

# **IMPACT ASSESSMENT FOR A JUST TRANSFORMATION**

43rd Annual Conference of the International Association for Impact Assessment

24-27 April 2024 The Convention Centre Dublin Dublin, Ireland

Céad míle fáilte. A hundred thousand welcomes.

Together, we can shape a Just Transformation.



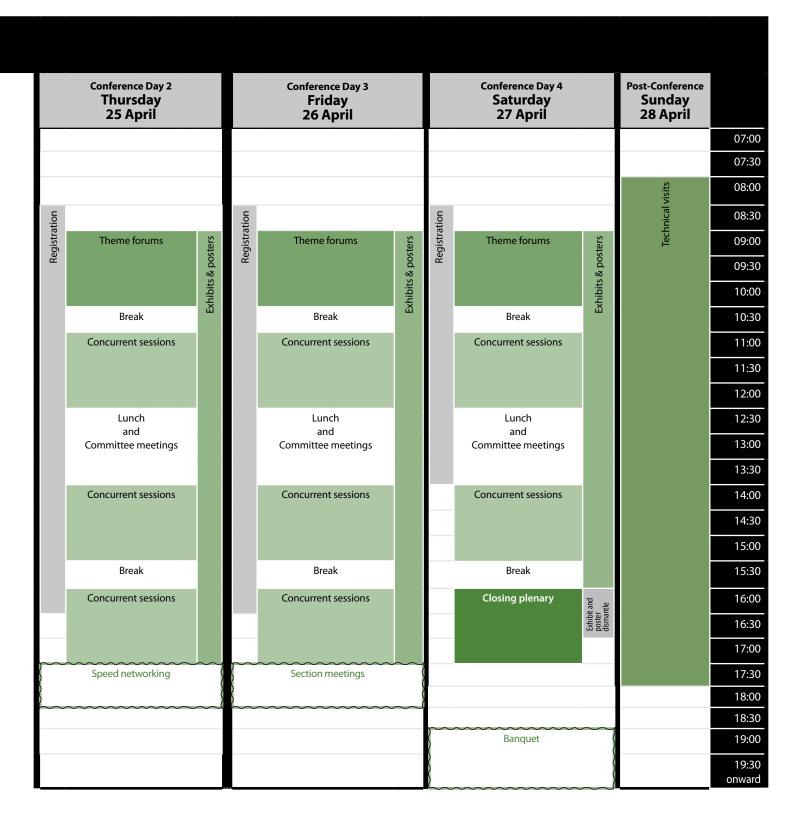
# **Conference overview**

### REGISTRATION DESK HOURS

### **Conference Overview**

	Pre-conference Sunday 21 April	Pre-Conference Monday 22 April			Pre-Conference Tuesday 23 April			Conference Day 1 Wednesday 24 April				
07:00												
07:30		Registration										
08:00		for training courses and	visits		ation				ation		World Bank Day	etup
08:30		technical visits	Technical visits		Registration	visits			Registration		EIB	Exhibits & posters setup
09:00			Tech	Irses	æ	Technical visits	Irses		<u>т</u>		workshop	& po
09:30				ig cou		Tech	ig cou				UNDP workshop	hibits
10:00				Training courses			Training courses			Newcomer Network	Wondhop	EX
10:30										meet and greet		
11:00												
11:30												
12:00												
12:30												
13:00		Registration			tion			etup		Opening	plenary	sters
13:30		for training courses and			Registration			ters se				& pos
14:00		technical visits			Re			Exhibits & posters setup				Exhibits & posters
14:30								hibits		Brea	ak	Û
15:00	Registration							Ex		Concurrent	t sessions	
15:30	for training courses and											
16:00	technical visits											
16:30												
17:00										Poster session and	on	
17:30									S	welcome recep	otion	
18:00									<u> </u>	~~~~~~		
18:30												
19:00												
19:30 onward												

# **Conference overview**



# **Daily schedule**

	SUNDAY 21 APRIL
15:00-17:00	Registration (Main Foyer)
	MONDAY 22 APRIL
07:30-10:00	Registration (Main Foyer)
08:00-17:00	Technical visit A*: Mount Lucas Wind Farm and Clonmacnoise Monastic Site. Guides: Catherine Swaine, Mark McCorry, Ainhoa González Del Campo
08:30-17:30	Technical visit B*: Abbeyleix Bog Project & Lullymore Heritage Park. Guides: Shane Regan, Eddie Smyth, Fernando Fernandez
09:00-17:00	<ol> <li>Training courses (Day 1)</li> <li>Resettlement &amp; livelihood restoration in IA (Liffey MR 2)</li> <li>Cumulative effects assessment (Wicklow Hall 1)</li> <li>More effective IA: Tools for argument &amp; writing (Liffey MR 1)</li> <li>Strategic thinking for sustainability (Wicklow Hall 2B)</li> <li>Theory &amp; practice of infrastructure (Liffey MR 3)</li> <li>Leadership in ESIA (Wicklow MR 1)</li> <li>Social risk management for major projects (Wicklow Hall 2A)</li> <li>More effective EIA follow-up (Wicklow MR 3)</li> <li>Transforming ESIA into action (Wicklow MR 2)</li> <li>Public participation for IA professionals (Wicklow MR 4)</li> <li>Human rights &amp; due diligence (EcoCem)</li> <li>Linking sustainable finance &amp; ESIA systems (Wicklow MR 5)</li> </ol>

#### 13:00-17:00 Registration (Main Foyer)

### TUESDAY 23 APRIL

08:00-10:00	Registration (Main Foyer)
08:30-14:30	Technical visit C*: Bull Island: Biodiversity, Heritage, & Conservation. Guide: Lorraine Bull, Paul Scott
09:00-16:00	Technical visit D*: From a Landfill to a Community Park and Kildare Heritage. Guides: Kevin Motherway, Eddie Smyth
09:00-17:00	Training courses (Day 2)
10:00-14:00	Technical Visit H*: National Botanic Gardens: Climate Change Transforming Ireland's Flora. Guides: Darach Lupton, Tadhg O'Mahony
13:00-17:00	Registration (Main Foyer)



Based on the data collected via registration forms, IAIA arranged for a percentage of vegetarian meals. This does not guarantee accommodation of individual preference.

Note: Lunch is NOT provided on 24 April.

#### WEDNESDAY 24 APRIL

08:00-17:00	Registration (Main Foyer)
08:00-13:00	Exhibit and poster setup (The Forum)
08:30-12:00	Workshop: UNDP (Liffey Meeting Room 2)
09:00-12:30	Workshop: World Bank (Liffey Hall 1)
09:00-12:30	Workshop: EIB (Liffey Meeting Room 1)
10:00-11:30	Newcomer Network (Liffey Hall 2)
13:00-14:30	Opening plenary (Auditorium)
	<ul> <li>Opening address: Eddie Smyth and Ainhoa González Del Campo, Conference Co-Chairs</li> <li>Welcome from IAIA President: Edith Birungi Kahubire</li> <li>Welcome from IAIA CEO: Gary Baker</li> <li>Keynote address: Pippa Hackett, Irish Minister of State for Land Use and Biodiversity</li> <li>Closing remarks: Eddie Smyth and Ainhoa González Del Campo, Conference Co-Chairs</li> </ul>
14:30-15:00	Break (The Forum)
15:00-16:30	Concurrent sessions
17:00-18:30	Poster session and welcome reception (The Forum)

### THURSDAY 25 APRIL

08:30-16:30	Registration (Main Foyer)
09:00-10:30	Theme forums
10:30-11:00	Break (The Forum)
	This coffee break is provided in collaboration with the Netherlands Commission for Environmental Assessment in celebration of its 30th anniversary.
11:00-12:30	Concurrent sessions
12:30-13:50	Lunch (The Forum)
12:30-13:30 14:00-15:30	<b>Committee meetings</b> (lunch provided at room) IAPA Editorial Board (Wicklow Hall 2A) Awards (Wicklow Hall 2A) Sections Coordinating (Wicklow Hall 2A) <b>Concurrent sessions</b>
15:30-16:00	Break (The Forum)
16:00-17:30	Concurrent sessions
17:45-18:45	Speed networking (Liffey Hall 2)

#### FRIDAY 26 APRIL

08:30-16:30	Registration (Main Foyer)
09:00-10:30	Theme forums
10:30-11:00	Break (The Forum)
11:00-12:30	Concurrent sessions
12:30-13:50	Lunch (The Forum)
12:30-13:30	<b>Committee meetings</b> (lunch provided at room) Training & Professional Development (Wicklow Hall 2A) Board Nominations (Wicklow Hall 2A) Journal Management (Wicklow Hall 2A)

14:00-15:30	Concurrent sessions
15:30-16:00	Break (The Forum)
16:00-17:30	Concurrent sessions
17:45-18:45	Section meetings Academia (Wicklow Hall 2A) Agriculture, Forestry and Fisheries (Wicklow Hall 2A) Biodiversity & Ecology (Wicklow Hall 2A) Climate Change (Wicklow Hall 2A) Corporate Stewardship & Risk Management (Wicklow Hall 2A) Corporate Stewardship & Risk Management (Wicklow Hall 2A) Cultural Heritage (Wicklow Hall 2A) Disasters and Conflicts (Wicklow Hall 2A) Emerging Technologies (Wicklow Hall 2A) Governance and Implementation Systems (Liffey Meeting Room 2) Health (Liffey Meeting Room 2) Indigenous Peoples (Liffey Meeting Room 2) Public Participation (Liffey Meeting Room 2) Social Impact Assessment (Liffey Meeting Room 2) Students and Young Professionals (Liffey Meeting Room 2)

### SATURDAY 27 APRIL

08:30-14:00	Registration (Main Foyer)				
09:00-10:30	Theme forums				
10:30-11:00	Break (The Forum)				
11:00-12:30	Concurrent sessions				
12:30-13:50	Lunch (The Forum)				
14:00-15:30	Concurrent sessions				
15:30-16:00	Break (The Forum)				
16:00-17:15	Closing plenary (Auditorium)				
	<ul> <li>Welcome: Eddie Smyth and Ainhoa González Del Campo, Conference Co-Chairs</li> </ul>				
	<ul> <li>Keynote address: Micheál Lehane, Director, Irish Environmental Protection Agency</li> </ul>				
	<ul> <li>Presentation of Awards: Luis Sánchez, Awards Committee Representative; Gary Baker, CEO; Edith Birungi Kahubire, President</li> </ul>				
	Presidential address: Alan Ehrlich, IAIA President-Elect				
	<ul> <li>Invitation to Guatemala Symposium: Mireya Archila, Planning Committee and IAIA Board member</li> </ul>				
	<ul> <li>Invitation to IAIA25: Giuseppe Magro and Roberta Vicentini Magro, Planning Committee</li> </ul>				
	Thank you: Eddie Smyth and Ainhoa González Del Campo				

#### 16:00-16:45 Exhibit and poster dismantle

19:00-22:00 Banquet (Liffey Hall A&B)

#### SUNDAY 28 APRIL

 08:00-13:30 Technical visit E\*: Boyne Valley Heritage and Tourism Impact Management. Guides: Leontia Lenehan, Eddie Smyth
 10:30-15:30 Technical visit F\*: Dublin Bay by Boat: Infrastructure and Conservation. Guides: Richard Nairn, Paul Scott
 13:00-18:00 Technical Visit G\*: Ringsend to Poolbeg: Regeneration, Development, and Community Conflicts. Guides: Conor Skehan, Ainhoa González Del Campo

#### **TECHNICAL PROGRAM: TOPICAL STREAMS**

#### What are you interested in? Find your topic!

The technical program is structured into two primary streams: thematic sessions focusing on "Impact assessment for a Just Transformation" and general impact assessment sessions, including topics that address issues of interest to IAIA's special-interest Sections.

#### THEMATIC STREAMS

The role of impact assessment in a Just Transformation12
The contribution of impact assessment to climate justice15
From just transition to Just Transformation16
A Just Transformation for Indigenous peoples and vulnerable communities16
Protecting biodiversity: Enhancing baseline and monitoring mechanisms for nature-based solutions
Sustainable development goals and the Just Transformation
Decarbonizing the energy sector20
Innovative methods and decision-support tools for a Just Transformation21
Protecting and promoting the right to a safe, clean, and healthy environment24

#### IAIA SECTIONS AND GENERAL TOPICS STREAMS

Academia	24
Agriculture, forestry, and fisheries	25
Biodiversity and ecology	25
Climate change	26
Cultural heritage	26
Disasters and conflict	26
Emerging technologies	27
Governance and implementation systems	27
Indigenous peoples	27
Social impact assessment	27
General impact assessment	28

#### SPECIAL TO IAIA

Meet the editor	۲	29

As a courtesy to all speakers and to help reduce disruptions, we kindly ask that you remain in the session you're attending for all presentations. Thank you for your consideration.

\* Technical visit participants A, B, C, D, and H: Please meet in the main foyer of the CCD a minimum of 15 minutes prior to departure.

\*Technical visit participants E, F, and G please meet at the front (outside) of the CCD.

# Technical program overview



			Conc	urrent session	
	Auditorium	Wicklow Hall 1	Wicklow Hall 2A	Wicklow Hall 2B	Liffey Hall 2
Wednesday	y 24 April				
13:00-14:30	Opening plenary				
15:00-16:30		Opportunities for international development cooperation to go beyond "do no significant harm" (p23)	IAIA principles for artificial intelligence in impact assessment (p27)	Connecting people and planet: Respecting the environment and human rights (p24)	Relevance of Indigenous knowledge and perspectives for Just Transformation (p18)
Thursday 2	5 April				
09:00-10:30	Declaration on the rights of people affected by Development-Forced Displacement and Resettlement (DFDR) (p9)	From the top down: Are regional assessments the key to sustainability? (p9)	Rethinking climate change: IA for a resilient and Just Transformation (p9)	Strategic environmental assessment in mining for a Just Transformation (p9)	
11:00-12:30		Meaningful public participation in impact assessment (p16)	Principles for social inclusion through impact assessment: Rapid draft (p14)	Strategic environmental assessment for a Just Transformation (I) (p14)	Innovative data sharing and governance for a Just Transformation (I) (p22)
14:00-15:30		Impact assessment and adaptive management for climate change (I) (p15)	Remember the intangibles and spiritual values for a just transition (p18)	Strategic environmental assessment for a Just Transformation (II) (p14)	Innovative data sharing and governance for a Just Transformation (II) (p22)
16:00-17:30		Impact assessment and adaptive management for climate change (II) (p15)	How can nature-based approaches be promoted before impact assessment? (p19)	Strategic environmental assessment for a Just Transformation (III) (p14)	The role of governments in a Just Transformation (p16)
Friday 26 A	pril				
09:00-10:30	What role does IA play in a responsible exit from the fossil fuel sector? (p10)	Indigenous perspectives on a Just Transformation (I) (p10)	IAIA in 2050: Exploring Fit for Future (3F) Initiative concepts (p10)	The SEA Directive in EU, 20 Years on: Implementation and effectiveness (p10) Sponsored by EPA, Ireland	
11:00-12:30		Indigenous perspectives on a Just Transformation (II) (p17)	The role of EIA practitioners in a Just Transformation (p15)	Practical cases on cumulative impact assessment in the Global South (p29)	Human rights impact assessment for a just transition (I) (p12)
14:00-15:30		Indigenous perspectives on a Just Transformation (III) (p17)	Psycho-social impact assessment to help make transformation more just (14)	The role of impact assessment in protecting and enhancing heritage (p26)	Human rights impact assessment for a just transition (II) (p12)
16:00-17:30		Indigenous perspectives on a Just Transformation (IV) (p17)	What have you done for me lately? Effectiveness in health impact assessment (p24)	Streamlining environmental assessments to enable transformation (p14)	
Saturday 2	7 April				
09:00-10:30	Post-ESIA contractor management and value creation: What drives success? (p11)	The future of the IA profession: Transition or transformation? (I) (p11)	Toward a Just Transformation: Insights and lessons for impact assessment (p11)	Developing an IAIA agenda for SEA action toward a Just Transformation (p11)	
11:00-12:30		The future of the IA profession: Transition or transformation? (II) (p14)	Environmental management strategies and ethical professional practice for a Just Transformation (p29)		Anishinaabe Law: Harmonization and the role of UNDRIP (p27)
14:00-15:30		IA and due diligence for sustainable transformation of large projects (p13)	Meet the editor (p29)		Reflecting Indigenous knowledge for a Just Transformation in impact assessment (p18)

