efficiency, data management, and collaboration. Engage in Q&A and discover how AI is revolutionizing ESIA with MFIs.

World Bank

Hart, Tracy

Asian Development Bank

Oku, Felix Nii Tettey

International Finance Corporation

Curmally, Atiyah

Asian Infrastructure Investment Bank

Ahmad, Muzaffar

IDB

Hurwitz, Zachary

What Science and Whose Art? Demarcation of AI and Human Roles in IA

Avorio

T1. Impact of artificial intelligence on impact assessment
Theme forum - Solution room
Chair(s): Jack Krohn

This session will engage practitioners in the delineation of AI and human roles in IA through the collaborative development of a definitive statement. If you have a view about where the line lies, or how hard or fuzzy it should be, this is YOUR session!

Royal HaskoningDHV

Eijssen, Paul

BIOTA, Lda.

Rodrigues, Patricia; Rosa, Susana

Natural Capital Strategic Solutions LLC

King, Ginny

Retired EIA Practitioner

Krohn, Jack

Can IA be more "Future-Smart": Incorporating Futures Thinking in IA

Bianca

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Theme forum - Workshop
Chair(s): Nicholas King, Francini Van Staden

Futures thinking incorporates a diversity of approaches beyond linear projections of present contexts to assist improved understanding of future contexts, new trends, and their interactions and compounding effects with existing trends and each other. Incorporating futures thinking in IA will assist in ensuring IA-enabled decision making is "future-smart."

SUNDAY, 4 MAY | 11:00-12:30

Implementation of HIA from a Comparative Perspective: Common Grounds, Differences, and the Future with AI

Ambra

G10. Health
Section: Health
Paper session
Chair(s): Valentina Cavanna

The aim of the session is to compare experiences from different countries to identify common grounds and differences in HIA implementation. After a brief overview, panelists will illustrate some case studies. Then an open discussion will explore relevant aspects (e.g., concerning extent of institutionalization, integration with other environmental proceedings, methods used, competency of experts, possible use of AI).

A UK Perspective on the Commercial Practice of Health Impact Assessment

Pyper, Ryngan

Human Health in IAs: Building Trust and Valuing Relationships

Waheed, Faiza

Application of AI in HIA: A Canadian Perspective

McCallum, Lindsay; Jayasinghe, Ruwan; Roselli, Tessa

Advancing Impact Assessment Through a Planetary Health Framework

Castleden, Heather; Leveille, Caelan

Artificial Intelligence and Indigenous Data in Impact Assessments

Ciano

G11. Indigenous Peoples
World Café
Chair(s): Melanie Demers

An evolving digital landscape provides opportunities for new approaches for the ethical use of AI when applied to Indigenous data. In this session, participants will discuss possible applications of AI and interactions with global principles of Indigenous data sovereignty when working with Indigenous Knowledge and data in impact assessments.

Post-Resettlement Livelihoods: Reality, Experiences, and Lessons

Celeste

G13. Social impact assessment
Paper session
Chair(s): Gwendolyn Wellmann

Involuntary resettlement frequently leads to resettled households not only losing their homes, their sense of community, their graves and cultural artefacts, but also their livelihoods. This session explores lessons learned from post-resettlement livelihood restoration efforts, whether the involuntary resettlement was due to urban expansion, natural disasters, or project-induced displacement.

Lost in the Rebuild: Social Impacts of Urban Renewal Post-Earthquakes

Çalişan, Aysima

Challenges of Managing Resettlement: Restoring Lives or Livelihoods?

Dlamini, Nontethelelo; Keal, Duncan; Van Den Berg, Stephan

Applying the Graduation Approach for Better Livelihood Restoration Outcomes

Carroll, Ben; Tanti, Romain

Quality of Life After the Dingleton Resettlement

Wellmann, Gwendolyn

Bioregional Impact Assessment

Bianca

G3. Biodiversity and ecology
Workshop
Chair(s): Rufus Howard

Bioregional Impact Assessment is an innovative approach to the evolution of IA by blending the concepts and philosophy of Bioregionalism with the practice of Impact Assessment. This participatory workshop explores the concept and tenets of Bioregional thinking and invites the audience to discuss how this could be applied to IA.

Introduction to Bioregionalism and Bioregional Impact Assessment

Howard, Rufus

Strategic Impact Assessment and Bioregional Planning

Cameron, Carolyn

Integrating Environmental Impact Assessment with Bioregionalism

Hoare, David

IA Follow-Up and Bioregional Impact Assessment

Smith, Charlene

Notes

.....

.....

.....

.....

.....

.....

.....

.....

Sessions

Offshore Wind Farms ESIA: State of the Art, Issues, and Opportunities

Avorio

G3. Biodiversity and ecology

Panel discussion

Chair(s): Giovanni Torchia, Silvestro Greco

This session is sponsored by WSP.

Installation of offshore wind energy is increasing worldwide, particularly for floating wind farms. This is posing several challenges to ESIA practitioners, as the potential impacts are poorly understood, especially due to the still-limited number of offshore wind farms already in operation and therefore the limited practical experience. The session will bring together experts, developers, and ONGs to discuss the state of the art.

Experiences and Challenges During the Consenting Process of Working with Developers

Osmond, Lauren

Making Eco-Compatible Off-Shore Wind Farms

Danovaro, Roberto

The Power of Collaboration: Offshore Coalition for Energy & Nature (OCEaN)

Simioli, Cristina

Off Shore Wind Farms in Italy: How to Deal with It

Falgiani, Klaus

Impact Assessment and Governance for Climate Adaptation and Mitigation in Megacities

Blu

G4. Climate change

Paper session

Chair(s): Yuan Xu, Daniel Guttman

Climate risks are causing serious challenges and opportunities, especially in megacities where these risks are concentrated. This session highlights contributions on impact assessment and governance, which are crucial for localized climate adaptation and mitigation in both developed and developing countries with highly heterogeneous capacities and agendas.

Estimation of Regional Consumption-Based Emissions and Analysis of Correlation

Han, Jiwoo; Jung, Juchul

Brazil's Energy Transition: Evolving Regulations and Clean Energy Expansion

Bettencourt, Pedro; Melo, Fabiano

Green Hydrogen: Licensing Standards and Impact for Global Decarbonization

Melo, Fabiano; Morais Bettencourt, Pedro

What is Climate Policy in China's Governance Strategy?

Xu, Yuan; Liu, Xinran

Korea's Urban Planning Technology Development in Response to Climate Change

Module A

G4. Climate change

Paper session

Chair(s): Seunghyun Jung, Minju Kim

We will present and discuss the carbon spatial map developed in Korea. Participants can gain insights on innovation and sustainability in urban planning by examining the background of the construction of the carbon spatial map, the status, and AI use cases in the field of urban planning.

Utilization of Carbon-Related Microspatial Data for Carbon Neutral Policies

Son, Jae Soen; Chang, Yohan

Mapping of GHG Emissions from Livestock Farms for Sustainable Rural Planning

Kim, Minseo; Jung, Seunghyun

AI-Driven Analysis of Urban Planning Impacts on Resident Carbon Footprints

Kim, Taehyun; Jung, Jiae

Development of an AI-Based Land Use Planning Support Algorithm

Kim, Minju; Jung, Seunghyun

Challenging Implementation of Cultural Heritage Impact Assessment Standards

Cobalto

G6. Cultural heritage

Section: Cultural Heritage

Paper session

Chair(s): Christopher Polglase, Justin Bedard

In this session, we will present case studies related to the implementation of existing cultural heritage practice standards. Examples will relate to the incorporation of World Heritage sites in broader impact assessments and how to integrate the expectations of intangible heritage and FPIC into impact assessments.

Cultural Heritage and FPIC in a Deep Sea Mining Project

Proebstel, Don

Cultural Heritage Impact Assessment for Deep-Sea Mining Projects

Bedard, Justin; Piscitelli, Matthew; Regan, Peter

The Story of a Wind Turbine Built on Top of a World Heritage Site

Takeuchi, Ayano

Uncovering Cultural Heritage in Colombian Territory: Is That an Impact?

Amaya, Andres; Ruiz, Yaddy

The Great Schism: EIA, HIA, and Cultural Heritage

Polglase, Christopher

Making Impact Assessment more DAVE

Indaco

G7. Disasters and conflict

Workshop

Chair(s): Katherine Teh, David McCallum

High outrage issues require impact assessments that deliver a process and an outcome that is credible for all parties. Join us to workshop the DAVE impact assessment model to assess if this could support you to reduce the risks. The workshop will teach the model, apply it, and evaluate it in a highly participative approach using case studies.

Are Competent Experts and Capacity Building Still Core to IA in Spite of AI?

Module B

G9. Governance and implementation systems

Paper session

Chair(s): Josh Fothergill

Exploring where we stand in 2025 on IA professional capabilities, expertise expectations, and capacity building across nations, regions, and FI. Papers will provide different takes, perhaps considering the EU's requirement for EIA Competent Experts after 10 years, FI capacity building initiatives, or whether IA skills are needed in the AI age...

Exploring the E&S Competency Conundrum in International IA Practice

King, Mark

Lessons Learned from Training Programs for Environmental Experts and Author

Nistorescu, Marius Costin; Doba, Alexandra

Competency-Based Learning in the Impact Assessment Profession

Khalil Gomez, Aida

Perspectives on "Sufficient Expertise" in Government and Its Future With AI

Parker, Nicola

Evolving Expertise in Denmark: The Role of AI Competencies in Impact Assessment

Lyhne, Ivar; Kørnøv, Lone

Advancements in Environmental Impact Assessment Through Digital Innovations I

Turchese

T1. *Impact of artificial intelligence on impact assessment*
Paper session

Chair(s): Raymond Wong, Clara U

This session explores how the integration of digital AI tools and methodologies has revolutionized the practice of EIA to enhance efficiency and facilitate informed decision making, aiming to provide a platform for EIA practitioners, researchers, and policymakers to engage in a dynamic exchange of ideas and innovative solutions.

Leveraging Project Environmental Management with Digital Tools and Innovation

Boonsanit, Rawikarn; Uaviboonsap, Thatchaphon; Pratoomtuang, Teerachai

Aquatic Pollutant Monitoring and Assessment Empowered by Digital Approaches

Zhou, Jianfeng; Gao, Jingsi

AI Chatbot for Smart EIA Report Review

Mak, Danny; U, Clara; Zhang, Wei Xian

Best Practice Methodologies and Tools for Delivery of EIAs Across the World

Soubry-Smith, Caroline; Tombeur, An; Breton, Neil; van der Wel, Karin; Palekhov, Dmitry; Anton, Daniel

Forecasting of Air Quality with Machine Learning

Makala, Daniel; Kiwelu, Doris

Evidence-Base in Impact Assessment: The Role of Spatial Data and GIS-based Decision-Support Tools I

Module 3

T3. *Evidence-based policymaking*
Workshop

Chair(s): Ainhoa González

This session aims to explore advancements in the use of spatial data and GIS-based decision-support tools for evidence-based impact assessments, with emphasis on national applied methods and tools.

e-Cenarios Geoportal: A Decision Support Tool for EIA in Sao Paulo, Brazil

Silva, Rodrigo; Romitelli, Maria; Ferreira, Gleice

Managing Risks with MESA, a GIS Tool

Serrano Timonet, Diana; Larsen, Ragnvald

The Power of Managing Surveys, Engagement, and Land in a Single GIS Solution

Imms, Eseld

SUNDAY, 4 MAY | 14:00-15:30

Handbook on Health Impact Assessment

Ambra

G10. *Health*

Section: *Health*

Panel discussion

Chair(s): Francesca Viliani

A panel, drawn from the over 40 authors who contributed to the "Handbook on Health Impact Assessment," will present and discuss the role that HIA, public health, impact assessment, and new technologies can play in addressing the challenges we face globally.

Community-Led for Culturally Adequate IA: Insights from Indigenous Health

Hanna, Philippe; Wiik, Flávio

HIA Chapter: The View of Private Sector

Sommerville, Delya; Xiao, Yina

One Health Approach to Risk Assessment (OHARA) Framework

Calvin, Sharon

Health in Impact Assessment: Handbook Conclusions from the Editors

Viliani, Francesca

Embracing Nature: From Grey Solutions to Nature-Based Solutions

Bianca

G3. *Biodiversity and ecology*

Workshop

Chair(s): Jacobiene Ritsema

Nature-based solutions (NbS) are an emerging and significant approach in addressing environmental, social, and economic challenges. In this interactive workshop we learn about ongoing NbS initiatives, their potential benefits and risks, and we explore how impact assessment can support the upscaling of NbS. Get ready to be inspired!