# **Technical program overview**

Liffey MR 1 Liffey MR 2 Liffey MR 3 EcoCer	n
V	Vednesday 24 Apri
	13:00-14:30
The power of communication! (p29)What is the role of social and environmental practitioners to provide guidance to boards? (p27)Impact assessment: Enabling or constraining sustainable energy transitions? (p20)Supporting the t toward a holistic as: cultural rig (p10)	sessment of
	Thursday 25 Apri
	09:00-10:30
Iments ershipESG and impact assessment for critical minerals in a Just Transformation (p12)Sustainable finance and impact assessment in the EU (p27)Economic impact assessment (p28)Just transition transformation of and maritin (p13)	the coast
n hental and rare earth elements supply chain (p21) Sustainable finance and impact assessment linkages at a global scale (p21) (p27) Compliance/Enforcement for (p12) No longer on n Toward social an justice in SWN (p12) (p12)	nd climate
lative th s SIA in achieving sustainable development (p21) Accountability, impact assessment and their capacity to transform projects (p12) Accountability, impact a benefit-sharing contributions to a just transition (p20) Accountability, impact a just transition (p20) Accountability, impact a just transition (p20) Accountability, impact a just transition (p20)	A: EU too
	Friday 26 Apri
	09:00-10:30
Environmentally, socially and economically just carbon neutrality (I) (p20) Brainstorming best practice IA principles for extraterrestrial developments (p12) Disasters, conflict and impact assessment: Experiences and lessons (I) (p26) How prepared next-generation energy megapro (p16)	renewable ojects? (I)
impact for 17) neutrality (II) ntional (p20) (p27) (p20) (p20) (p27) (p20) (p27) (p20) (p27) (p20) (p27) (p27) (p20) (p27) (p20) (p27) (p20) (p27) (p20) (p27) (p20) (p2	ble energy
mpact Using social impact assessments as a policy tool to guide just transition (p15) Disasters, conflict and impact assessments (III) Disasters, conflict and impact assessment: Experiences and lessons (III) (p27) (p28)	l beliefs of
	Saturday 27 April
	09:00-10:30
hatial Impact assessment research and teaching in higher education (I) (p24) IA for better policy making: Current trends and new methods (I) (p22) Consideration of climate change in impact assessment of different countries (I) (p26) Regional cumulat assessment to sup Transformati (p23)	oport a Just
hatial III mpact assessment research and III IA for better policy making: (p25) Current trends and new methods (II) (p22) (p26) (III) (IIII) (III) (II	port a Just
	16:00-17:15

# Technical program overview



	Wicklow MR 1	Wicklow MR 2	Wicklow MR 3	Wicklow MR 4	Wicklow MR 5
Wednesday	y 24 April				
13:00-14:30					
15:00-16:30	Ensuring Just Transformation of infrastructure projects (I) (p21)	Synergies of impact assessment and circular economy (p23)	Benefit-sharing for a fair and Just Transformation (p16)	Nature-positive outcomes through a Just Transformation (p19)	Effective use of IA tools and partnerships to protect climate and biodiversity through just transition (p18)
Thursday 2	5 April				
09:00-10:30					
11:00-12:30	Ensuring Just Transformation of infrastructure projects (II) (p21)	Certification and accreditation in SIA: Opportunities and challenges (p27)	Community benefit sharing funds: Changemakers or appeasement? (p28)	Fair compensation for Just Transformation (p28)	Pathways to biodiversity gain (I) (p25)
14:00-15:30	Ensuring Just Transformation of infrastructure projects (III) (p21)		Equity, justice, and the energy transformation (p12)	Large infrastructures, just transition, and community health and safety (I) (p24)	Pathways to biodiversity gain (II) (p25)
16:00-17:30	Ensuring Just Transformation of infrastructure projects (IV) (p21)	Financing a just transition (p15)	Impact assessments and just energy transformation in Atlantic Canada (p13)	Large infrastructures, just transition, and community health and safety (II) (p24)	Pathways to biodiversity gain (III) (p25)
Friday 26 A	pril				
09:00-10:30					
11:00-12:30	Methods for handling complexity in Just Transformation (I) (p22)	Addressing mining impacts driven by an energy transition for climate action (p20)	Blue economy, SEA and marine spatial planning (p25)	Making follow-up happen to transform IA practice (I) (p13)	Transitioning to net gain: Effectively achieving and measuring biodiversity (I) (p25)
14:00-15:30	Methods for handling complexity in Just Transformation (II) (p23)	Consideration of wider health determinants in impact assessments (p24)	Marine impact assessments for ecosystem-based maritime spatial planning (p13)	Making follow-up happen to transform IA practice (II) (p13)	Transitioning to net gain: Effectively achieving and measuring biodiversity (II) (p26)
16:00-17:30	Transforming the future of NEPA: Recent U.S. Congressional action (p15)	Climate, energy and agriculture/forestry linkages (p25)	Underwater cultural heritage: Developing approaches and improving data (p26)	Making follow-up happen to transform IA practice (III) (p13)	Al-supported transformation of collecting & processing biodiversity data (p18)
Saturday 2	7 April				
09:00-10:30					
11:00-12:30	Partnerships in impact assessment for a Just Transformation (p17)	Linking urban health and SDGs through impact assessment (p19)	A regional environmental assessment approach to assist decarbonization (p20)	How to conserve biodiversity in climate change mitigation projects (l) (p19)	Toward a just transition for biodiversity offsets (I) (p19)
14:00-15:30				How to conserve biodiversity in climate change mitigation projects (II) (p19)	Toward a just transition for biodiversity offsets (II) (p19)
16:00-17:15			1		

# **Theme forums**

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.

#### THURSDAY 25 APRIL | 09:00-10:30

#### Declaration on the rights of people affected by Development-Forced Displacement and Resettlement (DFDR)

#### Auditorium

Theme forum: Panel discussion Chair(s): Eddie Smyth, Susanna Price

The panelists will discuss the launch of a Declaration on the Rights of People Affected by Development-Forced Displacement and Resettlement (DFDR) which has been developed by a multi-stakeholder group to strengthen the rights of over 10 million+ people who are displaced by projects each year.

#### Panelists

Eddie Smyth, Intersocial Limited (Ireland)

Dolores Koenig, American University (United States)

Kei Otsuki, Utrecht University (Netherlands)

Susan Tamondong, Finnish Consulting Group (Philippines)

Susanna Price, Australian National University (Australia)

#### From the top down: Are regional assessments the key to sustainability?

#### Wicklow Hall 1

Theme forum: Panel discussion Chair(s): Cindy Parker

The session will discuss how regional assessments and associated policies contribute to improved efficiencies in project-specific impact assessments and how regional assessments can be used to inform future decisions on development proposals and long-term sustainability objectives at the regional and national level.

- Sustainability and regional assessment in next generation impact assessment Gibson, Robert
- Alberta and regional impact assessments Fitch, Gavin
- Australia: A "late-bloomer" in regional assessments Cameron, Carolyn
- What a groundbreaking legal victory means for regional assessment in Canada Olszynski, Martin
- Reforming Canada's regional assessments for sustainability and federalism Northey, Rod

#### Rethinking climate change: IA for a resilient and Just Transformation

#### Wicklow Hall 2A

Theme forum: World Café Chair(s): Palash Sanyal, Stacey Fineran Section: Climate Change

This world café will use the IAIA Climate Change Action Plan and latest Status Report to evaluate past accomplishments, propose next steps, and explore the role of IA processes in the context of the nine planetary boundaries. It aims to foster dialogue on future partnerships, reporting standards, and resilient transformations.

### Notes



#### Strategic environmental assessment in mining for a Just Transformation

#### Wicklow Hall 2B

Theme forum: Panel discussion Chair(s): Greg Radford, Joyce Kortlandt

This session discusses the relevance of strategic environmental assessment in the mining sector. The goal of the session is to generate ideas on enhancing the use of SEA in mining for a Just Transformation. A panel will discuss impacts, obstacles and ways to overcome them in SEA for mining.

#### Role of SEA in mining for the energy transition

Radford, Greg

- SEA in mining: addressing obstacles and harvesting benefits Kortlandt, Joyce; Ortega, Carlos; Borelli, Laurie
- SESA of the mining sector in Mongolia Annandale, David
- Strategic environmental and social assessment of the mining sector in Ghana Amoyaw-Osei, Yaw
- The strategic environmental assessment for central Namib uranium rush Hasheela, Israel M.

### FRIDAY 26 APRIL | 09:00-10:30

#### What role does IA play in a responsible exit from the fossil fuel sector?

#### Auditorium

Theme forum: Paper session Chair(s): Janet Blackadar

As we move to decarbonize the energy sector to address global climate change we must ensure that proponents are able to achieve a responsible exit from the sector, while at the same time balancing the long term requirements for closure and monitoring of facilities and the concomitant social impacts of their exit.

#### A just transition: For whom?

Bester, Vidette; Edwards, Jessica

IA is crucial for gauging community expectations in the energy transition Brittain, Kate

#### Energy just transition: Chile as a case study

Baranao, Pablo; Llamazales, Soledad

#### Green hydrogen: Pre-ESIA scoping of GW-scale project

Wagner, Jay; Jones, Murray

#### Indigenous perspectives on a Just Transformation (I)

#### Wicklow Hall 1

Theme forum: Paper session Parts II, III, and IV of this session take place at 11:00, 14:00, and 16:00 in Wicklow Hall 1 Chair(s): Diana Lewis, Dyanna Jolly Section: Indigenous Peoples

Presenters share experiences on how to engage with Indigenous Peoples as rights holders and not stakeholders, and not always as vulnerable communities. They will explore transformative engagement through case studies that are motivated by the desire to form relationships with communities and ensure IA makes a difference in those communities.

Is our drinking water safe? How two First Nations answered this question Davies-Flett, Callie; Olsgard, Mandy

Conducting health impact assessment guided by Indigenous ways of life Olsgard, Mandy; Wells, Carmen

Developing models of Indigenous-led environmental health risk assessment Castleden, Heather; Lewis, Diana; Luginaah, Isaac; Masuda, Jeff; Richmond, Chantelle; Banjoko, KG; Wells, Carmen; Lepine, Melody; Doxtator, Gina

**Restoring relationships with the land and water: Indigenous-led remediation** Lamothe, Tara; Morash, Marilyn; Redford, James; Camsell-Blondin, Violet; Kuntz, Janelle; Lapointe, Ugo

#### IAIA in 2050: Exploring Fit for Future (3F) Initiative concepts

#### Wicklow Hall 2A

Theme forum: Solution room Chair(s): Weston Fisher

Concept and option papers on proposed Fit for Future initiative actions will be discussed by the Solutions Forum Chair and critiqued by attendees. Results will be used to inform the IAIA Board and help advance implementation of IAIA's Strategic Plan objectives.

### Notes



#### The SEA Directive in EU, 20 Years on: Implementation and effectiveness

#### Wicklow Hall 2B

Theme forum: Paper session Sponsored by EPA, Ireland Chair(s): Andy Fanning, Tadhg O'Mahony

We will explore 20 years of implementation of the SEA Directive in the EU with the aim of sharing experiences on SEA implementation and SEA effectiveness. The session outcomes will be compiled in a set of recommendations to continue advancing SEA effectiveness.

SEA implementation in Ireland: 20 Years of practice, the story so far O'Mahony, Tadha; Wylde, Suzanne: O'Mahony, Cian

SEA at a crossroad: Trends in Austria's transport infrastructure planning Sternath, Felix

Evaluation of the practice of SEA in Germany Hanusch. Marie

Navigating the currents of power of SEA effectiveness

Pereira, Margarida; Polido, Alexandra; Teles, Filipe; Moreno Pires, Sara; Silva, Patrícia; Jalali, Carlos; Rodrigues, Carlos

A dual perspective on the SEA Directive: Legal mandates and sustainability Kjellerup, Ulf; Kørnøv, Lone

Shared experience of SEA implementation from Malta and Ireland Harris, Maryann; Hili, Pierre

### SATURDAY 27 APRIL | 09:00-10:30

# Post-ESIA contractor management and value creation: What drives success?

#### Auditorium

Theme forum: Paper session Chair(s): Eleanor Gill

Environmental and social mitigation and management measures identified during impact assessments are usually tied to projects, and handed over to contractors to implement. This session discusses innovative methods that drive success in post-ESIA implementation, including contractor management, inclusion planning, and value creation.

From plans to practice: Improving post-ESIA implementation in AlUla, KSA Lyons, Anna

Contractor management post updating the KDRP ESIA

Sata, Mwelwa; Ziduche, Phillip

Successful ESIA compliance: Detailing E&S measures from bid to completion Green, David

Social value through localization: Canada and South Africa case studies Gill, Eleanor; Levesque-Thomas, Courtney; De Wet, Suzette

#### The future of the IA profession: Transition or transformation? (I)

#### Wicklow Hall 1

#### Breakouts: Wicklow Meeting Room 1, Wicklow Meeting Room 2, Wicklow Meeting Room 3

Theme forum: Workshop Part II of this session takes place at 11:00 in Wicklow Hall 1

Chair(s): Rufus Howard

Technological advances and rapid social change are resulting in transition and transformation for the IA profession. In this workshop experts and academics will reflect on the state of the IA community of practice and invite participants to take part in debates on the future of the IA profession.

Advancing E&S IA for operations at the World Bank with AI technology Song, Hak Joo; Diallo, Elhadji Amadou Oury

- Initiatives to respond to evolving environmental and social learning needs Khalil Gomez, Aida
- EIA governance in Northern Ireland: Enhancing professionals for the future Fothergill, Josh
- **Our role: From environmental assessors to environmental influencers** *Randall, Jeremy*

#### Future of the IA profession in the public sector Parker, Nicola

# Toward a Just Transformation: Insights and lessons for impact assessment

#### Wicklow Hall 2A

Theme forum: Panel discussion Chair(s): Jack Krohn

In a Hypothetical format, a fictional state called "Just" will explore the practical challenges of transformation. What can impact assessment and its practitioners offer to enhance the process of transformation for Just? Join its citizens in this interactive session, and take its lessons into the rest of your IAIA24 experience.

#### Panelists

Doris Kiwelu, Tanzania Women in Energy (Tanzania)

**Miguel Repas Goncalves, STRIX (Portugal)** 

Natasha Reifschneider, ESA2 Pty Ltd (Australia)

Sandra Mols, Sweco AB (Sweden)

Peter Nelson, PGF Limited (United Kingdom) and Jack Keogh

#### Developing an IAIA agenda for SEA action toward a Just Transformation

#### Wicklow Hall 2B

Theme forum: Workshop Chair(s): Rob Verheem

In 2021 Barry Sadler and Rob Verheem started an initiative to take stock of 25 years of SEA experience. Tapping the wisdom of selected SEA experts and the wider IAIA community, this has resulted in a first draft IAIA SEA agenda for action. This draft will be discussed at IAIA24.

#### Notes

#### THE ROLE OF IMPACT ASSESSMENT IN A JUST TRANSFORMATION

### Accountability, impact assessment and their capacity to transform projects

#### Thursday 25 April | 16:00-17:30 | Liffey Meeting Room 2 World Café

Chair(s): Victoria Marquez Mees

Development finance relies on impact assessment to prevent harm. However, community complaints show that current practices are not addressing the impacts' longer time horizon, limiting communities' capacity to make informed decisions on their future. Accountability mechanisms and experts will discuss the future of ESIA through the lens of accountability.

# Brainstorming best practice IA principles for extraterrestrial developments

#### Friday 26 April | 11:00-12:30 | Liffey Meeting Room 2

Workshop Chair(s): Steve Mustow Section: Emerging Technologies

IAIA is developing Best Practice Principles on IA of Extraterrestrial Activities. These will set the benchmark for practice and support a Just Transformation as humanity becomes a multi-planetary species. The workshop will include presentations by a multi-national working group and a discussion to enhance the Principles.

# Compliance/Enforcement for transformative ESIA project impact management

#### Thursday 25 April | 14:00-15:30 | Liffey Meeting Room 3

Panel discussion Chair(s): Bryony Walmsley

Section: Governance and Implementation Systems

The session includes paper presentations and panel discussion for participant engagement structured to elaborate the 5 principles in IAIA's recently-published Best Practices Principles on EsIA Compliance and Enforcement and FasTips #25 (Compliance and Enforcement) with additional example lessons and best practices.

The role of environmental auditing in compliance monitoring in South Africa Meyer, Theunis

Striking a balance between conservation and development: Does ESIA matter? Namara, Justine

Risks of mining scope creep in Canada through a modern mineral rush

Collison, Ben; Westwood, Alana; Mines, Sasha

Reformatting institutional roles for committed EA compliance/enforcement Amoyaw-Osei, Kojo Ofori; Amoyaw-Osei, Yaw

Expert systems on environmental decentralized licensing in Brazil Glasmeyer, Sergio; Diogenes, Alysson

#### Equity, justice, and the energy transformation

Thursday 25 April | 14:00-15:30 | Wicklow Meeting Room 3

Panel discussion

Chair(s): Richard Parsons, Madeline Taylor

This session invites contributions to discuss the concept and practice of equity in social impact assessment. SIA is commonly framed as a vehicle for addressing inequities and social vulnerabilities. How can we achieve equity and justice in the context of rapid industrial development such as the renewable energy transition?