ESIA Process Enablers and Barriers to Implementing Nature-Based Solutions

Wood, Iain

Embedding Nature-Based Solutions in Brisbane's 2032 Olympics and Paralympics

Swords, Kimberley

From Grey to Nature: Sustainable Shoreline in Hong Kong

Lui, Crystal

Harnessing the Building with Nature Approach and ESIA Process for Nature-Base

Ouddeken, Daniël

Voluntary Carbon Markets (VCM): Social and Environmental Perspectives

Gotto Walton, Katharine; Sully, Rita

Navigating Conservation with AI: Trustworthy Data for a Sustainable Future

Module B

G3. *Biodiversity and ecology*

Panel discussion

Chair(s): Emily Charry Tissier

The blue economy, set to hit \$3 trillion by 2030, faces definition inconsistencies, risking harmful practices. AI can aid marine conservation but needs accessible, trustworthy data. A standardizing body for ethical data production is crucial for effective policymaking and ESG practices. Join us in bridging profitability and sustainability.

Black Bawks Data Science Ltd.

Humphries, Grant

BGP Offshore

Bordon, Daniella

Ocean and Climate Tech Consulting

Presley, Nickelle

Whale Seeker

Charry Tissier, Emily

Improving IA Efficiency for Climate Change: Why, When and How

Blu

G4. *Climate change*

Paper session

Chair(s): Anna Johnston

There have been calls to make IA more efficient for "clean" projects that may help countries get to net zero. But what does "efficiency" mean? How can we tell a "clean" project from any other? This panel will explore ways to improve IA efficiency of climate-friendly projects without undue sacrifices.

Does Jurisdictional Siloing Undermine Efficiency of Next-Generation IA?

Johnston, Anna; Sinclair, A. John

Climate Emergency and EIA: A Framework for Project-Level EIA

Vilardo, Cristiano; Carvalho, Guilherme; Valentim, Leandro

Roadmap for GHG Mitigation in Urban Planning: Climate Change Impact Assessment

Lee, Mihyoen; Kim, Dongchan

Sessions

Cultural Heritage in Strategic Environmental Assessment

Cobalto

G6. Cultural heritage
Section: Cultural Heritage
Paper session
Chair(s): Flavia Scardamaglia

The session includes presentations on effective inclusion of culture and cultural heritage in SEA, and proposals for doing so in the future.

Cultural Heritage Impact Assessment and Mine Closure

Martin, Gavin

Cultural Heritage Preservation in Kai Tak Redevelopment

Cheung, Chun Wah

Heritage in Strategic Environmental Assessment: Practice in the Netherlands

Patiwael, Patrick

Indigenous Cultural Heritage: Not Just Another Worthy Agenda Item for IA

Matunga, Hirini

Navigating Complexities: Resettlement Management in Zones Emerging from Conflict

Module A

G7. Disasters and conflict
Panel discussion
Chair(s): Corinne Kennedy, Lloyd Lipsett

This interactive session will explore the connections between human rights and resettlement. We will facilitate discussions on 4 case studies from around the world that present unique challenges for vulnerable groups, and provide practical guidance about how to respect rights and meet international standards in challenging contexts.

Enhancing IFC PS7 Compliance: Indigenous Knowledge Integration

Horton, Kelly; Kennedy, Corrine; Jonsson, Jesper

Marginalization and Land Rights: Impact of Energy Projects on Marsh Arabs

Celikel, Yasemin; Van Vlaenderen, Hilde

The Human Rights Challenge of Resettlement in a Conflict Area

Lipsett, Lloyd

Unheard Voices: The Unintended Consequences of Poorly Planned Displacement

Pittaluga, Andrea

Synergies Between Impact Assessment and the Circular Economy

Indaco

G9. Governance and implementation systems
Paper session
Chair(s): Ralf Aschemann, Tomás Ramos

This session explores potential synergies between impact assessment (IA) and circular economy (CE). E.g., EIAs and SEAs can assess the impact of CE related activities, whereas CE strategies can generate ideas for decreasing the environmental effects of PPPs. Plus, using those synergies breaks the typical "silo" thinking of separate fields.

Toward a Guiding Framework for Interlinking Circular Economy into IA

Ramos, Tomas

Transition to a Circular Economy in Renewable Energy Projects

Galeano-Galán, Alejandra

What Circular Economy Can Learn from Impact Assessment and Vice Versa

Aschemann, Ralf

Advancements in Environmental Impact Assessment Through Digital Innovations II

Turhese

T1. Impact of artificial intelligence on impact assessment
Paper session
Chair(s): Raymond Wong, Clara U

This session explores how the integration of digital AI tools and methodologies has revolutionized the practice of EIA to enhance efficiency and facilitate informed decision making, aiming to provide a platform for EIA practitioners, researchers, and policymakers to engage in a dynamic exchange of ideas and innovative solutions.

Us vs Machines: Impact Assessments More Efficient, Accurate, and Substantive

Radi, Aceel; Alhomoud, Faisal; Farkh, Ruba

Importance of Data Structuring and Software Modularization for Digital IA

Nikačević, Nikola

Leveraging AI and Remote Sensing for Environmental Impact Assessment

Toonen, Liv; Hegger, Kathrin; Gwenz, David; Ramadhan

Taiwan's Dual-Axis Transformation: Advancing EIA with Digital and AI Tools

Yin, Xinjie; Hsu, SuChin; Lu, YaWen; Yang, Chihkai; Liu, YenChun; Chen, Maochuan

Global Perspectives on the Evolution of Impact Assessment (IA) Effectiveness

Avorio

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Workshop
Chair(s): Francois Retief

This workshop aims to critically reflect on global perspectives on Impact Assessment (IA) effectiveness. It relies on a real time online international survey to be completed, analyzed and discussed during the workshop. We therefore invite anybody who is interested in the effectiveness and future directions of IA to attend.

Critical Review of SEA Substantive Effectiveness in China's Urban Planning

Wang, Haojia; Fischer, Thomas

EIA Procedure Efficiency in Renewable Energy Projects in Spain

Sobrini, Iñigo; Gonzalez, Juan Jose; Abad García, Jorge; Diaz Martin, Manuel; Casermeiro, Miguel Angel; Granero, Javier

The Long and Winding Path of EA Effectiveness in Estonia

Faith-Ell, Charlotta; Kalle, Heikki; Arts, Jos

Multi-Dimensional SEA Effectiveness: A Multiple Case Study

Montano, Marcelo; Agnelli, Jose Augusto

Unique Features of EIA in Protected Areas: Toward Best Practice Principles

Roos, Claudine; Retief, Francois; Bond, Alan; Alberts, Reece; Cilliers, Dirk; Moolman, Jurie

Practical Assessment and Mitigation Approaches in IA

Celeste

T2. Data-driven innovation of processes, approaches, methodologies, and tools
Paper session
Chair(s): Meredith Henderson

In this session, presenters will share practical methods and approaches for assessing and mitigating impacts.