#### Embedding justice in the Australian

energy transition Taylor, Madeline

SIA: A tool to project future societal changes and guide closure planning Dingley, Karen

Social inclusivity for climate adaptive approaches for climate justice Parikh, Madhuri

Analysis of the influencing factors for enhancing social license to operate Suwanteep, Kultip

Why fairness requires a process and an outcome Teh, Katherine

## ESG and impact assessment for critical minerals in a Just Transformation

Thursday 25 April | 11:00-12:30 | Liffey Meeting Room 1 Paper session

Chair(s): Allie Ommer

ESG and Impact Assessment contain critical tools for those funding, legislating and developing critical minerals projects. In this session we will use case studies to highlight challenges and lessons learned in linking ESG targets with impact assessment studies in global mining projects.

#### The role of IA in delivering South Australia's critical minerals strategy Zeman, Nathan

Digging deep: Raw materials and storage

for the German energy transition Biehl, Juliane; Köppel, Johann; Geißler, Gesa; Neugebauer, Julia

Integrating nature and social sustainability into ESG for a just transition *Gurkan, Asli; Hart, Tracy* 

Share your thoughts on a session or the day's events by tagging **#iaia24** on Twitter, Facebook, and Instagram!

Public sector participation and resettlement in impact assessment Sharma, Bhupendra

Using IA and HRDD to redefine "safe management of tailings facilities" Joyce, Susan

Recharging community consent: Operationalizing FPIC in impact assessment Stefani, Roberto

## Human rights impact assessment (HRIA) for a just transition (I)

#### Friday 26 April | 11:00-12:30 | Liffey Hall 2 Caravan

Chair(s): Gabriela Factor, Tulika Bansal

Human rights impact assessment can help strengthen the JUST of the transition. In this caravan session, we will discuss different approaches to human rights assessments over the whole value chain of renewable energy and reflect on the human rights impacts, opportunities and challenges of the transition.

### Developing an HRIA for a bauxite mine in Guinea

Tomlinson, Kathryn

Supply chain due diligence: Lessons from DFIs in renewable energies Ruiz Alvarado, Mariana

#### SWIA of wind energy in La Guajira, Colombia: Scoping phase analysis

Arango, Viviana; Rincon, Valentina

### Eletrobras and the first ever HRIA of a hydro power plant in Brazil

Villela Capanema Garcia, Pedro

#### Human rights impact assessment (HRIA) for a just transition (II)

#### Friday 26 April | 14:00-15:30 | Liffey Hall 2

Caravan Chair(s): Gabriela Factor, Tulika Bansal

Human rights impact assessment can help strengthen the JUST of the transition. In this caravan session, we will discuss different approaches to human rights assessments over the whole value chain of renewable energy and reflect on the human rights impacts, opportunities and challenges of the transition.

Lessons from biofuels and regenerative agriculture HRIAs Gibbons, Steve

HRIA of artificial intelligence technology development and application: Emerging practice and coming regulation Veiberg, Cathrine Bloch

Just transition and the need for assessment of positive human rights impacts Symington, Andy

How dialogue enables us to make favorable decisions for a just transition Oyanader, Karol; Arellano, Javiera

# IA and due diligence for sustainable transformation of large projects

#### Saturday 27 April | 14:00-15:30 | Wicklow Hall 1

Paper session Chair(s): Heikki Kalle

This session aims to explore the role of IA in due diligence (an instrument for investment decisions and financing) and vice versa. We will discuss good practice examples and experiences on the topic DD and IA for sustainable transformation of large projects.

Exploring IA and due diligence for sustainably transforming large projects Kalle, Heikki; Faith-Ell, Charlotta; Arts, Jos

Let the facts guide us: Tips and tricks for true independence Scott-Brown, Miles; Quintero, Juan David

Transforming practice in ESDD for the Global Biodiversity Framework Le Gouais, Phil

Tough standards and soft audits to improve post-ESIA project performance Hall. Patrick

### Impact assessments and just energy transformation in Atlantic Canada

#### Thursday 25 April | 16:00-17:30 | Wicklow Meeting Room 3 Paper session

Chair(s): Ian Stewart, Leah Fusco

Coastal and marine resources offer abundant opportunities for energy transitions as we diversify energy sources and technological pathways. What role can impact assessments play in just and equitable energy transitions and societal transformations? This session reports on diverse experiences and lessons learned from Atlantic Canada.

GBA+ in offshore energy development planning in Atlantic Canada

Fusco, Leah; Knott, Christine; Howse, Tara

Considerations for equity impact assessment for energy development Singh, Gerald; Fusco, Leah

Fishing vs tidal energy: Lessons learned from IAs in Canada's Bay of Fundy Milley, Christopher

Inshore fish harvesting versus offshore wind development: Pathways forward Stewart, Ian; Porter, Lyle

## Just transition and transformation of the coast and maritime

#### Thursday 25 April | 11:00-12:30 | EcoCem

Paper session Chair(s): Louise Davis

This session discusses the approach and learnings within different countries with regards to the rising challenges related to transition of marine and coastal economies and adaptation and mitigation to climate change.

Evolution of the UK Transmission System: Challenges and opportunities in IA Walker, Ed

Just transition and stakeholder engagement: Wind offshore experience in Italy Schirinzi, Elena; Valery, Michele

The impact of hard structures to mitigate coastal erosion in protected area Kang, Jihyun; Seo, Changwan

# Making follow-up happen to transform IA practice (I)

Friday 26 April | 11:00-12:30 | Wicklow Meeting Room 4 Paper session Chair(s): Jos Arts, Angus Morrison-Saunders

The aim of this paper session is to share and discuss good practices of IA follow-up worldwide. Participants are invited to discuss effective methods or approaches, and to reflect on making IA follow-up happen.

#### Making follow-up happen to transform IA practice Arts, Jos; Morrison-Saunders, Angus

#### How often are follow-up programs

implemented in Canada?

Mackay, Cathy; Johannesen, Daryl

#### Effectiveness criteria for EIA follow-up governance at the macro level

Smith, Charlene

## Post-approval performance of 232 licensed projects: Toward low efficiency?

Fonseca, Alberto; Serrano, Alessandra

#### Making follow-up happen to transform IA practice (II)

#### Friday 26 April | 14:00-15:30 | Wicklow Meeting Room 4 Paper session

Chair(s): Jos Arts, Angus Morrison-Saunders

The aim of this paper session is to share and discuss good practices of IA follow-up worldwide. Participants are invited to discuss effective methods or approaches, and to reflect on making IA follow-up happen.

#### Follow-up and the new Environmental

and Planning Act in the Netherlands van der Gun, Wout; Vernij, Susan; de Maat, Sophie; van Ravesteijn, Maartje

#### Functions and status of follow-up

in Finnish EIA legislation Kärkkäinen, Anni

Follow-up on environmental clearances granted in India: A case study Saini, Randeep Singh

#### Enforceable commitments and more accountability in ESIA Follow-up Ozay, Leyla; Opinde, Godwin

# Making follow-up happen to transform IA practice (III)

#### Friday 26 April | 16:00-17:30 | Wicklow Meeting Room 4

Paper session Chair(s): Jos Arts, Angus Morrison-Saunders

The aim of this paper session is to share and discuss good practices of IA follow-up worldwide. Participants are invited to discuss effective methods or approaches, and to reflect on making IA follow-up happen.

Environmental license review in Chile: Causes, solutions, and challenges

Pérez, Cristian

#### Impacts on biodiversity and expected

inputs to management from monitoring Takahashi Margarido, Natália; Ribeiro Souza, Larissa; Kakinami, Sueli Harumi; Sánchez, Luis Enrique

Assessment of Bui Hydroelectric Project impact mitigation measures in Ghana Tankpa, Vitus; Ocansey, Joyce

#### Marine impact assessments for ecosystembased maritime spatial planning

### Friday 26 April | 14:00-15:30 | Wicklow Meeting Room 3

Paper session Chair(s): Don Maynard

To ensure the sustainable delivery of ecosystem goods and services and safeguard our future, it is essential to minimize, mitigate and manage the full range of impacts affecting marine ecosystems. This session will discuss, examine and demonstrate impact assessment methods of relevance for the sustainable management of our oceans.

#### Activities in protected areas: From impacts to value components

Martel, Marie-Claude

Cumulative effects assessment for Ireland's marine spatial planning process Morejón, Virginia; González Del Campo, Ainhoa

# Facilitating an integrated assessment of impacts in marine multi-use

Van Gerven, Annaïk

#### Adaptive coastal development

management: Red Sea turtle nesting McGrath, David; Smith, Yanni; Raees Khan, Shah; Sheikh, Kashif: Aldrees. Yara

#### Integrating EB-MSP and EBSA

criteria in Celtic Sea planning Mzungu Runya, Robert; O'Sullivan, Denise; Nic Aonghusa, Caitriona; Reid, David

# Principles for social inclusion through impact assessment: Rapid draft

#### Thursday 25 April | 11:00-12:30 | Wicklow Hall 2A

Workshop Chair(s): Sara Bice, Emerson Sanchez Section: Corporate Stewardship and Risk Management

Join your quick-thinking colleagues as we rapid draft Principles for Social Inclusion through Impact Assessment to support a fair and Just Transformation. This interactive workshop begins with two case studies to ground us in practice, then guides participants through a rapid solutions-focused drafting process to agree on principles to support thriving communities. Count me in!

### Role of key actors for an effective license instrument in Argentine agro

Santomauro, Melina Gisela; Cañada, Pablo; Cattaneo, Carlos; Bona, M. Victoria; Bencuya, Julieta; Iacovo, M. Laura

### Mitigating the impacts of the energy transition on vulnerable communities

Abraham, Etisang

#### Psycho-social impact assessment to help make transformation more just

#### Friday 26 April | 14:00-15:30 | Wicklow Hall 2A

Paper session Chair(s): Will Rifkin, Sergio Moreira

Psycho-social impact assessment (PSIA) helps navigate the complex environmental, social, economic and health effects of transformations necessitated by climate change, biodiversity loss and energy transitions. This session explores how PSIA can promote not only community resilience and adaptive capacity but also social justice.

Considering psycho-social impacts as part of transformation: A case study Fairbairn, Catherine

Meaningful mitigation in a more just world Carthew, Ruaraidh; MacDonald, Alistair

Recognizing cultural dimensions in psycho-social impact assessment Ross, Helen

Adverse impacts for native Hawaiians from renewable geothermal energy Edelstein, Michael

Identity-based approaches to psychosocial impact assessment Klein, Eden; Sadiq, Somia

#### Strategic environmental assessment for a Just Transformation (I)

#### Thursday 25 April | 11:00-12:30 | Wicklow Hall 2B

Paper session

Chair(s): Thomas Fischer, Ainhoa González Del Campo

Contributions are invited on the application of Strategic Environmental (and Social and Health) Assessment (SEA) of and in strategies, policies, plans and programmes that support a Just Transformation. Strategic environmental assessment scoping study on the use of gene drive Agarey, Kofi; Knoblauch, Astrid; Fischer, Thomas

Health impact assessment in SEA in Italy: State of the art and perspectives Cavanna, Valentina

### Heritage in SEA: Integrated decision making in the Harrat Uwayirid (KSA)

Ritchie, Sarah; Morabito, Laura; Korpijaakko, Carla

## Strategic environmental assessment for a Just Transformation (II)

#### Thursday 25 April | 14:00-15:30 | Wicklow Hall 2B

Paper session

Chair(s): Thomas Fischer, Ainhoa González Del Campo

Contributions are discussed on the application of strategic environmental (and social and health) assessment (SEA) of and in strategies, policies, plans and programmes that support a Just Transformation.

Tiering biodiversity from SEA to EIA Bond, Alan; Gallardo, Amarilis Lucia Casteli Figueiredo

A critical evaluation of the effectiveness of SEA in Thailand Viwatrujirapong, Pichayut

Strategic environmental assessment for urban systems transformation Polido. Alexandra

Learning from innovative approaches to enhance public participation in SEA Vargas Castro, Gloriana

# Strategic environmental assessment for a Just Transformation (III)

#### Thursday 25 April | 16:00-17:30 | Wicklow Hall 2B

Paper session Chair(s): Thomas Fischer, Ainhoa González Del Campo

Contributions are discussed on the application of strategic environmental (and social and health) assessment (SEA) of and in strategies, policies, plans and programmes that support a Just Transformation.

### SEA in energy sector: Two different approaches from Iberian Peninsula

Rocha, Cecilia; Batista, Luísa; Matos, Nuno; Fonseca, Margarida; Conceição, Paulo

#### Conflict management suggestions for

the extension of renewable energy Jung, Jong-Gwan; Ryu, Jae Keun; Lee, Grace; Namgung, Hyung

# Using SEAs to include coal power stations earmarked for decommissioning

Adams, Abulele; Lochner, Paul

#### Toward a just water transformation: The SEA imperative

Medonos, Simone

# Streamlining environmental assessments to enable transformation

#### Friday 26 April | 16:00-17:30 | Wicklow Hall 2B

Paper session Chair(s): Steve Bonnell

Explores approaches and experiences in streamlining project Environmental Assessment, with a focus on enabling and expediting the energy transition.

#### Canada's approach to increase regulatory

efficiency for clean growth projects Moore, Wesley

#### Evaluating just administrative action for improving water use authorization Moolman, Jurie; Alberts, Reece Cronje

New EIA regulation in Portugal: A step backward Lameiras, Marqarida; Jesus, Júlio

Streamlining IA: Focusing on projectspecific issues and IA-derived outcomes Bonnell, Steve

#### The future of the IA profession: Transition or transformation? (II)

#### Saturday 27 April | 11:00-12:30 | Wicklow Hall 1

Theme forum: Workshop Chair(s): Rufus Howard Part I of this theme forum workshop takes place Saturday 27 April at 09:00-10:30 in Wicklow Hall 1

Technological advances and rapid social change are resulting in transition and transformation for the IA profession. In this workshop experts and academics will reflect on the state of the IA community of practice and invite participants to take part in debates on the future of the IA profession.

#### Digital impact assessment: The

future of the industry? Niehorster, Ella; Jenkins, Emma

View from academia

Durning, Bridget

IA transformation: EBRD experience Cousins, Debbie

The importance of training the new IA champions João, Elsa

Opportunities and challenges: Perspectives from the multi-disciplinary world Hunt, Matthew

# The role of EIA practitioners in a Just Transformation

#### Friday 26 April | 11:00-12:30 | Wicklow Hall 2A

Panel discussion Chair(s): Julio Jesus

This session aims to discuss the role of EIA practitioners and the conflicts between being a "neutral" assessor of the impacts of a project and having a collaborative attitude towards the project, improving its sustainability.

#### Panelists

Jan Nuesink, e-Lekstroom cooperative U.A. (Netherlands)

Iñigo Sobrini, ICMA SL (Spain)

Júlio Jesus, Júlio de Jesus Consultores, Lda. (Portugal)

#### Transforming the future of NEPA: Recent U.S. Congressional action

incectit of of Congression and action

Friday 26 April | 16:00-17:30 | Wicklow Meeting Room 1 Panel discussion Chair(s): Michael Smith

This session provides a summary of the first major amendments ever made in over 50 years to the United States National Environmental Policy Act (NEPA) with the signing of the Fiscal Responsibility Act (FRA) in 2023, and will discuss whether these changes will transform impact assessment practice in the U.S.

#### History of efforts to reform the NEPA impact

assessment process in the United States Smith, Michael D.

The Fiscal Responsibility Act's substantive NEPA amendments

Boling, Edward

### The U.S. regulatory proposals, transforming the future of impact assessment

Hudson, Pam

## Using social impact assessments as a policy tool to guide just transition

#### Friday 26 April | 16:00-17:30 | Liffey Meeting Room 1

Panel discussion Chair(s): Kevin Tomlinson, Neelanjana Gupta

The just transition agenda in India is complex because of high informality and coal dependence. This session presents findings from an assessment of the potential impacts of coal transition in Jharkhand, India, while panelists discuss how such assessments can be used to create just transition plans for developing economies.

#### Panelists

Soumya Kapoor Mehta, The World Bank (India)

Wolfhart Pohl, The World Bank (Austria)

Sandeep Pai, Swaniti Global (United States)

#### THE CONTRIBUTION OF IMPACT ASSESSMENT TO CLIMATE JUSTICE

#### **Financing a just transition**

Thursday 25 April | 16:00-17:30 | Wicklow Meeting Room 2 Panel discussion

Chair(s): Joana Pedro

Ensuring a just transition is crucial for ambitious climate change mitigation and adaptation. Financial sector plays a major enabling role in insuring a Just Transition. This session will highlight how Impact Assessment methodologies and tools can support FIs on the achievement of a Just Transition that leave no one behind.