The Mitigation Hierarchy and Development Zoning

Henderson, Meredith; Powrie, Sophie; Bathgate, Emily

Charting a Quieter Course: Mitigating Marine Noise Pollution

Krause, Paul; Baquiran, Juliane

Managing Hazardous Risks Induced by Asbestos Contamination

Murayama, Takehiko

Furthering the Understanding of a Mine's Area of Influence in Amazon

Souza, Larissa; Margarido, Natália; Duarte, Carla; Sánchez, Luis

The Impact of Landscape Structures on PM10 Concentrations

Kim, Jin-Oh; Park, Sung Joo

MEET THE AUTHORS AT THE WELCOME/POSTER RECEPTION!

Thursday, 1 May | 17:00-18:30 | EXGAM

The SEA for the expansion of the Renewable Energy Development Zones: South Africa

Adams, Abulele; Lochner, Paul; Mkhize, Sonto; Fisher, Dee; Moganetsi, Simon

Leveraging AI to streamline incident reporting for enhanced safety and risk

Aviles, Luis; Clemente-Fernandez, Pilar

Modeling software to support Indigenous participation in impact assessment

Berg, Kevan; Bockstael, Erika; Carlson, Matt

Leveraging restoration with ecological equivalence for Amazon offsetting

Borges Matos, Clarice

Emerging ecosystem services into cumulative impact assessment scoping

Casteli Figueiredo Gallardo, Amarilis Lucia; Furtado Sozinho, Davi Wilkson; Frederigi Benassi, Roseli; Bond, Alan; Moretto, Evandro Mateus

Advanced machine learning regressions for agricultural uncertainty

Chinesta, Ignacio; Ammar, Amine; Chinesta, Francisco

The UN FAO Framework for Environmental and Social Management

Coccatto, Gianmarco; Manzano Borba, Maria Rita

EIA contributions to the knowledge of pre-colonial Sites in São Paulo

Costa do Vale, Fabio Renato; Rinaldi, Edgard Ortiz

Sonochiro, a powerful tool for studying bats using their ultrasound

Elleboode, Cédric; Tranchard, Julien; Disca, Thierry

NBS in environmental regularization of hydroelectric plants in São Paulo

Ferreira, Gleice; Guerreiro, Vanessa; Francesquini, Fernanda

The future role of artificial intelligence in the E&S impact assessment

Giacchino, Chiara; Grosbuis, Lubin

Data-driven risk analysis for climate change impact assessment in Korea

Hwang, Hyemee

Balance Co-Lab's Indigenous-led cumulative impact assessment training

Kefer, Justine

Follow-up management analysis study based on case studies of drone

Kim, Elia; Kim, Dongchan

Strengthening climate adaptation in urban development through CCIA

Kim, Yumi; Cho, Hanna; Cho, Young-il; Heo, Namjoo

Assessment of local chimpanzee populations with camera traps and AI

Le Bras, Yves; Cappelle, Noémie

Development of a differentiated environmental impact assessment framework

Lee, Sangyun

A study on changes in marine pollution distribution using the BPI

Lee, Eojin; Maeng, Junho

Best practices in the environmental impact assessment follow-up management

Lee, Jeongeun; Kim, Dongchan

Analyzing the impact of sea-level rise and coastal erosion to establish set-back strategy

Lee, Byeong Cheol; Kang, Jung Eun

Analysis of cases of digital environmental impact assessment applications

Lee, Jiye; Lee, Sangyun

EIA in the cloud: Data evolution and AI opportunities for the future

Li, Xiaomin; Zhan, Liwen; Zhao, Yuting; Li, Yafei

Data management system for real-time E&S monitoring of hydropower projects

Longarini, Arianna; Bacaro, Giovanni; Chiodi, Paola; Chines, Arianna; Romagnoli, Ettore Pascale, Massimo; Fonda, Federica; Sapkota, Bidhan; Malla, Prashant

Fringe stakeholders: How to escalate best practices of engagement?

Lyra, Mariana

Advanced data-driven modeling for marine biodiversity risk in offshore wind

Marangoni, Irene; Cuzzola, Antonino; Gordigiani, Lorenzo; Pucillo, Paolo; D'Alessandro, Sara; DiMarco, Tiziana; Fistrale, Agostina

Exploring AI integration for enhanced occupational health and safety

Mercado, Fabiola; Aviles, Luis

Impact assessment of small-scale urban green by RGB-D machine learning

Omizu, Yosuke; Shibata, Yuki; Nakajima, Yuu

Cumulative impact assessment and management where CIA is a novel concept

O'Neill, Helen; Southall, Rachel

Quantitative analysis of environmental improvements through EIA in ROK

Park, Ji Hyeon

The AI age: Just a hype or real changes on EIA?

Poletto, Maria Cristina; Rinaldi, Edgard; Deodato, Fabio

Wading into the future: AI-assisted monitoring of shorebird populations

Rasu, Shivaram; Tomy Padiyara, Noble; Chen, Melvin; Phipatanasuphorn, Veradej; Chew, Jie Si; Chen, Jinghui; Abdul Majeed, Adibah; Ang, Jeremy; Lian, Florence; Le, Thao; Tan, Cheng Ann

Co-producing IA guidelines for renewable energy projects: A research agenda

Sanchez, Emerson; Amparo, Jenny; Devanadera, Catriona

Ecosystem-based impact assessment of offshore wind energy

Sánchez, Luis; Turra, Alexander; Duarte, Carla; Laurino, Ivan; Dibo, Ana Paulo; Siqueira-Gay, Juliana

Modelling environmental impacts of waste discharge locations in an estuary

Seo, Dongil; Lee, Seungmoon

Strategies for mitigating offshore wind impacts and enhancing data management

Siqueira-Gay, Juliana; Leite, Nicolly; Pires, Rafaela

Estimating urban thermal environments using UAV, micro climate modeling, AI

Song, Bonggeun; Lee, Hyejeong; Park, Kyunghun

The effectiveness and implications of China's pilot program for GHG EIAs

Tang, Wei; Wu, Yinan; Zhang, Yifei; Zhao, Fang

Reforestation of riverbanks in overflow and flood control works in Peru

Tenorio, Mario; Camacho, Marlene; Chunga, Dany; Espinoza, Arenas; Cárdenas, Josué Gasco, Vania; Martinez, Paula; Mori, Eva

Practical examples of WWF's innovative scenario and monitoring approaches

van Stokkom, Anouk

Offshore wind projects: Who cares about environmental impact significance?

Veronez, Fernanda; Dibo, Ana Paula; Siqueira-Gay, Juliana; Duarte, Carla; Turra, Alexander; Sánchez, Luis

Only official exhibitor posters and/or technical posters approved by the Program Committee during the review process may be displayed.



Lifetime Achievement Award

The Lifetime Achievement Award honors **A. John Sinclair** (Canada) for dedicating more than 30 years to community service, sharing his knowledge, and expanding and strengthening practical implementation

The IAIA Lifetime Achievement Award, previously known as the Rose Hulman Award, is awarded to long-term supporters and members of IAIA for major contributions to the field of impact assessment.



Outstanding Service to IAIA

The Outstanding Service to IAIA Award is presented to **Ilse Aucamp** (South Africa) for her dedication to expanding long-term capacity building in IA and creating the SIA Professional Development Program course, recruiting and training mentors, and mentoring participants.

The Board of Directors is responsible for selecting the Outstanding Service to IAIA Award, which recognizes an individual or individuals within IAIA who have provided exceptional service to IAIA over a number of years.



Institutional Award



The Institutional Award is awarded to the **Danish Centre for Environmental Assessment at Aalborg University** for significant and sustained contributions to the practice and advancement of IA on all levels.

The IAIA Institutional Award is presented to a national or international government or nongovernmental organization for outstanding contribution to impact assessment practice or other environment-related activity deserving of recognition.



Global Award

The Global Award is presented to **Global Commons Alliance** for their mission to mobilize and accelerate change and become better guardians of the global commons.

The IAIA Global Award is presented annually to a leading individual or institution that has made a substantial contribution to impact assessment practice, management, or policy at a global scale.



Individual Award

The Individual Award is presented to **Alan Bond** (United Kingdom) for being one of the most published authors in the *IAPA* journal, leading and organizing many sessions at IAIA conferences, volunteering with IAIA, and contributions to IA.

The IAIA Individual Award acknowledges personal contribution to the discipline of impact assessment. It recognizes major achievement and advancement in theory and/or practice over a period of time at an international level.



Corporate Initiative Award

The **Hong Kong Environmental Protection Department** receives the Corporate Initiative Award for developing the **Hong Kong Environmental Database**—a pioneering platform that leverages data-driven, smart technology to transform EIA practices.

The Corporate Initiative Award is presented annually to a leading individual or institution that has made a substantial contribution to the practice of impact assessment, management, or policy at a corporate initiative scale.



Young Professional Award

Katie Fineran (United States) is recognized with the Young Professional Award for active participation in IAIA's Climate Change section and the Fit For Future Initiative as well as creating an online platform to connect others and enhance the impact on environmental issues.

The Young Professional Award acknowledges a distinguished IAIA member under the age of 35 with outstanding achievements in the impact assessment field.



IAPA Best Paper of 2024

The 2024 IAPA Best Paper Award is presented to **Jeffrey Nishima-Miller, Kevin S. Hanna, Jocelyn Stacey, Donna Senese & William Nikolakis** for their paper "Tools for Indigenous-led impact assessment: insights from five case studies." *IAPA* 42(1), 70–87.



Rita R. Hamm IA Excellence Scholarship

Lubin Grosbuis is a Consulting Associate at ERM, where he supports both technical environmental aspects as well as project management for the delivery of strategic reports and ESIA's complying with national regulations and company and lender standards. He has a strong academic background in ecology and environmental sciences.

The Rita R. Hamm IA Excellence Scholarship, in honor of the legacy that IAIA's former CEO left on the organization and the field of impact assessment, is offered in conjunction with each annual IAIA conference, allowing a young practitioner in the region of the host country to attend.

Do you know someone worthy of recognition?

Nominations are invited for IAIA's 2026 annual awards. Visit <https://www.iaia.org/awards.php> for details, or scan here.



Exhibitors | Venue map

EXHIBITORS

IAIA 2026 – Québec City

Korea Environment Institute

EPC Consultanță de mediu

Biotope

Netherlands Commission for Environmental Assessment

Royal HaskoningDHV

Oden Systems

Environmental Protection Department of the Hong Kong Government

ExxonMobil

Global Impact Assessment

Integral Ecology Group

AFFILIATE POSTERS

IAIASa
(South Africa)

Associação Portuguesa de Avaliação de Impactes (APAI)

Atlantic Canada Association for Impact Assessment (ACAIA)

Associação Brasileira de Avaliação de Impacto (ABAI)

Korea Society of Environmental Impact Assessment (KSEIA)

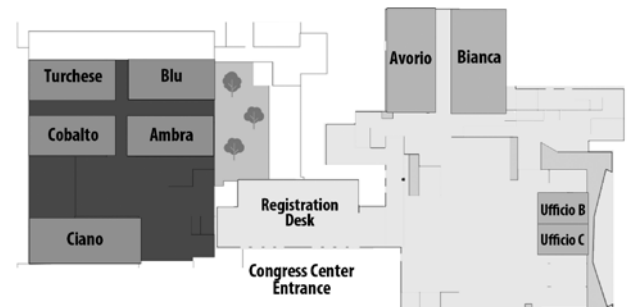
Nepal Association for Impact Assessment (NAIA)

New Zealand Association for Impact Assessment (NZAI)

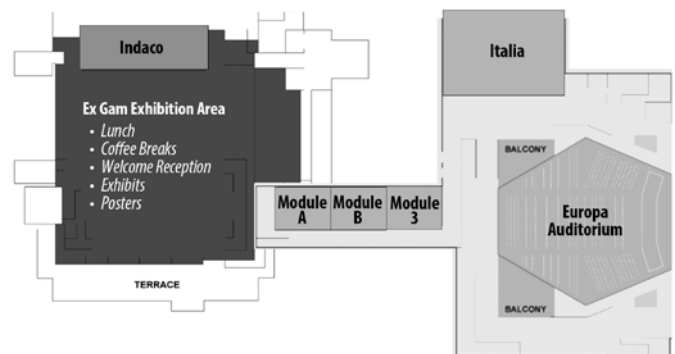
Ontario Association for Impact Assessment (OAIA)