### Innovative approaches to quantify and rank environmental priorities

Mahmoud Hamed, Maged; Afzal, Javaid; Sanchez-Triana, Ernesto; Gomes, Ana Luisa; Ochoa, Martin; Tiffer-Sotomayor, Ruth

#### Financing green, financing it right Skotareva, Olga

Financing NbS for a just transition: Bamboo afforestation in Hong Kong Mok, Yoyo

Increasing Indigenous perspectives in baseline studies: Braiding knowledges O'Donnell, Shyla; McGathey, Andrea

Key ideas and challenges to deploy the appropriate E&S team for hydropower Tomasino, Michel

### Impact assessment and adaptive management for climate change (I)

#### Thursday 25 April | 14:00-15:30 | Wicklow Hall 1

Paper session Chair(s): Guoqing Shi, Chen Chen

Technologies and policies aiming to address climate change become a significant focus, while less attention has been given to its social and institutional implications. Thus, impact assessment and adaptive management should be adopted by various stakeholders to address social, economic, environmental, and institutional issues.

#### What's new and what's missing: China's

**new regulation of investment project** Wang, Gang; Chen, Chen; Cao, Yaqi

The value of the new SIA Framework for Action in enhancing climate planning Imperiale, Angelo Jonas

# SI of establishing national parks: Evaluation of typical local communities

Zhang, Yuqi

### ESIA of infrastructure development projects in the context of climate change

Tao, Siji; Shi, Guoqing

## Impact assessment and adaptive management for climate change (II)

#### Thursday 25 April | 16:00-17:30 | Wicklow Hall 1 Paper session

Chair(s): Guoging Shi, Chen Chen

Technologies and policies aiming to address climate change become a significant focus, while less attention has been given to its social and institutional implications. Thus, impact assessment and adaptive management should be adopted by various stakeholders to address social, economic, environmental, and institutional issues.

#### Climate change risk assessment in ESIA: Methodological and practical issues

Mezzalama, Roberto; Villata, Cristian; Dragan, Massimo; Grassi, Jacopo

Climate financing: Achieving impacts with sustainable financing policy Xiao, Jianliang

Proposal for adaptive management of offshore wind power projects in Japan Takeuchi, Ayano

From order to reorder: Assessment of the living environment of hydropower resettlement Shi, Guoqing; Zhao, Yuanke



Meeting and work space is available on a first-come, first-served basis 24-27 April 09:00 - 17:30 in Liffey Boardroom 2

# FROM JUST TRANSITION TO JUST TRANSFORMATION

# Benefit-sharing for a fair and Just Transformation

#### Wednesday 24 April | 15:00-16:30 | Wicklow Meeting Room 3 Panel discussion

Chair(s): Carlos Perez Brito

Join our session to learn about and discuss the latest developments and approaches to benefit-sharing for renewable energy and beyond, including new schemes involving Indigenous peoples. You'll leave this interactive session with a better understanding of how benefit-sharing can be achieved and the ways in which impact assessment can support these efforts.

#### The role of community benefit agreements

in achieving Just Transformations Gunton, Thomas

Gunton, Inomas

Extracting fair equitable benefits from natural resources for communities Kamau, Teddy

We lived this way before: Clean energy leadership in Tobique First Nation

Pirie-Wilson, Tanna; Walker, Chad; Lewis, Diana

## How prepared is IA for next-generation renewable energy megaprojects? (I)

Friday 26 April | 11:00-12:30 | EcoCem Paper session

Chair(s): Aaron Goldschmidt

IA can clearly play a role in helping advance the reduction of effects of global climate change through expedited and comprehensive evaluations of the next generation of emerging green energy projects and programs. Is IA prepared to identify and mitigate potential collateral social costs in evaluating current unknowns?

Achieving a Just Transformation in Australia's renewable energy zones Harwood, Sharon; Blair, Dave

IA for megaprojects: It must start with effective stakeholder engagement Murphy, Marissa

Challenges for impact assessment in offshore wind energy development Grigoletto Duarte, Carla; Ana Paula, Dibo; Juliana, Siqueira-Gay; Regina Denadai, Márcia; Turra, Alexander; Enrique Sánchez, Luis

#### Regulatory efficiency for clean growth

projects: Canada's approach Orenstein, Marla

# How prepared is IA for next-generation renewable energy megaprojects? (II)

#### Friday 26 April | 14:00-15:30 | EcoCem

Paper session Chair(s): Aaron Goldschmidt

IA can clearly play a role in helping advance the reduction of effects of global climate change through expedited and comprehensive evaluations of the next generation of emerging green energy projects and programs. Is IA prepared to identify and mitigate potential collateral social costs in evaluating current unknowns?

#### Managing impacts related to electrolysers

and green hydrogen supply chain Paginu, Violeta; Hoencamp, Taco

#### Learning from the frontline: 15 years of marine energy megaprojects Pizzolla, Paolo

## Meaningful public participation in impact assessment

#### Thursday 25 April | 11:00-12:30 | Wicklow Hall 1

Paper session Chair(s): Tanya Burdett, Timothy Peirson-Smith Section: Public Participation

This session will provide insights into international best practice frameworks for meaningful public participation in IA. Presentations will focus on best practices for meaningful participation: skills, approaches, tools and will provide an insight into global case studies as examples of meaningful participation.

## The essential elements of meaningful public participation in IA

Sinclair, John; Burdett, Tanya

#### Regulators collaborating and innovating to enhance impact assessment outcomes Abood, Gregory; Thompson, Paul

Public participation in megaprojects Peirson-Smith, Tim

#### Meaningful visual communication in

EIA: Stakeholders' perspectives Roque de Oliveira, Ana; Bento, Sofia; Partidário, Maria; Morrison-Saunders, Angus

Crossing boundaries and jurisdictions: Implications for participation

Fitzpatrick, Patricia; Bond, Alan; Sinclair, A. John

Linking just transition dialogue and impact assessment participation Majekolagbe, Adebayo

# No longer on margins: Toward social and climate justice in SWM sector

#### Thursday 25 April | 14:00-15:30 | EcoCem

Pecha Kucha Chair(s): Harjot Kaur

Through collation of marginalized voices from the sanitation sector, emerging from existing social dialogue and impact assessment tools as well as bringing insights from select promising practices, the aim is to spark new dimensions for delivering climate justice and social inclusion in the solid waste management sector.

### Promoting identity and agency of informal waste pickers as green agents

Vemuru, Varalakshmi; Kaur, Harjot

#### Policy and legal reforms for climate and social justice to waste pickers Kaur, Harjot

# The role of governments in a Just Transformation

#### Thursday 25 April | 16:00-17:30 | Liffey Hall 2

Panel discussion Chair(s): Lindsay Luke

There are many thoughts on what the role of government should be in a Just Transformation. This session provides an opportunity to hear from practitioners with direct experience in First Nation, provincial, and federal governments about governments' role in a just transition and some of the challenges, risks, and opportunities.

#### Panelists

#### Marion Doull, Impact Assessment Agency of Canada (Canada)

Scott Bailey, Beacon Regulatory Solutions Inc. (Canada)

Tracey Ross, Haisla Nation Council (Canada)

#### A JUST TRANSFORMATION FOR INDIGENOUS PEOPLES AND VULNERABLE COMMUNITIES

#### Emerging practices in Indigenousled environmental assessment

#### Thursday 25 April | 14:00-15:30 | Liffey Hall 1 Panel discussion

Chair(s): Rosanne Van Schie, Sara Mainville

Join this session that explores case studies emphasizing Indigenous perspectives on advancing UNDRIP, Indigenous-led impact assessment (IIA), and regulatory support for transformative Indigenous processes. IIA and territorial jurisdiction stem from community connections to their land and laws. IIA revitalizes Indigenous law and jurisdiction, reinvigorating the power of an IA process.

#### EIA in Nigeria 30 years after:

**Challenges and opportunities** 

Lawal, Adegboyega; Suleiman, Abbas; Vincent-Akpu, Ijeoma

Advancing Indigenous-led assessment In Canada Van Schie, Rosanne; Mainville, Sara

Cree Nation of Wemindji: Social impact assessment of Newmont Éléonore Mine Card, Katherine; Wirz-Endrys, Fiona

## Indigenous perspectives on a Just Transformation (II)

#### Friday 26 April | 11:00-12:30 | Wicklow Hall 1

Theme forum: Paper session Part I of this session takes place Friday 26 April 09:00-10:30 | Wicklow Hall 1 Chair(s): Diana Lewis, Dyanna Jolly Section: Indigenous Peoples

Presenters share experiences on how to engage with Indigenous Peoples as rights holders and not stakeholders, and not always as vulnerable communities. They will explore transformative engagement through case studies that are motivated by the desire to form relationships with communities and ensure IA makes a difference in those communities.

### Free, prior and informed consent in practice: What are the key issues?

Hanna, Philippe; Ingles de Souza, Cassio

#### Maneuvering state bureaucracies

to advance Indigenous rights Kløcker Larsen, Rasmus; Funder, Mikkel; Golkar-Dakin (Sâkihitowin Awâsis), Cortney; Hunsberger, Carol; Marani, Martin; Schilling-Vacaflor, Almut

### Infusing Sámi rights claims in legal reviews of hydropower licenses

Inga, Katarina; Kløcker Larsen, Rasmus

#### Impact of mines for the Just

Transformation: Cree EA process McLean, Cameron; Krupa, Anna

#### Role of IA in promoting Inuit rights and just transition in Arctic shipping Galvao Ferreira, Patricia; Seck, Sara

Indigenous impact assessment of large renewable energy projects O'Faircheallaigh, Ciaran

### Indigenous perspectives on a Just Transformation (III)

#### Friday 26 April | 14:00-15:30 | Wicklow Hall 1

Theme forum: Paper session Chair(s): Diana Lewis, Dyanna Jolly Section: Indigenous Peoples

Presenters share experiences on how to engage with Indigenous Peoples as rights holders and not stakeholders, and not always as vulnerable communities. They will explore transformative engagement through case studies that are motivated by the desire to form relationships with communities and ensure IA makes a difference in those communities.

#### Doing relational work in Indigenousled impact assessment

Reitmeier, Veronica; Struminski-Bodden, Antonina; Lewis, Diana

### Indigenous perspectives of health in Canadian impact assessments

Durksen, Lara; Lewis, Diana; Reitmeier, Veronica

#### Integrating Indigenous values into economic impact assessment in Canada Nightingale, Elana; Lewis, Diana

SkAna NA yotye I Áhake` (Peace Will Be Happening) in Oneida Nation of the Thames Thom, Olivia

### Indigenous perspectives on a Just Transformation (IV)

#### Friday 26 April | 16:00-17:30 | Wicklow Hall 1

Theme forum: Paper session Chair(s): Diana Lewis, Dyanna Jolly Section: Indigenous Peoples

Presenters share experiences on how to engage with Indigenous Peoples as rights holders and not stakeholders, and not always as vulnerable communities. They will explore transformative engagement through case studies that are motivated by the desire to form relationships with communities and ensure IA makes a difference in those communities.

#### A transformative framework for socioeconomic cumulative effect assessment

Antwi, Effah; Boakye-Danquah, John

#### Ethnolinguistic minorities in Southern

Angola: Opportunities for inclusion Olmos, Santiago; Begbie-Clench, Benjamin; Bezeredi,

#### Alexandra; Serrat Capdevila, Aleix; Varghese Paul, Boban Monitoring impacts of an all-season road:

#### Indigenous adaptive management

Kuntz, Janelle; Gibson MacDonald, Ginger; Steinwand, Tammy; Steinwand, Tyanna

### Reclaiming Indigenous economic development through participatory action

Matthew, Matthew; Pérez Piñán, Astrid Vanessa

### Just transition informing impact assessment processes for energy transition (I)

#### Friday 26 April | 14:00-15:30 | Liffey Hall 1

Paper session This session is sponsored by Acorn International Chair(s): Vigya Sharma, Rauno Sairinen

This session will bring together papers that discuss the practice of impact assessment (IA) in the critical (or battery) minerals and renewable energy (RE) sector. It focuses on how IAs can be an effective tool to promote the principles of equity, social justice and fairness in these two industries.

### Australian mining of ETMs in South Africa: Curse or blessing?

Ellis Schiemer, L Janelle

Impact assessment for policy insight on battery minerals value chains

Arbelaez Ruiz, Diana Carolina; Lindsay, Jordan

# **Concurrent sessions**

Impacts of EIA and permit streamlining in the context of mining sector Pölönen, Ismo

SIA in coal mining communities: Emerging methodology ramifications Mahoney, Christopher; Ash, Jillian

An energy company's experience in ESHIA for energy transition developments Pareja Fernandez, Paloma

## Just transition informing impact assessment processes for energy transition (II)

#### Friday 26 April | 16:00-17:30 | Liffey Hall 1

Paper session This session is sponsored by Acorn International Chair(s): Vigya Sharma, Rauno Sairinen

This session will bring together papers that discuss the practice of impact assessment (IA) in the critical (or battery) minerals and renewable energy (RE) sector. It focuses on how IAs can be an effective tool to promote the principles of equity, social justice and fairness in these two industries.

#### The role of the Lenders IESC for the world's largest green hydrogen plant Wootton, Oscar

Impacts of floating solar panels: The Magat reservoir as reference case

Nesheim, Ingrid; Clayer, Francois

Consideration of soundscape in Finnish EIA legislation and practice Salonen, Heikki

#### Advancing ESIA for a just transition Slocum, Dean

Impact assessments for just transition outcomes in renewable energy sector Sharma, Vigya

### Partnerships in impact assessment for a Just Transformation

#### Saturday 27 April | 11:00-12:30 | Wicklow Meeting Room 1 Paper session

Chair(s): Danielle Smyth, Meaghan Hoyle

This session explores transformative advances and innovative approaches to establishing and implementing partnerships in impact assessment to support a Just Transformation, including partnerships with Indigenous nations in context of the United Nations Declaration on the Rights of Indigenous Peoples.

Creating relational spaces: Developing the Indigenous Advisory Committee Zeitz, Janice; Olsen, Rachel

Collaborative development of a Northern Canadian regional assessment

Pawley, Kim; Wheler, Brett; Cliffe-Phillips, Mark

Respecting Indigenous governance in impact assessment: A Canadian experience

Smyth, Danielle; Hoyle, Meaghan

Working toward consensus and consent in the Environmental Assessment Act St James, Katherine; Bradley, Kourtney

Vale's social ambition commitments to Indigenous peoples

Andrade, Luana

### Explore with local government how to conduct sustainability assessment

Urago, Akiko; Shibata, Yuki; Uesugi, Tetsuro; Kasagi, Hiroo; Yamamoto, Yoshika

#### Reflecting Indigenous knowledge for a Just Transformation in impact assessment

#### Saturday 27 April | 14:00-15:30 | Liffey Hall 2

Paper session Chair(s): Valerie Masterman

Reflecting Indigenous peoples' worldviews in impact assessment offers an opportunity to accelerate social justice and equality. This session presents examples of Indigenous-led impact assessments and approaches to reflect Indigenous worldviews to support a Just Transformation for Indigenous peoples and vulnerable communities.

A fast and green transition: Are just and fast compatible? Lemieux, Marie-Eve; Grimard, Marie-Josee

Indigenous values in analysis and significance determination for assessment

Hiltz, Jessica; Ward, Jonathan

An Indigenous conceptual model for transformative environmental governance Ignace, Lawrence

#### Reflecting Indigenous perspectives in environmental assessments in BC

Masterman, Valerie; Dickson, Jaimie

Toquaht Nation's approach to impact assessment Murphy, Matthew; Perez Pinan, Astrid

#### Relevance of Indigenous knowledge and perspectives for Just Transformation

#### Wednesday 24 April | 15:00-16:30 | Liffey Hall 2

Paper session Chair(s): Johanne Hanko Section: Indigenous Peoples

This session proposes to present cases and strategies for improving indigenous involvement to the preparation of EIA, including their contribution on baseline, impact identification and environmental management plans, with the aim to strengthen their participation in decision-making processes regarding their territories.

### Indigenous Sámi knowledge in climate impact assessments on reindeer herding

Österlin, Carl; Rosqvist, Ninis; Kjellström, Erik; Vannar, Jonas; Inga, Niila Indigenous-led program to manage cumulative effects in Northern Alberta Berg, Kevan; Faichney, Felix

Indigenous perspectives for a Just Transformation of the mining sector Hanko, Johanne; Evans, Julie

### Remember the intangibles and spiritual values for a just transition

#### Thursday 25 April | 14:00-15:30 | Wicklow Hall 2A

Workshop Chair(s): Ahmed Sanda Section: Indigenous Peoples

We invite IAIA members to discuss how to integrate intangible and spiritual values in impact assessment. We aim at developing a framework to integrate intangible and spiritual values to strengthening Impact Assessment as tool for achieving a just transition.

#### Lending distance to the consideration of alternatives Snow, Andrew

What is the role of intangible and spiritual values in a just transition? Sanda, Ahmed; Mendoza Sammet, Angeles

A polyphonic concept of Just Transformation: Strengthening its agency Lopez Espinoza, Luis Alberto

## Supporting the transition toward a holistic assessment of cultural rights

#### Wednesday 24 April | 15:00-16:30 | EcoCem Panel discussion

Chair(s): Angel Ransom, Jesse McCormick

This facilitated panel discussion explores innovative tools and practices for assessing project-specific and cumulative effects on Indigenous cultural rights, and restitution mechanisms for residual impacts to culture. The session will introduce the FNMPC Cultural Rights and Interests Toolkit and highlight best practices.