VENUE MAP

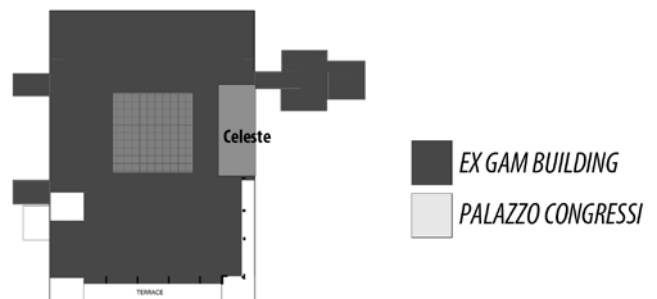
GROUND FLOOR



FIRST FLOOR



SECOND FLOOR



A

Abad, Raine 22
Abebe, Asferachew 21
Adegboyega, Lawal 23
Africot, Arnold 16
Ahmad, Muzaffar 24
Albawardi, Amani 19
Alborali, Giovanni Loris 23
Aljahani, Bader 13
Almasi Simsic, Ildiko 19
Almutairi, Saud 18
alpaços, Emanuel 17
Al Sultan, Rand 23
Amaya, Andres 26
Amra Ramly, Saiful Bahari 29
Anderson, Alfredo 9
Andrews, Nathan 12
Antwi, Effah 11
Aoun, Joy 9
Araabi, Samer 10
Aramburu, Romina 21
Araya, Gino 21
Arik, Tugba 19
Arisoy, Defne 22
Arnold, Lauren 24
Arts, Jos 21
Aschemann, Ralf 28
Azad, M. Abul Kalam 12

B

Baek, Donghae 10
Bailey, Scott 15
Ballard, Myrle 13
Banjoko, Moronkeji - Kg 11
Barcenilla Arranz, Elena 14
Barrientos Carrasco, Carlos 16
Barton, Nina 17
Batdorj, Bulgan 22
Bate, Emmanuel 29
Bayuelo, Mario 14
Bebeteidoh, Timothy 11
Bedard, Justin 26
Bendeman, Devinagie 12
Bessan, Modestine Victoire 12
Bettencourt, Pedro 26
Bockstael, Erika 9
Boling, Edward 13
Bo, Lujia 13
Bonnell, Steve 11
Boonsanit, Rawikarn 27
Borba, Maria Rita 15
Bordon, Daniella 27
Borlea, Silvia 10
Brennan Jacot, Maya 19
Breton, Neil 15
Brodie, Chris 10
Brown, Glenn 21
Buhmann, Karin 12
Bulnes Herrera, Lizbeth 23

Burnet, Fiona 17

Burton, Sara 22

C

Çalışan, Aysima 25
Calvin, Sharon 27
Cameron, Carolyn 25
Cardinal, Raymond 15
Carlson, Matt 24
Carreras, Maria Jose 11
Carroll, Ben 25
Carstensen, John 12
Carter, Bethan 19
Carvalho, Rafael 17
Castleden, Heather 25
Celikel, Yasemin 28
Chalikonda, Tejasvini 21
Chanchitpricha, Chaunjit 14
Charry Tissier, Emily 27
Chenoweth, Alan 24
Cheung, Chun Wah 28
Chompunth, Chutarat 14
Chung, Sewoong 13
Cisneros Menchaca, Alex 17
Cleto, Maria 15
Cliffe-Phillips, Mark 18
Collison, Ben 18
Cominelli, Simone 17
Conkin, Carla 17
Contreras, Christian 20
Cordeiro, Ana Carolina 9
Cormier, Marylène 16
Correia, Margarida 20
Costa, Marina 14
Coutinho, Miguel 20
Cronk, Nadine 20
Culver, Leah 15
Curmally, Atiyah 24
Cyprien, Lori 11

D

da Costa Lenz Cesar, Juliana 13
Dahal, Milan 23
Dalal-Clayton, Barry 16
Danovaro, Roberto 26
Daou, David 19
Darbi, Marianne 23
Darimani, Abdulai 24
Davidson, Carla 9
Davies, Claire 21
Davies-Flett, Callie 11
Dawson, Chloe 18
Defromont, Virginie 21
De-Quincey, Heather 18
Diaby, Aboubacar 9
Diantini, Alberto 14
Dlamini, Nontethelelo 25
Dong, Wenwan 20

E

Eccleston, Duncan 19
Edelstein, Michael R. 17
Edwards, Steve 20
Egilmезler, Melike 12
Egunyu, Felicitas 23
Eijssen, Paul 25
Ekanem, Minika 29
Ekbohm, Anders 14
Eliassen, Søren Qvist 9

F

Fabrero-Sy, Helen 23
Fagan, Beatrice 21
Fairley, Kerry 9
Faith-Ell, Charlotta 28
Falgiani, Klaus 26
Fant, Mia 11
Fast, Heather 14
Fernandez Bilbao, Amalia 20
Fitzpatrick, Patricia 16
Fluet, Eloise 16
Fonda, Federica 19
Fox, Michael 17
Franchini, Vittoria 12
Froese, Ken 23

G

Galeano-Galán, Alejandra 28
Gallacher, David 16
Gall, Catriona 10
Gamberini, Katia 21
Genthon, Ariane 22
Gerheim, Ana Carolina 9
Ghazal, Sarah 11
Giderler, Memduh Eren 10
Gordigiani, Lorenzo 10
Gotto Walton, Katharine 27
Goulet, L. Christian 15
Greyling, Noeleen 16
Grygar, Martin 13
Guifarro, Ranay 9
Gupta, Ridhee 9
Gurrieri, Simone 17

H

Habbane, Mohamed 22
Hale, Tamaryn 19
Hammond, Matt 17
Han, Jiwoo 26
Hanna, Kevin 23
Hanna, Philippe 27
Haque, Emdad 12
Hart, Tracy 24
Harty, Emma 12
Hayashi, Kiichiro 16
Hemming, Matthew 16
Henderson, Meredith 28

Herbst, Lynette 16
Hidalgo Pérez, Ana Isabel 21
Hoare, David 25
Holme, Dorthé 22
Hoogeven, Dawn 16
Horton, Kelly 28
Horrath, Celesa 15
Houle, Kimmy (Akai'kamotaaki - Survives Many Perils) 18
Howard, Rufus 25
Howse, Tara 11
Hudson, P.E. "Pam" 13
Huertas, Acevedo 17
Humphries, Grant 27
Hung, Shiu Fung 9
Hurwitz, Zachary 24

I

Imms, Eseld 27
Ingles de Sousa, Cassio 14
Ishii, Kohei 13
Iwayanagi, Mitsuo 12

J

Jackson, Robyn 24
Jalal, Imrana 10
Jenkins, Bryan 29
Jeon, Seohyun 10
Jiricka-Pürner, Alexandra 11
Jiskani, Izhar Mithal 18
Johnston, Anna 27
Jung, Sungwoon 16