#### Spirit of the Land: A cultural impact and restitution toolkit Keller, Kimberley

Spirit of the Land: A cultural impact and restitution toolkit Thomas, Jasmine

Supporting the transition toward a holistic assessment of cultural rights Ransom, Angel

Spirit of the Land: A cultural impact and restitution toolkit McCormick, Jesse

#### PROTECTING BIODIVERSITY: ENHANCING BASELINE AND MONITORING MECHANISMS FOR NATURE-BASED SOLUTIONS

#### Al-supported transformation of collecting and processing biodiversity data

#### Friday 27 April | 16:00-17:30 | Wicklow Meeting Room 5 Workshop

Chair(s): Alexandra Jiricka-Purrer, Birthe Uhlhorn Section: Biodiversity and Ecology

Al will change EA practice: but are we ready for it? A call for discussion based on developments in collecting and processing biodiversity data. In an interdisciplinary workshop we aim at discussing the implications of Al for EA, linking advances from the perspective of biological sciences to environmental assessment.

#### Geospatial technologies as a catalyst for large-scale biodiversity data Sellers, Amy

Using AI for review of automated, remote wildlife camera data Thideman, Dennis

# Effective use of IA tools and partnerships to protect climate and biodiversity through just transition

### Wednesday 24 April | 15:00-16:30 | Wicklow Meeting Room 5

Pecha Kucha Chair(s): Susan Scott Section: Biodiversity and Ecology

What kind of possibilities open-up when IA is used for promoting just transition? What role do partnerships have in this? The session will bring together examples from across the globe that highlight success stories, lessons learnt and will make recommendations for promoting stronger partnerships that make IAs more effective.

### Developing a practical, evidence-based approach to biodiversity protection

Eng, Delaney

### Principles for sound waste management in South African protected areas

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

#### GIS in the context of impact assessments and nature-based solutions

Searle, Eija

Integrated biodiversity assessment tool: Biodiversity and social insights Mistry, Parthav; McKee, Ellen

Gap analysis of biodiversity management legal framework of Kyrgyz Republic Ali, Lulwa; Cauldwell, Andrew

## How can nature-based approaches be promoted before impact assessment?

#### Thursday 25 April | 16:00-17:30 | Wicklow Hall 2A

World Café

Chair(s): Tamara Hochstrasser, Elsie O'Gorman

This world café style session will discuss how the multiple benefits of nature-based approaches to development could better be compared to engineering solutions and incorporated in the planning phases of development and impact assessment process.

# How to conserve biodiversity in climate change mitigation projects (I)

#### Saturday 27 April | 11:00-12:30 | Wicklow Meeting Room 4

Paper session

Chair(s): George Ledec

The world now faces both a climate change crisis and a biodiversity loss crisis. This session will examine how renewable energy, climate-smart agriculture, and other climate change mitigation projects can be located, designed, built, and operated in ways that conserve biodiversity, rather than harming it.

#### Biodiversity sweetspots for greater

protection in Mekong's 3S rivers Meynell, Peter-John

### Winging it with wind farms: Bird flyways in Mpumalanga, South Africa

Luyt, Robyn; Lötter, Mervyn; Cowden, Gavin; Ntuli, Pamella

#### Biodiversity mainstreaming in renewable energy projects in Uganda

Agaba, Mulumba

### Can green hydrogen be produced without significant biodiversity risks?

Hughes, Jessica; McCleland, Warren; Heather-Clark, Stuart; Blood, Jeremy; Moodaley, Dylan

## How to conserve biodiversity in climate change mitigation projects (II)

#### Saturday 27 April | 14:00-15:30 | Wicklow Meeting Room 4 Paper session

Chair(s): George Ledec

The world now faces both a climate change crisis and a biodiversity loss crisis. This session will examine how renewable energy, climate-smart agriculture, and other climate change mitigation projects can be located, designed, built, and operated in ways that conserve biodiversity, rather than harming it.

### Eco-shoreline in Lantau: Nature-based coastal defence and nurturing ground

Lui, Crystal

We can combat climate change and the biodiversity crisis simultaneously Lafferty, Heather

### Protecting biodiversity: Enhancing baseline and monitoring mechanisms

Ziduche, Phillip; Munodawafa, Munyaradzi; Mhlanga, Sithembinkosi; Chisense, Christopher; Nkweendenda, Avitol; Sata, Mwelwa

#### SUSTAINABLE DEVELOPMENT GOALS AND THE JUST TRANSFORMATION

## Linking urban health and SDGs through impact assessment

#### Saturday 27 April | 11:00-12:30 | Wicklow Meeting Room 2 Paper session Chair(s): Emanuel Valpacos

Section: Health The session delves into the intersection of urban health and impact assessments, highlighting the essential role of IAs in enhancing urban health within the context of rapid urbanization. It will cover the universalization of sanitation, PM10 concentration across spatial and temporal scales, and the expansion of walking policies through impact assessment, illustrating how IAs contribute to creating healthier, equitable, and sustainable urban environments.

#### Universalization of sanitation versus

environmental licensing and IA

Rodrigues Ribeiro dos Santos, Mariana; Diniz Lima, Gabriel

PM10 concentration and land uses in different spatial and temporal scales Kim, Jin-Oh; Park, Jeong-II

Widening the scope of walking policies through impact assessment Petit Jean, Maxime

## Nature-positive outcomes through a Just Transformation

#### Wednesday 24 April | 15:00-16:30 | Wicklow Meeting Room 4 Panel discussion

Chair(s): Amrei von Hase

Supporting a Just Transformation by aligning economic development, improved livelihoods, biodiversity conservation, and climate goals is today's defining challenge. We will share international experiences on how policy development and best practice founded on the mitigation hierarchy can contribute to a nature positive future.

Foundations for nature positive: Good mitigation policy and practice von Hase, Amrei

Advances in policy and practice on the mitigation hierarchy in Mozambique Costa, Hugo; Duarte, Eleutério

Bringing local communities as players for biodiversity compensation Cotillon. Suzanne

Ørsted's approach to delivering biodiversity net positive renewable energy Whitaker, Samir; Kristoffersen, Tommy

Biodiversity credits: What are they and how can they be used?

Edwards, Steve

# **Concurrent sessions**

# Toward a just transition for biodiversity offsets (I)

#### Saturday 27 April | 11:00-12:30 | Wicklow Meeting Room 5

Paper session Chair(s): Greg Sharam

The Global Biodiversity Framework from COP15 and corporate no net loss objectives are leading to increased use of biodiversity offsets. A Just Transition of offsetting must consider affected people in the planning and implementation of offsets while the GBF requires reporting of effectiveness of offsets.

#### From concept to implementation: Indigenous

education and ecosystem offsetting Brunham, Wade; Boyle, Erin

#### Social considerations and offsets

Rainey, Hugo; Livingstone, Suzanne; Riddell, Michael; Starkey, Malcolm

# Simultaneously supporting the just transition and biodiversity

King, Virginia; Steinbacher, Joseph

#### Systems thinking and the transformative potential of nature-based solutions Pierce, Magretha; Searle, Eija

## Toward a just transition for biodiversity offsets (II)

#### Saturday 27 April | 14:00-15:30 | Wicklow Meeting Room 5 Paper session

Chair(s): Greg Sharam

The Global Biodiversity Framework from COP15 and corporate no net loss objectives are leading to increased use of biodiversity offsets. A Just Transition of offsetting must consider affected people in the planning and implementation of offsets while the GBF requires reporting of effectiveness of offsets.

#### Designing scientifically-credible

nature-based offsets zu Ermgassen, Sophus

Modeling wildlife roadkill risk on São Paulo highways amid sugarcane area Silva, Rodrigo

Natural capital and the GBF: Opportunities for businesses and nature Bailey, Ida

Habitat offsets for caribou in British Columbia: Lessons learned Sharam, Greg

#### DECARBONIZING THE ENERGY SECTOR

# A regional environmental assessment approach to assist decarbonization

#### Saturday 27 April | 11:00-12:30 | Wicklow Meeting Room 3

Paper session Chair(s): Becky Hitchin

Industry-led, voluntary, regional assessments allow strategic understanding of projects from development of baselines to monitoring. This session discusses how a similar approach could be used for offshore energy to complement existing plan-level assessment through SEA, and allow more rigorous monitoring of impacts.

The role of SEA, CIA and EIA within the High Seas Treaty

Tejeda-González, Juan Carlos

Mapping risk to herring and sandeel for offshore decarbonization projects Kyle-Henney, Matt; Reach, Ian

Countering consultation fatigue in regional approaches to just transition Joiner, Rosemary

# Addressing mining impacts driven by an energy transition for climate action

#### Friday 26 April | 11:00-12:30 | Wicklow Meeting Room 2 Paper session

Chair(s): Laura Sonter, Luis Sanchez

Plans and policies for decarbonization must address the prospective environmental and social impacts of mining the 3 billion tonnes of energy transition minerals needed to build renewable energy infrastructure by 2050.

### Global assessment of the impact of construction minerals on biodiversity

Torres, Aurora; zu Ermgassen, Sophus O.S.E.; Ferri-Yanez, Francisco; Navarro, Laetitia M.; Rosa, Isabel; Teixeira, Fernanda Z.

Global patterns of biodiversity threatened by mining Lamb, leuan; Edwards, David

Frameworks and metrics Stephen, Will; Prescott, Graham

Using a buffer-based approach to make global assessments on mining impacts Dawson. Chloe

#### Deforestation embodied in EU-27 metal and coal consumption

Luckeneder, Sebastian; Giljum, Stefan; Maus, Victor; Sonter, Laura; Malik, Arunima; Lenzen, Manfred

#### The global supply chain drivers of environmental impacts of lithium mining

Giljum, Stefan; Sun, Xin; Maus, Victor; Schomberg, Anna

#### Community engagement and benefitsharing contributions to a just transition

Thursday 25 April | 16:00-17:30 | Liffey Meeting Room 3 Panel discussion

Chair(s): Orlando San Martin

The session will present selected experiences of meaningful stakeholder engagement and benefitsharing mechanisms which going beyond regulations can be considered as a good industry practice for the renewable energy sector and hopefully inspire and encourage industry actors, regulators, and relevant stakeholders.

#### People-positive renewable energy: Toward a competition for just outcomes

Tharani, Adele

#### Community benefit sharing

mechanisms throughout Europe Cronin, Yvonne

Throwing away the template for engagement Hood, Alison

Shared value towards SLO: Engagement and growth, approaching communities Pinto-Correia, Margarida

Meaningful engagement delivering for wind energy O'Sullivan, Pat

### Environmentally, socially and

economically just carbon neutrality (I)

#### Friday 26 April | 11:00-12:30 | Liffey Meeting Room 1 Paper session

Chair(s): Yuan Xu, Shigeo Nishikizawa

Renewables are crucial in decarbonizing the energy sector and achieving carbon neutrality. This session examines IA frameworks and issues in the energy transition and the environmental, social, and economic impacts at local, regional, national, and global scales.

#### Local symbiotic renewable energies beyond NIMBYism

Nishikizawa, Shigeo

#### Construction, utilization, and development plan of Korea's Carbon Spatial Map Jung, Seunghyun; Kim, Minseo

Comparing emergency generator and battery for urban energy storage planning Du, Yufan; Xu, Yuan

Delivery of just decarbonization Hazell-Marshall, Chris

## Environmentally, socially and economically just carbon neutrality (II)

#### Friday 26 April | 14:00-15:30 | Liffey Meeting Room 1

Paper session Chair(s): Yuan Xu, Shigeo Nishikizawa

Renewables are crucial in decarbonizing the energy sector and achieving carbon neutrality. This session examines IA frameworks and issues in the energy transition and the environmental, social, and economic impacts at local, regional, national, and global scales.

## Economic geography under carbon neutrality in China's Guangdong Province

Xu, Yuan; Cooke, Sam

#### Public acceptance of wind energies

located near the nuclear power plant Liu, Kaiqi; Nishikizawa, Shigeo; Murayama, Takehiko; Suwanteep, Kultip

### ESG management foundation toward corporate climate action and resilience

Aman, Mohamad Irwan; Nadar, Feroze

#### Independent monitoring of voluntary carbon market project community benefits Evans, Robert

What if carbon markets were accessible to everyone? Viana, Frederico

# Impact assessment: Enabling or constraining sustainable energy transitions?

#### Wednesday 24 April | 15:00-16:30 | Liffey Meeting Room 3

Paper session Chair(s): Bram Noble

This session explores the nature and role of IA (project and/or strategic) in the global energy transition, offering debates and case studies on IA as an enabling or constraining instrument for energy transitions, and discussing opportunities for improved principles, processes, and practice.

#### A focus on effective IA screening and scoping Grobler, Jan

Sustainable energy transitions: Managing trade-offs with strategic IA Geißer, Gesa; Biehl, Juliane; Köppel, Johann

#### Insights for offshore energy transition: The role of strategic IA instruments

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

Mind the gap: Gaps between IA and construction in renewable energy Wiesner, Barry

Kicking the can down the road? IA, renewable energy, and future generations Soliman-Hunter, Tina

# Impacts and risks of lithium and rare earth elements supply chain

#### Thursday 25 April | 14:00-15:30 | Liffey Meeting Room 1

Paper session Chair(s): Simon Catchpole

This session will examine the risks in supply chains of lithium and rare earth elements. These are a critical part of the decarbonization and for energy storage. What does it mean environmentally and socially, to be dependent on lithium and rare earth elements rather than on hydrocarbons?

#### The social and environmental risks of

the battery storage supply chain Pittaluga, Andrea

#### CRM supply chain risks and environmental

impacts in supercapacitors

Liu, Xinqin; Xie, Xiaoping

### Are the ESIA processes in the Lithium Triangle countries effective?

Garcia Zavala, Consuelo; Cote, Claire; Rochford, Luisa; Worden, Sandy

#### Lithium supply development in Argentina

Catchpole, Simon; Parizek, Bernardo

#### INNOVATIVE METHODS AND DECISION-SUPPORT TOOLS FOR A JUST TRANSFORMATION

# Ensuring Just Transformation of infrastructure projects (I)

#### Wednesday 24 April | 15:00-16:30 | Wicklow Meeting Room 1

Paper session

Chair(s): Camille Heaton

This session explores strategies to more effectively translate impact assessment findings and recommendations into just transitions for more environmentally and socially sustainable infrastructure projects. Presentations will cover a range of measures that can be applied during infrastructure project visioning, planning, construction and operation phases.

#### A scorecard to assess and improve

infrastructure engagement

O'Connor, Ruth; Jones, Kirsty

### Brazil ES overview assessment: Strengthening borrower's capacity and systems

Faro, Guilherme; Shayer, Eric; Costa, Alberto; Ferreira, Sofia; Cordeiro, Ana Carolina; Diniz, Carlos

#### Employing environmental data to inform

planning of infrastructure projects Al Sultan, Rand; Khan, Abdurrahim Basit; McGrath, David

### Establishment of environmental and social framework at the cooperate level

Byun, Chang-young; Lee, Ji-eun

# Ensuring Just Transformation of infrastructure projects (II)

Thursday 25 April | 11:00-12:30 | Wicklow Meeting Room 1 Paper session

Chair(s): Camille Heaton

This session explores strategies to more effectively translate impact assessment findings and recommendations into just transitions for more environmentally and socially sustainable infrastructure projects. Presentations will cover a range of measures that can be applied during infrastructure project visioning, planning, construction and operation phases.

Enhancing focus on sustainability in a CPH Metro project: EIA tender and SDGs Ravn Boess, Emilia; Kørnøv, Lone

#### Environmental transformation: Case study of the trunk road T4 in Hong Kong Tse, Tsz Lok, Jason

Infrastructure corridor IAs: County-wide in AlUla Korpijaakko, Carla

#### Integrating the Kikot-Mbebe project into Cameroon's hydropower development Bodel, Charles; Jacob, Frederick

# Ensuring Just Transformation of infrastructure projects (III)

#### Thursday 25 April | 14:00-15:30 | Wicklow Meeting Room 1 Paper session

Chair(s): Camille Heaton

This session explores strategies to more effectively translate impact assessment findings and recommendations into just transitions for more environmentally and socially sustainable infrastructure projects. Presentations will cover a range of measures that can be applied during infrastructure project visioning, planning, construction and operation phases.