K

Kakinami, Sueli H. 18
Kalkandelen, Kubra 12
Kamau, Teddy 19
Kelly, Charles 14
Kerr Smith, Catherine 12
Khalil Gomez, Aida 26
Kim, Jin-Oh 28
Kim, Minju 26
Kim, Minseo 26
Kim, Myungjin 14
Kim, Taehyun 26
Kim, Taeyun 10
King, Ginny 25
King, Mark 26
Knipping, Abel 29
Kolhoff, Arend 24
Kone, Natasha 9
Kørnø, Lone 11
Korpijaakko, Carla 14
Krause, Paul 28
Krohn, Jack 25
Kumar, Saransh 10
Kunanayagam, Ramanie 10
Kunz, Nadja 18

Index of presenters

L

La Gala, Silvia 20
Lai, Samantha 16
Lange, Kjerstin Skeidsvoll 20
Lapointe, Stéphane 23
Lazarus, Kate 14
Leal Rosillo, Roberto 17
Leckie, Mark 14
Ledec, George 23
Lee, Ji Yoon 12
Lee, Mihyoen 27
Le Gouais, Phil 12
Levaque, Laurence 10
Lévesque, Anne-Marie 20
Liljedahl, Birgitta 14
Lima de Paula, Gabriela 9
Lipsett, Lloyd 28
Lissandrello, Chiara 20
Li, Tianjiao 14
Liu, Kaiqi 16
Li, Yafei 9
Llanillo, Olivia Rosita 10
Lui, Crystal 27
Lyhne, Ivar 26

M

MacAfee, Katalijn 11
Machado Zampollo, Daniela 23
Magro, Giuseppe 23
Majekolagbe, Adebayo 9
Makala, Daniel 27
Mak, Danny 27
Malvestio, Anne Caroline 16
Man, Cathy Yi Hang 19
Mandai, Silvia Sayuri 10
Margarido, Natália 14
Martinez Pavez, Carla 20
Martin, Gavin 28
Mathur, Aradhna 23
Matunga, Hirini 28
McCallum, Lindsay 25
McGrath, Warren 21
McIlwaine, Steve 17
McQuitty, Jane 10
Meijaard, Erik 20
Melo, Fabiano 26
Menon, Jessica 20
Merino, Francisco 22
Metz, Bernhard 21
Michaelsen, Sofie 21
Minnaar, Jana 13
Mobarghaee Dinan, Naghmeh 13
Moffat, Kieren 21
Montano, Marcelo 28
Moreira, Sérgio 17
Morejón, Virginia 24
Moreland, Suzanne 24
Moretto, Evandro Mateus 23

Morrison-Saunders, Angus 18
Murayama, Takehiko 28
Murphy, Marissa 19
Murphy, Matt 14

N

Namgung, Hyung 16
Nathan, Fabien 22
Nelson, Peter 24
Nikačević, Nikola 28
Nistorescu, Marius Costin 26
Nita, Andreea 19
Niyommaneerat, Wilailuk 14
Nooteboom, Sibout 22
Nordquist, Dave 18

O

Obringer, Renee 19
Oggioni, Arianna 23
Okereke, Nneka 24
Oku, Felix Nii Tettey 24
Olivares, Samuel 16
Olorundami, Tokunbo 24
O'Mahony, Tadhg 22
Oosthuizen, Tania 10
Osmond, Lauren 26
Oso, Oluwatosin 11
Ouddeken, Daniël 27
Owen, Daniel 22
Oyanader, Karol 22

P

Paez Zamora, Juan Carlos 21
Page, Justin 29
Paredes, Alvaro 15
Parker, Nicola 26
Park, Taeho 10
Paterson, William 19
Patiwael, Patrick 28
Pedro, Joana 20
Peirson-Smith, Timothy J. 9
Pérez, Cristian 21
Picardi, Daniela 11
Pierce, Magretha 17
Pimentel, Mayumi Corazon Castillo 23
Pino Luna, Fiorella 23
Pittaluga, Andrea 28
Poggi, Johanna 11
Polglase, Christopher 26
Pope, Jenny 22
Presley, Nickelle 27
Proebstel, Don 26
Puustinen, Tuulia 20
Pyper, Ryngan 25

R

Radi, Aceel 28
Raffel, Noam 19
Rafor, Brian 17
Ramos, Tomas 28
Ravn Boess, Emilia 9

Raymond, Sarah 18
Relicovschi, Adina Manuela 20
Ricciardi, Francesco 10
Rigby, Grace 20
Rodrigues, Patricia 25
Roos, Claudine 28
Ruiz, Yaddy 16

S

Sacco, Maria Pia 18
Saeed, Hammad 12
Sardo, Luca 15
Sata-Haruperi, Mwelwa 18
Scott-Brown, Miles 19
Serrano, Christopher 11
Serrano Timonet, Diana 27
Shaabein, Majed 14
Shibata, Yuki 20
Silva, Rodrigo 27
Simic, Melisa 14
Simioli, Cristina 26
Sinclair, John 9
Skotareva, Olga 23
Smith, Charlene 25
Smith, Michael 13
Soares, Ana Paula 9
Soares, Daniella 12
Sobrin, Iñigo 28
Solaun, Leticia 9
Soldan, Riccardo 17
Sommerville, Delya 27
Song, Hak Joo 17
Son, Jae Soen 26
Soubry-Smith, Caroline 27
Souville, Henri 15
Souza, Larissa 28
Stefansson, Tryggvi 19
Stewart, Ian 10
Stewart, Ross 17
Stimpson, Benjamin 18
Strachan, Danie 10
Suwanteep, Koltip 16
Sveding, Karl Rasmus 11
Swords, Kimberley 27

T

Takeuchi, Ayano 26
Taylor, Nicholas (Nick) 14
Tchoffo, Florentine Atchombom 19
Tejeda-González, Juan Carlos 22
Tenzing, Janna 19
Teo, Aaron 12
Thao, Le Thi Phuong 20
Theriault, Desiree 13
Thevenot, Aurelia 23
Thompson, Michael 16
Thy, Try 12
Tibor-McMahon, Marian 10
Tizzard, Louise 24
Toonen, Liv 28
Tootoosis, Mylan 10