#### Spatial modeling in the scoping of environmental impact assessment Araujo, Felipe; Ajuz, Rafael; da Silva, Pedro

Starting at the end: A proposal to

improve ESIA effectiveness McIlwaine, Steve; Murfitt, Sarah

#### Innovative method: Tailings as growth

medium eliminating topsoil dependency Mellett, Robyn; Jansen van Rensburg, Elindi; Mahlalela, Wandile

Is the clean energy transition a just transition? Seymour, Eleanor; Yasenko, Juliette

# Ensuring Just Transformation of infrastructure projects (IV)

#### Thursday 25 April | 16:00-17:30 | Wicklow Meeting Room 1

Paper session Chair(s): Camille Heaton

This session explores strategies to more effectively translate impact assessment findings and recommendations into just transitions for more environmentally and socially sustainable infrastructure projects. Presentations will cover a range of measures that can be applied during infrastructure project visioning, planning, construction and operation phases.

#### Embedding international standard in

driving change to achieve social justice Chung, Darylynn; Bujang, Nur Khairin; Abdullah, Azyan; Aman, Mohamad Irwan

#### Risk-based management framework for desalination in the Red Sea Project

Palmer, Edwin; Oldmeadow, Edward

#### Frac-out prediction: Proactive management

in natural gas pipeline project Poosit, Warisa; Akarapunyawong, Vasunan; Sukchum, Poramate

### Innovative methods and tools for a Just Transformation

Heaton, Camille; Francis, Patrick

# Exploring the limitations of SIA in achieving sustainable development

#### Thursday 25 April | 16:00-17:30 | Liffey Meeting Room 1 Paper session

Chair(s): Yaacob Hassan, Herlina Abdul Aziz

This session aims to redefine challenges in the boundaries of social impact assessment (SIA) in development projects and reimagine its scope and coverage. Presenters will discuss emerging practices, methodologies, and tools, exploring the dynamic nature of social impacts.

### Strengthening social impact assessment tools to facilitate Just Transformation

Ab Aziz, Herlina

#### Enhancing social impact assessment with GIS strategies in engagement Amra Ramly, Saiful Bahari

IA for private university and SIA best practice for community development Ojile, Meshach

### Exposure to household air pollution and child undernutrition in the Sahel

Lufumpa, Nakawala; Hilger, Anne; De La Briere, Bénédicte; Ng, Odyssia

# IA for better policy making: Current trends and new methods (I)

#### Saturday 27 April | 11:00-12:30 | Liffey Meeting Room 2

Paper session Chair(s): Zishu Wang

IA provides fundamental support for sustainable development during the policy-making process. In the pursuit of better and more just policy-making, current IA methods should be further deepened and improved. This session focuses on IA for policy-making and aims to explore new methodological trends and practices amid emerging challenges.

#### Developing methods for systems-informed

health impact assessment: SystemHIA O'Mullane, Monica; Tweed, Emily

#### Health impact assessment and the changing

stakeholder needs: Italy's case Bonizzi, Michele; Ahmed, Fareed Yusuf

#### Enabling digital environmental impact

assessment (EIA) in Nigeria Ndarake, Etia; Aboje, Andrews

#### Data-based digital environmental

impact assessment An, Junyeong; Park, Taeho; Jeon, Hyungjin; Kim, Kyoungmin

#### Enhancing social impact assessment capacity in non-profit organizations

Akdeve, Erdal; Giderler, Memduh Eren; Akcapar, Sebnem; Onder, Cetin

# IA for better policy making: Current trends and new methods (II)

#### Saturday 27 April | 14:00-15:30 | Liffey Meeting Room 2

Paper session Chair(s): Zishu Wang

IA provides fundamental support for sustainable development during the policy-making process. In the pursuit of better and more just policy-making, current IA methods should be further deepened and improved. This session focuses on IA for policy-making and aims to explore new methodological trends and practices amid emerging challenges.

Applying the RE-AIM framework to evaluate an environmental policy in China Xie, Dan

Agent-based assessment for China's new integrated environmental zoning Wei, Zeyang; Wang, Zishu

#### Careful argument can improve IA processes Brown, Glenn

Becoming a regulator: Policy making towards a devolved administration Roberts, Kirk

# Innovative data sharing and governance for a Just Transformation (I)

#### Thursday 25 April | 11:00-12:30 | Liffey Hall 2

Paper session Chair(s): Andy Chung, Clara U, Kin Che Lam

For practitioners to showcase innovative data sharing and assessment tools, discuss the importance of data governance in achieving Just Transformation, and examine how data governance frameworks and emerging technologies can enhance the quality and transparency of environmental data, thereby informing evidence-based decision-making.

#### Data governance of public environmental

information: A case of Hong Kong Wong, Chi Chung, Chris; Mak, Kin Man, Danny; U, Kam Wa, Clara

#### Open Science and Data Platform: A tool to inform evidence-based decisions Coulson, Jessica; Deblois, Kelsea

Smart application for EIA process:

Harnessing the potential of the CED Mak, Kin Man, Danny; Wong, Chi Chung; U, Kam Wa, Clara

#### Noise mapping and Web-based noise impact

assessment systems in Hong Kong Tam, Man Ting; Chan, Ka Wai; Lin, Kit Mei; Lee, Yau Hana; Lee, Chee Kwan

#### Helium, LoRaWAN with IoT for impact assessment and conservation in Kenya

Fiegenbaum, Hanna; Azegele, Bradley; Seider, Stephan

## Innovative data sharing and governance for a Just Transformation (II)

#### Thursday 25 April | 14:00-15:30 | Liffey Hall 2

Paper session Chair(s): Andy Chung, Clara U, Kin Che Lam

For practitioners to showcase innovative data sharing and assessment tools, discuss the importance of data governance in achieving Just Transformation, and examine how data governance frameworks and emerging technologies can enhance the quality and transparency of environmental data, thereby informing evidence-based decision-making.

#### **Environmental protection reviews**

#### of Canadian nuclear facilities

Rupert, Aimee; Warnock-Juteau, Kendra

### Comprehensive environmental information management in Chilean mining

Araya, Gino

#### Enhancing transparency: The

#### case of South Africa's EMF

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

### Data governance advancing green mining:

Environmental Observatory 2.0 Bergamini, Kay; Mollenhauer, Katherine; Ängel, Piroska; Rugiero, Vanessa; Medina, José Ignacio

#### Data governance as the cornerstone of

good governance in megaprojects Chung, Andy; To, Wai Ming

# Meaningful impact assessments through Indigenous leadership

#### Thursday 25 April | 11:00-12:30 | Liffey Hall 1

Paper session Chair(s): James Herbert

This session brings together stories of Indigenous leadership in assessment methods and the development of tools and processes that are meaningful for communities. Sharing these stories, this session creates the space for different ways of knowing and understanding to be incorporated into more holistic and relevant assessments.

#### Building a multi-nation Indigenous regional cumulative effects assessment

Bossé, Charmaine; Halvorson, Courtney

Chiefs of Ontario Environmental Assessment Toolkit Padulo, Kathleen

# Linking Indigenous-led cumulative effects management with impact assessment

Kwon, Katerina; Rutherford, Murray

#### Niiwin Wendaanimok Partnership Anishinaabe Guardians Program

Houle, Robyn; Webb, Heather

#### Indigenous-designed impact methods:

An example from Gitxaala Nation Herbert, James; Vanderjagt, Adena; Johnston, Heather

# Methods for handling complexity in Just Transformation (I)

#### Friday 26 April | 11:00-12:30 | Wicklow Meeting Room 1 Paper session

Chair(s): Charlotta Faith-Ell, Johanna S. Gordon

The session aims to explore the application of various methods that cover the complex relationships between environmental, social, and economic challenges in IA of large projects. Good practice examples and experiences will be critically reflected upon and discussed.

#### Strategic Thinking for Sustainability (ST4S) for a Just Transformation

Partidario, Maria; Barata Monteiro, Margarida

#### Trust: Using systems thinking for process mapping the role of trust in IA Froese, Ken

rioese, ken

#### Toward an evidence base to support Power-to-X (PtX) decision-making

Snyman-van der Walt, Luanita; Schreiner, Greg; Lochner, Paul

#### Analysis of the EIA of landfills for sustainability in Perú

Poggi, Johanna; Zegarra, July

# Typologies of expected and idealized futures of the EIA practice

Van Staden, Francini; Retief, Francois

#### Methods for handling complexity in Just Transformation (II)

#### Friday 26 April | 14:00-15:30 | Wicklow Meeting Room 1

Paper session Chair(s): Charlotta Faith-Ell, Johanna S. Gordon

The session aims to explore the application of various methods that cover the complex relationships between environmental, social, and economic challenges in IA of large projects. Good practice examples and experiences will be critically reflected upon and discussed.

#### Infrastructure development and compliance with environmental policy

Porras Carrasco, Andrea; Valladares Huerta, Jose Alfredo

#### Towards a minority-sensitive cultural impact assessment in Germany

Hagemann, Jenny; Laschewski, Lutz; Jacobs, Fabian

Partnering with communities in research for a just transition Major, Laura; Roberts, Jen

#### Lithium plant in Canada: A voluntary EIA using the issue-based approach

Dontigny, Julie; Gagnon, Benoît; Young, Robert

#### Better explain EIA for a better public

participation: Review and outlook Lachapelle, Lina; Hébert, Jean

#### Multi-dimensional cumulative effects assessment with Indigenous peoples

#### Thursday 25 April | 16:00-17:30 | Liffey Hall 1 Panel discussion

Chair(s): Erika Bockstael

Cumulative effects assessments (CEA) can inform a Just Transformation through the application of multiple knowledge systems to evaluate impacts at meaningful scales. This session presents a multicommunity CEA with three First Nations in Canada, a web-based modelling platform, and Indigenous Science as a distinct knowledge system with a "cumulation of knowledge."

#### A tool to support Indigenous participation in impact assessment

Carlson, Matthew

#### Treaty lasts forever: Protecting our

rights, culture, and way of life Okemow, Crystal; Blackstar, Arnold; Martin, Dana

Indigenous science and cumulative effects Bockstael, Erika

#### **Opportunities for international** development cooperation to go beyond "do no significant harm"

#### Wednesday 24 April | 15:00-16:30 | Wicklow Hall 1

Paper session Chair(s): Juan Palerm, Gunilla Ölund Wingqvist

This session will address the opportunities for international development cooperation to contribute to a just and sustainable transformation.

#### What works? Effective measures from Swedish development cooperation

Åhrgren, Lisa; Wallin, Erik; Ölund Wingqvist, Gunilla

#### Toward nature-positive and climatepositive EU cooperation Palerm, Juan; Crabbé, Bernard

#### Beyond "do no harm": Lessons from green transition works in Africa and Asia César, Emelie; Ekbom, Anders

EIB perspectives on going beyond "do no harm" Vaara, Elina

#### Global biodiversity expenditure taxonomy: Understanding government spending

Fischer, Ronja; Trinidad, Annabelle

#### **Regional cumulative effects assessment** to support a Just Transformation (I)

#### Saturday 27 April | 11:00-12:30 | EcoCem Paper session Chair(s): Jenny Pope

Many aspects of Just Transformation are experienced, and therefore most appropriately managed, at a regional scale. Regional cumulative effects assessment can be a valuable tool to protect and enhance biodiversity, inform planning for a more sustainable future, and protect the rights of Indigenous and other vulnerable groups.

#### A typology of approaches to regional cumulative effects assessment

Pope, Jenny; Young, Renee

#### Using a RSEA to build a more sustainable future in northern Canada Cliffe-Phillips, Mark; Wheler, Brett; Pawley, Kim

#### **Canadian Indigenous-led assessments** and regional cumulative effects Hanna, Kevin

#### Integrating diverse community values in CEA for a just transition Buse, Chris

#### **Regional cumulative effects assessment** to support a Just Transformation (II)

#### Saturday 27 April | 14:00-15:30 | EcoCem

Paper session Chair(s): Jenny Pope

Many aspects of Just Transformation are experienced, and therefore most appropriately managed, at a regional scale. Regional cumulative effects assessment can be a valuable tool to protect and enhance biodiversity, inform planning for a more sustainable future, and protect the rights of Indigenous and other vulnerable groups.

#### Lessons for meaningfully assessing

cumulative social effects

### Arnold, Lauren

Advancing cumulative effects (CE) research in Canada in support of IA

Eddy, Brian; Clarke, Christina

The institutionalization of sustainability assessment Talbot, David

#### Synergies of impact assessment and circular economy

#### Wednesday 24 April | 15:00-16:30 | Wicklow Meeting Room 2 Paper session

Chair(s): Ralf Aschemann

This session will explore potential synergies between the fields of impact assessment and circular economy (CE). For instance, EIAs and SEAs can be used to analyze the impact of CE related strategies and vice versa, CE strategies - such as slowing, narrowing or closing resource flows - can be an idea generator for EIAs and SEAs.

#### Impact assessment practices to help enable circular economy progress

Ramos, Tomás B.; Rato, Mariana; Polido, Alexandra

#### Smart waste management tool for environmental and economic benefit sharing

Oji, Akuma; Erekosima, Tamunotonye

#### Fe-coated biochar for P removal and recovery of slow release fertilizers

Kim, Minkyung; Falasca, Giuseppina; Casentini, Barbara; Fazi, Stefano

#### What circular economy can learn from impact assessment and vice versa Aschemann, Ralf

#### PROTECTING AND PROMOTING THE RIGHT TO A SAFE, CLEAN, AND HEALTHY ENVIRONMENT

### Connecting people and planet: Respecting the environment and human rights

#### Wednesday 24 April | 15:00-16:30 | Wicklow Hall 2B

Panel discussion Chair(s): Caroline Brodeur

The right to a safe, clean and healthy environment was recently recognized as a human right. How do we ensure respect of this right and establish the interconnection with human rights? This session will explore the reality of assessing environmental and human rights impacts in the high-risk seafood industry.

Building the rights environment for due diligence O'Connell, Seán

Human rights and environmental due diligence Husseini, Salah

Human rights-based approaches in fisheries management and ocean protection Arifsyah, Mohammad

Protecting human rights and the environment through impact assessments Brodeur, Caroline

#### Consideration of wider health determinants in impact assessments

#### Friday 26 April | 14:00-15:30 | Wicklow Meeting Room 2

Paper session Chair(s): Shiu Fung Hung Section: Health

There have been growing concerns about the wider determinants of human health and well-being. How could Impact Assessment practices accommodate emerging health topics? Paper contributions were invited on the innovation and application of proportionate consideration of health impacts in impact assessments, including HIA and SEA.

### How can health impact assessment support a wellbeing economy?

Douglas, Margaret; Scott, Fiona; McNicol, Kirstin; Shipton, Deborah; Renwick, Lorna

How to assess climate change impacts and sustain health on regional level

Horváth, llonka

#### Why co-drafting guidelines to support HIA implementation in Georgia?

Roue Le Gall, Anne; Dardier, Guilhem; Van Gastel, Benoit; Legeas, Michèle; Pogorzelski, Antoine

### Creating a toolkit for a proportionate consideration of health in SEA

Hung, Shiu Fung

# Large infrastructures, just transition, and community health and safety (I)

#### Thursday 25 April | 14:00-15:30 | Wicklow Meeting Room 4

Paper session Chair(s): Francesca Viliani, Mark Divall Section: Health

The session presents innovative approaches to proactively assess and manage community health and safety impacts associated with major projects and large infrastructures. The inclusion of health, by enhancing intersectoral approaches, will be fundamental to achieve the SDGs and tackling increasing health inequalities.

### Health impact assessment in the energy transition: Increasing of knowledge

Mortara, Simone Fortunato; Gomez, Diaz Guillermo

Health impact assessment in the energy sector Sommerville, Delya; Xiao, Yina

Why don't we ask? Local knowledge and tradition in great apes survey La Gala, Silvia

Method to simplify health impact assessment for infrastructure projects Divall, Mark; Olivier, Izak

Health impact management and monitoring with community cadres Moodie, James

# Large infrastructures, just transition, and community health and safety (II)

### Thursday 25 April | 16:00-17:30 | Wicklow Meeting Room 4

Paper session Chair(s): Francesca Viliani, Mark Divall Section: Health

The session presents innovative approaches to proactively assess and manage community health and safety impacts associated with major projects and large infrastructures. The inclusion of health, by enhancing intersectoral approaches, will be fundamental to achieve the SDGs and tackling increasing health inequalities.

#### Does local level data influence the

HIA decision making process? Olivier, Izak

### Community health monitoring of the Trident Copper Project

Knoblauch, Astrid; Nyirenda, Tato; Temple Mumba, Kahilu; Divall, Mark J.; van der Merwe, Kylie

### Community safety: Technical and corporate integration for risk and impact

Silva, Cesar

Community health as key aspect of social impact for a mining company Viliani, Francesca

#### What have you done for me lately? Effectiveness in health impact assessment

#### Friday 26 April | 16:00-17:30 | Wicklow Hall 2A

World Café Chair(s): Ben Cave Section: Health

How can HIA and health in EA be more effective? How can it effect change? What is its role in the Just Transformation? This World Café will meet the challenge, identified at the ASEAN workshop in IAIA23, to develop new tools and skills to deliver the right to a healthy, sustainable, and clean environment.

### ACADEMIA

## Impact assessment research and teaching in higher education (I)

Saturday 27 April | 11:00-12:30 | Liffey Meeting Room 1

Paper session Chair(s): Reece Alberts, Thomas B. Fischer Section: Academia

The Academia Section of IAIA has started an initiative with the aim to establish how many individuals are involved in IA teaching and research in the higher education sector. We invite contributions that will provide relevant information on different countries. The initiative aims at resulting in a special issue of *Impact Assessment and Project Appraisal.* 

### Overcoming challenges in EIA: Environmental science students in Argentina

Giberti, Verónica; Picardi, Daniela

Teaching SEA in a country without regulation: Challenging this scenario? Gallardo, Amarilis

#### IA teaching and research activities in higher education: Thailand

Chanchitpricha, Chaunjit

#### Higher education institutions' based

environmental assessment research in Europe Rodrigues, Tiago; Fischer, Thomas

### Global perspectives on the effectiveness of environmental impact assessment

Alberts, Reece; Retief, Francois

### Teachers as gatekeepers or facilitators for transforming EA practice

Kågström, Mari; Faith-Ell, Charlotta; Geißler, Gesa; Biehl, Juliane

## Impact assessment research and teaching in higher education (II)

#### Saturday 27 April | 14:00-15:30 | Liffey Meeting Room 1

Paper session Chair(s): Reece Alberts, Thomas B. Fischer Section: Academia

The Academia Section of IAIA has started an initiative with the aim to establish how many individuals are involved in IA teaching and research in the higher education sector. We invite contributions that will provide relevant information on different countries. The initiative aims at resulting in a special issue of *Impact Assessment and Project Appraisal.* 

### Teaching impact assessment for wicked problems: A transdisciplinary case

Neugebauer, Julia; Köppel, Johann; Geißler, Gesa

Impact assessment higher education and research in Mexico Tejeda-González, Juan Carlos

Enhancing EIA and SEA education in Denmark: Collaborative competence-building Kørnøv, Lone; Lyhne, Ivar

The conceptual dispersion of impact significance Montano, Marcelo; Naomy Vieira Shibayama, Lidia

Three decades of teaching EIA at KTH Royal Institute of Technology, Sweden Balfors, Berit

# AGRICULTURE, FORESTRY, AND FISHERIES

#### Climate, energy and agriculture/ forestry linkages

#### Friday 26 April | 16:00-17:30 | Wicklow Meeting Room 2

Paper session Chair(s): Ijeoma Vincent-Akpu Section: Agriculture, Forestry and Fisheries

This session examines the existence of inter-sectoral linkages among key sectors like Climate, Energy and Agriculture/Forestry/Fisheries which could be stimulated and enhanced to achieve multiple beneficial social, environmental, economic and cultural goods and services for human kind.

# Floating solar PV as panacea to climate change-driven water constraints

Musenyi, Steadmore

#### A discussion on the prospect of naturebased solution for climate change

Issa, Lookman

#### A case for harnessing nuisance in freshwater ecosystems in Niger Delta

Vincent-Akpu, Ijeoma; Vincent-Akpu, Chinogozim

Environmental and social impact assessment of saltwater shrimp farm project

Swam Htet Kyaw, Yadanar; Thiha, Aye

### **BIODIVERSITY AND ECOLOGY**

# Blue economy, SEA and marine spatial planning

#### Friday 26 April | 11:00-12:30 | Wicklow Meeting Room 3 Paper session

Chair(s): Arthur Neher, Arend Kolhoff Section: Biodiversity

Marine spatial planning within jurisdictional boundaries, but increasingly outside, become subject to SEA safeguarding marine biodiversity. We invite people and organizations to share experiences that can be used in the development of SEA guidance for Marine and Coastal Spatial Planning asked for by the UN Treaty of the High Seas.

SEA of marine spatial plans in Ireland Woolley, Tom

How the SEA shaped the Firth of Clyde Regional Marine Plan Keller, Arthur

Implementation of EIA under the UN BBNJ Agreement: Next steps Whitten, Patience

#### Pathways to biodiversity gain (I)

Thursday 25 April | 11:00-12:30 | Wicklow Meeting Room 5 Paper session Chair(s): Jo Treweek Section: Biodiversity and Ecology

We explore approaches to risk assessment and management for large projects, stress-test approaches to planning for biodiversity net gain, and explore new techniques for monitoring and surveillance. These sessions will interest all key stakeholders with an interest in achieving good outcomes for biodiversity using evidence-based approaches.

#### Investigating the implementation of biodiversity mitigation in EIA in Chile

Cares, Rocío; Bond, Alan; Franco, Aldina

### Committing to net gain in the Colombian high mountain ecosystems

Amaya, Andres; Sandoval, Milton; Romero, Victoria

**Targeting net gain in biodiversity conservation benefit in tourism projects** *Smith, Damian; Fant, Mia; Salamah, Judy; Hammad, Lutfiah* 

#### Pathways to biodiversity gain (II)

#### Thursday 25 April | 14:00-15:30 | Wicklow Meeting Room 5

Paper session Chair(s): Jo Treweek Section: Biodiversity and Ecology

We explore approaches to risk assessment and management for large projects, stress-test approaches to planning for biodiversity net gain, and explore new techniques for monitoring and surveillance. These sessions will interest all key stakeholders with an interest in achieving good outcomes for biodiversity using evidence-based approaches.

#### Catalyze transformation in spatial

planning: EA for biodiversity valuation Monteiro, Margarida; Soares, Ana; Partidário, Maria; Larsen, Sanne; Kornov, Lone

#### Stress-testing the metric for

biodiversity net gain in England Duffus, Natalie; Lewis, Owen; zu Ermgassen, Sophus; Grenyer, Richard

A new frontier for biodiversity monitoring and NPI: eDNA derived from insects

French, Chris; Tan, Harrison

#### Pathways to biodiversity gain (III)

#### Thursday 25 April | 16:00-17:30 | Wicklow Meeting Room 5

Paper session Chair(s): Jo Treweek Section: Biodiversity and Ecology

We explore approaches to risk assessment and management for large projects, stress-test approaches to planning for biodiversity net gain, and explore new techniques for monitoring and surveillance. These sessions will interest all key stakeholders with an interest in achieving good outcomes for biodiversity using evidence-based approaches.

### Biodiversity risk screening: Identifying risks and opportunities

Livingstone, Suzanne; Turner, Joe; Tatum-Hume, Emma; Hutchison, James; Serckx, Adeline; Starkey, Malcolm

#### Biodiversity risk management for

challenging international projects Massey, Dave; Nightingale, Jo; Boulter, Simon; Richardson, James; Tilbury, Doug

### Image sensing / AI technology for wind farms to minimize impacts on birds

Taylor, Simon

## Transitioning to net gain: Effectively achieving and measuring biodiversity (I)

#### Friday 26 April | 11:00-12:30 | Wicklow Meeting Room 5

Paper session Chair(s): Corin Simmonds, Nicola Faulks Section: Biodiversity and Ecology

As biodiversity enhancement both through net gain and nature positive mechanisms becomes the accepted approach, we consider how practitioners can achieve this ambitious target. Alignment is required between financers developing corporate disclosure and monitoring approaches and developers working to mitigate adverse impacts.

#### The nature-positive journey for business

White, Thomas; Bromwich, Talitha; Booth, Hollie; Bang, Ashley; Bennum, Leon; Bull, Joseph; Clark, Michael; Milner-Gulland, E.J.; Prescott, Graham; Starkey, Malcolm; zu Ermgassen, Sophus

The role of BNG in a Just Transformation: Lessons learned from the UK Guindon, Olivia

How does net gain impact the social license to operate of a large project?

Stuart, Alice; Bond, Alan; Franco, Aldina

#### An authentic approach for managing biodiversity at pipelines

Karaduman, Berna; Mezzalama, Roberto

# Transitioning to net gain: Effectively achieving and measuring biodiversity (II)

#### Friday 26 April | 14:00-15:30 | Wicklow Meeting Room 5

Paper session Chair(s): Corin Simmonds, Nicola Faulks Section: Biodiversity and Ecology

As biodiversity enhancement both through net gain and nature positive mechanisms becomes the accepted approach, we consider how practitioners can achieve this ambitious target. Alignment is required between financers developing corporate disclosure and monitoring approaches and developers working to mitigate adverse impacts.

NatureTech to measure and deliver net gains for biodiversity: eDNA Howard, Pippa; Middleton, Owen

### Biodiversity benefits? No net loss and net gain approaches in Peru and the UK

Valencia Franke, Claudia; Saloma, Milagros; Wansbury, Claire; Tito, Juan

From avoidance to offsets: How to measure biodiversity to net gain ambition Raithel, Sophia; Williams, Hafren

Delivering biodiversity net gain in AlUla: Benchmarking and next steps Miller, Jonny; Lyons, Anna

### CLIMATE CHANGE

## Consideration of climate change in impact assessment of different countries (I)

#### Friday 27 April | 11:00-12:30 | Liffey Meeting Room 3

Paper session Chair(s): Ishara Autar, Bobbi Schijf Section: Climate Change

In Session 1 we take a closer look at the impact of CC and climate action on people's quality of life (health, indigenous practices and socioeconomic effects). Session 2 presents approaches to address CC in IA, including how to determine GHG emissions significance, offset credits, and carbon stock.

The need for climate impact assessments in Swedish Sápmi Rosqvist, Gunhild Ninis; Allard, Christina; Kjellström, Erik

#### Capturing the health and well-being impact of climate change: An HIA in Wales Green, Liz

Socioeconomic impact Assessment tool for effective just transition policies

Lata, Kusum; Agyemang-Bonsu, William Kojo

# Consideration of climate change in impact assessment of different countries (II)

#### Friday 27 April | 14:00-15:30 | Liffey Meeting Room 3 Paper session

Chair(s): Ishara Autar, Bobbi Schijf Section: Climate Change

In Session 1 we take a closer look at the impact of CC and climate action on people's quality of life (health, indigenous practices and socioeconomic effects). Session 2 presents approaches to address CC in IA, including how to determine GHG emissions significance, offset credits, and carbon stock.

### Climate change in Danish impact assessment practice: The ugly duck?

Lyhne, Ivar; Kørnøv, Lone

#### The use of offset credits under Canada's Impact Assessment Act

Singh, Karambir

#### Estimation model of forest carbon stock

by using forest canopy volume Hayashi, Kiichiro; Hayakawa, Kota; Takajima, Kiyoshi; Machimura, Takashi; Sugita, Satoru

### CULTURAL HERITAGE

## The role of impact assessment in protecting and enhancing heritage

#### Friday 26 April | 14:00-15:30 | Wicklow Hall 2B Paper session

Chair(s): Urmila Jha-Thakur

The session looks at theory and/or practice of consideration of Heritage within Impact Assessment (IA) from the developed and the developing world. This can take the form of Heritage Impact Assessment or the extent to which Heritage as a topic is incorporated within an IA process.

#### Reflections on heritage impact assessment: Practice in the Netherlands Patiwael, Patrick

The role of HIA in protecting and enhancing heritage: A case study from Al Alanazi, Rakan

How to conserve urban heritage by EIA: A case of Jingu Gaien Park, Tokyo Harashina, Sachihiko

"This Other Eden": Assessing a myth? Mabbitt, John

Heritage impact assessment of historic urban parks Jha-Thakur, Urmila; Le Devehat, Marie

# Underwater cultural heritage: Developing approaches and improving data

#### Friday 26 April | 16:00-17:30 | Wicklow Meeting Room 3

Paper session Chair(s): Amanda Evans Section: Cultural Heritage

During this session, experienced underwater heritage practitioners will present a series of papers detailing the improvements in technologies, the knowledge that has been gained, and the applications to projects. The session will be of value to impact assessment professionals that participate in offshore development and extractive industry.

#### Underwater cultural heritage assessments: Best practices for new challenges

Evans, Amanda; Ball, David

Assessing underwater cultural heritage from geophysical data Marples, Tim; Emery, Andy

Taken at the flood: Submerged pasts and green futures

Fraser, Andrew; Walker, James; Gaffney, Vincent

### Submerged historic properties in Alaska:

Database development and modeling Sassorossi, William; Polqlase, Chris

### DISASTERS AND CONFLICT

#### Disasters, conflict and impact assessment: Experiences and lessons (I)

Friday 26 April | 11:00-12:30 | Liffey Meeting Room 3

Paper session Chair(s): Charles Kelly Section: Disaster and Conflict

Disasters and conflicts continue to be major disruptors of development, and lives. This session will provide a venue to present experiences in assessing impacts during conflicts and crises and lessons which may have been learned.

Building a successful just transition from coal mining in western Ukraine Hesketh, Paul

An analysis of the NEMA S30A Directives issued to eThekwini Municipality Dlamini, Zinhle

Lessons from Peru's El Niño reconstruction and impact assessment process Wieland, Patrick

Lessons from the Brumadinho dam disaster to the environmental regulation Naime, Andre

#### Disasters, conflict and impact assessment: Experiences and lessons (II)

#### Friday 26 April | 14:00-15:30 | Liffey Meeting Room 3

Paper session Chair(s): Charles Kelly Section: Disaster and Conflict

Disasters and conflicts continue to be major disruptors of development, and lives. This session will provide a venue to present experiences in assessing impacts during conflicts and crises and lessons which may have been learned.

#### **Connecting social impacts and social**

capacities in flood risk management Ortiz, Guadalupe; Aledo, Antonio

#### Integrating social vulnerability into social impact assessment for floods Aznar-Crespo, Pablo; Ortiz, Guadalupe; Aledo, Antonio

Health impact assessment of the Gaza

Strip integrated essential services Winkler, Mirko

Toward toxic risk assessment with conflict in Ukraine Murayama, Takehiko

#### Disasters, conflict and impact assessment: Experiences and lessons (III)

#### Friday 26 April | 16:00-17:30 | Liffey Meeting Room 3

Paper session Chair(s): Charles Kelly Section: Disaster and Conflict

Disasters and conflicts continue to be major disruptors of development, and lives. This session will provide a venue to present experiences in assessing impacts during conflicts and crises and lessons which may have been learned.

# Environmental, health, and safety consequences of war

Asaolu, Funke; Rakovych, Oksana

Adventurers in dangerous places: Assessing environmental impacts in conflict-afflicted countries Kelly, Charles

Formalizing guidance for how we deliver IA in active conflict contexts

Hart, Tracy; Edino, Marcus

### EMERGING TECHNOLOGIES

# IAIA principles for artificial intelligence in impact assessment

#### Wednesday 24 April | 15:00-16:30 | Wicklow Hall 2A

World Café Chair(s): Charlotte Bingham Section: Emerging Technology

Participate in a discussion of IAIA Principles for the use of Artificial Intelligence (AI) in Impact Assessment (IA). These principles emerged from discussions of the Emerging Technologies Section at IAIA23 in Kuching and have been revised in draft form for this Dublin meeting. Please use this exciting opportunity to contribute to a revised version of the Principles, which the Emerging Technologies Section will present to the IAIA Board of Directors for their consideration, approval and publication.

#### GOVERNANCE AND IMPLEMENTATION SYSTEMS

# Sustainable finance and impact assessment in the EU

Thursday 25 April | 11:00-12:30 | Liffey Meeting Room 2 Paper session

Chair(s): Adina Relicovschi

The session will discuss the key role the EIA plays in providing the information required to be further used in determining the environmental sustainability of a given economic activity under the EU Taxonomy, particularly in determining SC, DNSH and meeting minimum social safeguards.

#### Sustainable finance taxonomies and IA tools: Overall linkages and opportunities Dusik. Jiri

DUSIK, JITI

Social dimensions of DNSH: Minimum safeguards, EIA, and EU Taxonomy Patel, Alka; Bezeredi, Alexandra

EU Taxonomy and financial approval process Relicovschi, Adina

# Sustainable finance and impact assessment linkages at a global scale

#### Thursay 25 April | 14:00-15:30 | Liffey Meeting Room 2 World Café

Chair(s): Miguel Coutinho

This World Café session will discuss the potential linkages between the emerging taxonomies of sustainable economic activities at the global scale on the application of social and environmental standards used internationally by the key development partners. What are the most relevant standards that should be adopted for each sustainability criteria?

## What is the role of social and environmental practitioners to provide guidance to boards?

#### Wednesday 24 April | 15:00-16:30 | Liffey Meeting Room 2 Workshop

Chair(s): Liz Wall, Paul Hollesen

A world café workshop format to discuss the questions "Do S&E practitioners understand the role of a director to ensure our messaging is 'on target' with this audience?" "What is the role of practitioners to provide guidance to boards?" "How can practitioners make their voices heard in corporate governance structures?"

#### Liz Wall, Shared Resources (Australia)

Paul Hollesen, Consultant (South Africa)

#### INDIGENOUS PEOPLES

### Anishinaabe Law: Harmonization and the role of UNDRIP

#### Saturday 27 April | 11:00-12:30 | Liffey Hall 2

Panel discussion Chair(s): Sadiq Somia

Speaking to Indigenous-led assessments and operationalizing of Indigenous laws, this session will speak to the role of UNDRIP and ask the tough question: Is UNDRIP preventing revival of Indigenous laws and what are the opportunities and challenges in this context to ensure a just, true, and respectful transformation for IA?