Torregrosa, Sergio 15
Tranter, Ngaire 13
Traynor, Stephen 12
Tuta, Ioana 18

U

Utsunomiya, Renata 13

V

Valery, Michele 23
van Ravesteijn, Maartje 21
Vanwelde, Benoit 10
Vanzan, Luciana 15
Vicentini, Roberta 21
Vilardo, Cristiano 27
Viliani, Francesca 27
Villegas Valenzuela, Jorge 21
Villela Capanema Garcia, Pedro 18
Vizeu Pinheiro, Maria 11

W

Wagner, Jay 15
Waheed, Faiza 25
Wang, Haojia 28
Wang, Miao 13
Ward, Jonathan 11
Wellmann, Gwendolyn 25
Wells, Carmen 15
Wemegah, Joshua 19
Wessels, Jan-Albert 11
Westwood, Alana 20
Wilkinson, Fraser 23
Williams, Leoma 18
Williamson, Laura 18
Wilson, Barry 18
Woesthuis, Hugo 21
Woodburn, Gavin 13
Wood, Iain 27

X

Xavier, Hannah 11
Xavier, Thomaz 24
Xu, Yuan 26

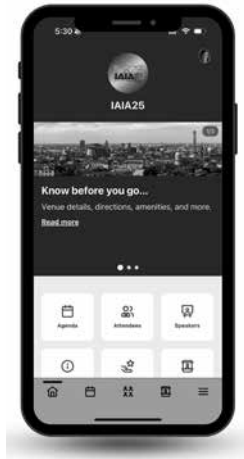
Y

Yellin, Megan 9
Yin, Xinjie 28
Yu, Qiao 12

Z

Zahir, Bann 16
Zanewich, Debra 20
Zhang, Weixian 9
Zhan, Liwen 13
Zhou, Jianfeng 27
Ziduche, Phillip 19

LOTS MORE CONFERENCE INFORMATION IS AVAILABLE IN THE MOBILE APP!



Get it now!

- Help others find you: complete your profile and upload a photo
- Search for sessions, speakers, and attendees
- Read presentation summaries and speaker bios
- Select your favorite sessions and create a personal agenda
- Receive instant notifications of program changes
- Find maps, FAQs, Section info, and more...

MOBILE

Download "CVENT EVENTS" from the app store, and then search for "IAIA25."

DESKTOP PORTAL

<https://cvent.me/qAwOQV>

LOGIN

Use your registration email address, and then check your email for the verification code.

We appreciate the work of these volunteers who made this conference possible.

CONFERENCE CO-CHAIRS

Giuseppe Magro
Roberta Vicentini Magro

TECHNICAL PROGRAM COMMITTEE

Giuseppe Magro (Chair)
Valentina Cavanna
Celesa Horvath
Charles Kelly
Jack Krohn
Francesco Mazzei
Ahmed Sanda

PROGRAM COMMITTEE

Giuseppe Magro (Chair)
Luca Maffezzoni
Roberto Mezzalama
Stefania Pellegrini
Marco Sumini
Vittorio Ingegnoli
Giampaolo Turini
Roberta Vicentini
Cinzia Vischioni

LOGISTICS AND LOCAL ARRANGEMENTS COMMITTEE

Roberta Vicentini Magro (Chair)
Luca Bertuol
Davide Cordioli
Alice Cusinato
Marco Dellabella
Giuliana Fiini
Mariagrazia Lugo
Agostino Monteverdi
Cinzia Vischioni

SPONSORSHIP COMMITTEE

Roberta Vicentini Magro (Chair)
Gary Baker
Valentina Cavanna
Miguel Repas Goncalves
Eduardo Goya
Giuseppe Magro
Iocca Marcello
Roberto Mezzalama
Agostino Monteverdi
Antonio Ruggieri

VIDEO/AUDIO POLICY

To foster sharing of information and open discussions, IAIA encourages presenters and panelists to speak freely and respectfully share their knowledge and experiences. During technical sessions, individuals are not permitted to record with personal audio or visual equipment or other recording devices such as cell phones, cameras, or recorders, without permission from the speaker.

By attending the conference, you agree to allow your image to be used by IAIA.

INSURANCE AND LIABILITY

IAIA, the organizing committee, and the venue will not be responsible for medical expenses, accidents, losses or other unexpected damage to property belonging to conference participants, either during or as a result of the conference and during all tours and events. Participants are strongly advised to arrange their own insurance for health and accident, lost luggage and trip cancellation.

ANTI-HARASSMENT POLICY

IAIA is committed to providing a safe and harassment-free conference/event experience for everyone. IAIA does not tolerate harassment of, or by, conference/event participants or invitees in any form. Conference/event participants violating these rules may be sanctioned or expelled from the conference/event without a refund at the discretion of IAIA. IAIA also reserves the right to report the incident to relevant authorities. IAIA's anti-harassment policy and information on how to file a report can be found at <https://2025.iaia.org/iaia-meetings-anti-harassment-policy/>.

DISCLAIMER

The views, information, or opinions expressed during IAIA25 are solely those of the individuals involved and do not necessarily represent those of IAIA.

THE ONLY INTERNATIONAL, INTERDISCIPLINARY, EDUCATIONAL CONFERENCE DEDICATED TO ADVANCING THE ART AND SCIENCE OF IMPACT ASSESSMENT!

Conference overview	2
Daily schedule	4
Technical program overview	6
Sessions	9
Topic list	29
Posters	30
Award winners	31
Exhibitors	32
Venue map	32
Index of presenters	33
App, Policies	35
Committees	35
Sponsors	36

IAIA OFFICIAL PARTNER



IAIA25 SPONSORS



IAIA25 SUPPORTERS



Impact Assessment Agency of Canada

Agence d'évaluation d'impact du Canada



IAIA25 CONTRIBUTORS

Mejores Prácticas (Chile) ● Ciera Group (Canada) ● ERM (UK)

Qatar Free Zones Authority (Qatar) ● Environmental Engineering Consultants (USA)

THIS EVENT IS ENDORSED BY THE FOLLOWING AUTHORITIES



Conference venue

Bologna Congressi (Bologna Congress Center)

Piazza della Costituzione, 4/a

40128 Bologna (Bo) Italy

www.bolognacongresscenter.com



Headquarters Office
+1.701.297.7908 | info@iaia.org | www.iaia.org

IAIA gratefully acknowledges these companies and organizations for their generous financial and in-kind support of IAIA25. By sharing their resources, these companies and organizations demonstrate their commitment to the environment and contribute to the improvement of impact assessment around the globe. When you meet a representative of these sponsors, at the conference or in the months ahead, please be sure to thank them for their contributions.

Sponsors have no explicit nor implied right to influence the conference program. Program elements contributed by sponsors are reviewed and monitored by the Program Committee.