Technical and political mechanisms of Anishinaabe Law implementation in IA King, Lucas

How it may or may not support Indigenous sovereignty Sadiq, Somia

### SOCIAL IMPACT ASSESSMENT

#### Certification and accreditation in SIA: Opportunities and challenges

#### Thursday 25 April | 11:00-12:30 | Wicklow Meeting Room 2 Panel discussion

Chair(s): Mayumi Corazon Pimentel, Helen Fabrero Sy

This session discusses the opportunities and challenges of certifying and accrediting SIA practitioners. Addressing standardized competencies, affordable training, and diverse SIA contexts will be explored, along with collaboration among stakeholders. The role of micro-credentials in meeting job market demands will also be examined.

The journey to Australia and New

Zealand's first SIA certification Blood, Alex; Corrigan, Paul

PHILCESS: Opportunities and challenges in building a community of practice Alamani, Bryan Gencianeo

How to be a CEP, or, an alternative pathway to SIA accreditation Solomon, Patrick

Determinants for the uptake of certification scheme in Nigeria Oso, Oluwatosin; Ilesanmi, Michael; Siakpere, Elijah

Defining industry standards on skills and performance for IA practitioners Valenzuela, Annabelle Vitti Corpuz

#### Community benefit sharing funds: Changemakers or appeasement?

#### Thursday 25 April | 11:00-12:30 | Wicklow Meeting Room 3

Paper session Chair(s): Rebecca Roebuck Section: Social Impact Assessment

This session will explore the use of Community Benefit Sharing Funds in energy and resource projects, with a focus on their effectiveness as mechanisms for facilitating social change. Learnings will be shared based on case studies from energy & resource projects in different geographic regions.

Differences in the management of community benefits funds in Scotland Gowens, Becca; Major, Laura

Going beyond the "just enough" social approach in renewable energy projects Galeano Galán, Alejandra; Pittaluga, Andrea

The role of social impact assessment in shaping community benefit schemes Kanaris, Andrea

# Decolonizing SIA through the attitudes and beliefs of practitioners

Friday 26 April | 16:00-17:30 | EcoCem Paper session Chair(s): Alex Cisneros Section: Social Impact Assessment

This session will discuss the role of attitudes and beliefs in SIA practitioners in a two-fold effort to: 1) decolonise relational practices in SIA, and 2) create more equitable and culturally competent regulatory structures, both essential for a socially just and inclusive transformation.

Baffled systems or culturally incompetent impact assessment Munday, Jane

Who tells the story in SIA? Wellmann, Gwendolyn

Analysis of the Implementation of the UNDRIP through regional assessments Butler, Mathilde

Attitudes, behaviors and practices that perpetuate coloniality in project-community relations *Cisneros, Alex* 

#### **Economic impact assessment**

#### Thursday 25 April | 11:00-12:30 | Liffey Meeting Room 3 Paper session

Chair(s): Ben Cave

Economic impact assessment (EcIA) plays an important role in an overall impact assessment process. However, there are challenges as how to incorporate goals of economic development such as quality of life or sustainability in EcIA. A range of international case studies demonstrating how to address these challenges is provided.

### The economic and social struggle of PAPs in integrating into new settlement

Yeboah, Irene; Buanya, Beryl Adormaa; Gabby Hayes, Antoinette Salmata

Navigating the decarbonization-decolonization nexus: Roles and limits of cost-benefit analysis Wright, David

Embedding socio-economic benefits and ecosystem services on ENR management Villaluz, Maya Gabriela

Generating wellbeing is a must, not an option Ruiz, Yaddy; Amaya, Andres; Paz, Ariel

#### Fair compensation for Just Transformation

#### Thursday 25 April | 11:00-12:30 | Wicklow Meeting Room 4 Paper session

Chair(s): Satoshi Ishihara, Ben Elder

The session addresses the challenge of involuntary resettlement of Indigenous communities, a critical risk to achieve Net Zero and Just Transition which needs construction of many alternative, renewable power generation and transmission capacity that often require large-scale displacement of vulnerable local communities.

Public sector and hydro-power in Nepal: Organization and management issues Soeftestad, Lars; Holics, Michael

Valuation and compensation under World Bank projects in Georgia and Armenia Jijelava, David; Msryan, Sonya

Hydroelectric dams in Iran: Involuntary displacement of local Indigenous people Meysami, Parand

What can issues in operationalizing FPIC tell us about fair compensation? Sztucka, Julia

#### Gender in impact assessment: Work from Canada and Africa

#### Friday 26 April | 11:00-12:30 | Liffey Hall 1 Paper session

Chair(s): Dawn Hoogeveen

Gender and intersectionality are significant sites of inquiry in Impact Assessment that attend to overlapping identity factors like race, religion, age, and ableism. This session is on intersectional and gender Impact Assessment research and practice. Case studies and theoretically informed papers on work in Canada and Africa will be presented.

#### Team Gooze: Indigenous response to gendered violence and industrial activity

Patrick, Betty; Gibson MacDonald, Ginger; Power, Verna

Unpacking GBA+: Experience from Canada Johnston, Anna

#### Culturally relevant gender-based

analysis in impact assessment Stone, Kathryn; Castleden, Heather; Masuda, Jeff; Bates-Eamer, Nicole; Lewis, Diana

#### The impact of mining on women's agency: The role of local content policies Ba, Djeynaba

Social impact assessment methods and participation of marginalized groups Equnyu, Felicitas; Boakye-Danquah, John

# It's a beautiful day for social and human rights IA: EU too play a role

#### Thursday 25 April | 16:00-17:30 | EcoCem Workshop

Chair(s): Ana Maria Esteves, Francesco Tricoli

Not famous Irish rock band karaoke. Don't miss out on this workshop and finding out what new EU legislation means for social and human rights practitioners globally. The Corporate Sustainability Reporting Directive is happening - with or without you.

### GENERAL IMPACT ASSESSMENT

## Asian S3EA: Strategic, spatial and sustainable EA (I)

#### Saturday 27 April | 11:00-12:30 | Liffey Hall 1

Paper session Chair(s): Myungjin Kim

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

### A SimCity EIA approach to facilitate Just Transformation?

Wong, Raymond; Kwok, Grace

#### A sustainability assessment tool of GIS,

LCA, and social costs for energy

### Phuong, Ngo; Htoo, Tin

#### Community response to wind power projects in Japan

Zhang, Wei; Nishikizawa, Shigeo; Murayama, Takehiko; Suwanteep, Kultip

#### Ecological awareness in environmental

assessment: The case of Thailand

Swangjang, Kanokporn

#### Just Transformation and KSEIA

Kim, Myungjin; Jeon, Sookjin; Jung, Jong-Gwan

# Asian S3EA: Strategic, spatial and sustainable EA (II)

#### Saturday 27 April | 14:00-15:30 | Liffey Hall 1

Paper session Chair(s): Takehiko Murayama

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

Integration of SEA into strategic decision making: Amaala case study

Farkh, Ruba; Alhmoud, Faisal

Limitations and improvements for

Korea's SEIA and NLPE system Lee, SeonGyeong; Kim, YeonJu; Lee, DalByul; Jung, JuChul

Synergies of blue economy and circular economy for IA in tourism sector Niyommaneerat, Wilailuk

### The impact of integrated impact assessment on urban planning: Korean cases

Kim, Yeonju; Jung, Juchul; Lee, SeonGyeong; Shin, Hyunsuk; Ha, Gyoungjun

Timor Leste: SEA in the context of a country with no national SEA regulation

Annandale, Darko; Annandale, David

### Notes

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#### Environmental management strategies and ethical professional practice for a Just Transformation

#### Saturday 27 April | 11:00-12:30 | Wicklow Hall 2A

Workshop Chair(s): Alan Chenoweth

Can IA strengthen environmental management strategies and ensure investments benefit Indigenous peoples and peasant communities for a Just Transformation? Ethical professional practice is also critical: community trust in developer-funded IA requires commitment to integrity, truth and professional ethics as well to sustainability. IA practitioners must balance their often competing obligations.

Land resource management and net-zero target Chinweze, Chizoba

Ethical basis for a Just Transformation Jenkins, Bryan

Ethical challenges in environmental impact assessment Chenoweth, Alan

# Practical cases on cumulative impact assessment in the Global South

#### Friday 26 April | 11:00-12:30 | Wicklow Hall 2B

Panel discussion Chair(s): Juan Carlos Paez

Discussing practical cases (with focus on the Global South), a panel will analyze the overall state of the art of Cumulative Impact Assessments and their corresponding mitigation plans. The panel will also evaluate the appropriateness of available tools to perform such assessments.

Cumulative impact assessment: A living process Paez Zamora, Juan Carlos

Cumulative IA guide for renewable energy, Northern Cape, South Africa Cloete, Peter; Asante-Owusu, Rachel

Cumulative impact assessment in Japanese EIAs Shibata, Yuki; Morita, Mai

CIA for renewable energy projects that support nature positive goals Asante Owusu, Rachel; Dakmejian, Annie

Cumulative impacts on riverine communities in the Amazon, Brazil Mandai, Silvia; Bohlman, Stephanie; Moretto, Evandro

#### The power of communication!

#### Wednesday 24 April | 15:00-16:30 | Liffey Meeting Room 1 Solution room

Chair(s): Susana Rosa

Efficient communication can be a big challenge. In this session, we aim to attract presenters who are eager to share diverse communication strategies within the scope of Impact Assessment. Join us to inspire and be inspired!

Experiences of communication and consultation on Indigenous IA studies Ingles de Sousa, Cássio

Effects of traffic on heavy metal and hydrocarbon contents of food Items Ojo, Adeolu; Bakia, Mbianyor

Your EIA report online: Easy, attractive and in minutes! Eijssen, Paul; Moekotte, Tom

### SPECIAL TO IAIA

#### Meet the editor

Saturday 27 April | 14:00-15:30 | Wicklow Hall 2A

Workshop Chair(s): Urmila Jha-Thakur

Are you considering writing an article or professional practice paper on impact assessment but aren't sure where to start? The editor 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.

#### MEET THE AUTHORS AT THE WELCOME /POSTER RECEPTION!

#### Wednesday 24 April | 17:00-18:30 | The Forum

Growth of riverine vegetation and its impact on flood levels Baek, Donahae; Kim, Won

Contaminated sediments dredging activities in Piaçaguera Channel, Brazil Bevilacqua, José Eduardo; Sobral, Fernanda

Renewable energy in Mpumalanga (South Africa): On a wing or a prayer? Cowden, Gavin; Luyt, Robyn

Moving cumulative impact assessment for offshore wind energy planning in emerging markets Dibo, Ana Paula Alves; Sánchez, Luis Enrique; Duarte, Carla Grigoletto; Siqueira-Gay, Juliana; Turra, Alexander

Modernization of recycling programs in remote Cree First Nation communities Franks, Kristy; Macdonald, Howard; House, Sheree; Blacksmith, Whitney

Health impact assessment status and improvement in South Korea Ha, Jongsik

What value does health impact assessment bring to the planning process? Hallab, Omar; Nelson, Lisa; Mahamithawa, Senuri; Policarpo, Eva; Hirono, Katie; Pyper, Ryngan

Development of EIA review support system in the marine environment field

Kim, Taeyun; Kim, Kyoungmin; An, Junyeong

Environmental Impact Assessment Advance Review System Kim, Kyoungmin; Jeon, Hyungjin; An, Junyeong

Ecological impacts of artificial light at night in Korea Lee, Sangbum

A study on the scoping of the EIA system in South Korea Lee, Jiye; An, Junyeong

Leveraging Indigenous knowledge to recover caribou populations

McGrath, Harrison; Cyprien, Lori; Fung, Brian; Hervieux, Anne; Wagner, Chris; Leech, Susan

Air quality management planning: a decision-support tool in South Africa Mukwevho, Phathutshedzo; Retief, Francois; Burger, Roelof

Renewable energy monitoring method: Solar system in South Korea

Oh, Dae-Sik; Choi, Chang-Wan; Lee, Seung-Hyun

The use of soil contamination record management system in the Republic of Korea Park, Jung Auk

Machine learning for urban noise mapping

and environment impact assessment Park, Taeho; Lee, Byungkwon; Kim, Kyoungmin; Park, Youngmin

Gender matters: Impact assessments and accountability Repetto Vargas, Andrea Food security assessment in Canadian offshore petroleum SEA practice Rohr, Veronica; Blakley, Jill; Loring, Phil

The Citxw Nlaka'pamux Assembly: Nlaka'pamux Impact Assessment Framework Ross, Natalie; Desrosiers, Sarah

The study about council summary of the RE Sea Area Utilization Act Seki, Masahiro; Takeuchi, Ayano

Mapping of mapping: The role of spatial decision-support tools Serrano Timonet, Diana; Larsen, Ragnvald

Scoping workshop for EIA of waste treatment facility project Shin, Kyung-hee; Lee, Jae-hyuck; Park, Jong-moon; Kongjang, Kongjang

Positive impact assessment in Japanese local EIAs Takahashi, Katsuhide; Shibata, Yuki

To achieve Just Transformation by EIA review process: Taiwan as case study Tsen, Lin-Pin; Yang, Chih-Kai

Qualitative methods for next generation impact assessment Walker, Heidi; Sinclair, John

Managing community impacts through enhanced collaboration: The Komo Airport *Wingi, Marilyn* 

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

# Awards



### Lifetime Achievement Award

The Lifetime Achievement Award honors **Yaw Amoyaw-Osei** (Ghana) for his vast wealth of knowledge, teaching experience, and activity in organizations such as IAIA-Ghana that help inform and train others in impact assessment.

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.



### Institutional Award

The Institutional Award is presented to the **Certified Environmental Practitioner (CEnvP) Scheme of Australia and New Zealand** for its significant contribution to advancing the recognition and setting the standard of impact assessment practitioners since 2010.

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.



### **Regional Award**

The **Volunteers of IEMA** receive the Regional Award in recognition of their unwavering dedication to advancing the field of impact assessment, exceptional leadership, and commitment to best practices.

The IAIA Regional Award is awarded to an individual or organization that has made a substantial contribution to the field of impact assessment and/or has taken a leadership role in promoting best practice in impact assessment within the general world region of the location of the conference for that year.



### **Individual Award**

**Claudia Valls** (Argentina) receives the Individual Award for her long-standing career of teaching, publishing, and speaking out for environmental laws.

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.



### Young Professional Award

The Young Professional Award is presented to **Kamau Ndirangu** (Kenya) for his environmental and water engineering work around the world and for his willingness to share his knowledge with peers and clients alike.

Acknowledges a distinguished IAIA member under the age of 35 with outstanding achievements in the impact assessment field.

Nominations for 2024 Awards will open soon. Please watch https://www.iaia.org/awards.php for more information.



### **Outstanding Service to IAIA**

Luis Montañez-Cartaxo (Mexico) is recognized with the Outstanding Service to IAIA Award for his unwavering generosity and commitment to impact assessment. As a dedicated member for over 20 years, Luis has filled many roles, including Conference Chair, Board President, Board Secretary, Committee Chair, webinar presenter, and conference attendee.

The IAIA Board of Directors selects the recipient of the Outstanding Service to IAIA Award, which recognizes one or a small number of key individuals within IAIA who have provided exceptional service to IAIA as an organization over a number of years.



### **Global Award**

**Hydropower Sustainability Alliance** receives the Global Award for developing sustainability assessment tools culminating with the recent Hydropower Sustainability Standard (HSS) for the hydropower sector.

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



NIIWIN WENDAANIMO

### **Corporate Initiative Award**

**The Harmonized Impact Assessment model** used on the Twinning of the TransCanada Highway 17 Project is recognized with the Corporate Initiative Award. This creative model was developed through a partnership between **Narratives** and **Niiwin Wendaanimok**.

The IAIA Corporate Initiative Award is presented to a private or public sector company for a specific activity or project that has made a notable contribution to responsible development practice through the application of impact assessment.



### IAPA Best Paper of 2023

The 2023 IAPA Best Paper Award is presented to **Francois Retief**, **Alan Bond**, **Angus Morrison-Saunders**, **Jenny Pope**, **Reece Alberts**, **Claudine Roos**, **and Dirk Cilliers** for their paper "Gaining a deeper understanding of the psychology underpinning significance judgements in environmental impact assessment (EIA)" IAPA 41:4, 250-262.



### Rita R. Hamm IA Excellence Scholarship

Mathilde Butler is enthusiastic and passionate about the fight against climate change through environmental justice. She loves to read and act upon diverse components related to impact assessment, such as food security, extractivism and the assertion of Indigenous rights.

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.

# **Exhibitors**



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International Association for Impact Assessment Headquarters Office 3212 14th Avenue South Suite 1, Fargo, ND 58103 USA +1.701.297.7908

info@iaia.org | www.iaia.org