

FINAL PROGRAM

IAIA Special Symposium

Water and Impact Assessment: Investment, Infrastructure, Legacy

1 - 2 September 2016

VENUE: Bishop Grosseteste University (BGU) Longdales Road, Lincoln LN1 3DY United Kingdom



THIS SYMPOSIUM IS PROUDLY SPONSORED BY:

Royal HaskoningDHV Oxford Brookes University



Theme / Daily Agenda

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WATER AND IMPACT ASSESSMENT: INVESTMENT, **INFRASTRUCTURE, LEGACY**

Water is the most important resource on this planet, and a significant proportion of global investment and infrastructure is concerned with ensuring its supply, management, quality, and transportation. Every €1 invested in clean water can yield €4–€13 in economic returns, but when its use becomes unsustainable and its supply limited, polluted, or even too abundant during flood events, our society and its infrastructure can fail.

All forms of development interact with water at a physical, policy, regulatory, social, or cultural level. In the face of future climate change adaptation and mitigation, new infrastructure will need to be resilient to both current and future hydrological risks. The impact assessment (IA) of water effects for new infrastructure or waterrelevant policies, plans, and programmes (through EIA or SEA, for example) is a complex and critical step within the appraisal of investment, operational, or future sustainable management cycles.

WEDNESDAY, 31 AUGUST

Pre-symposium walking tour (meet in front of the BGU 15:30-18:30 Refectory building; pre-registration required)

THURSDAY, 1 SEPTEMBER

08:30-10:00	Registration (Sayers Room, Constance Stewart Hall) and welcome coffee (Eliot Room, Constance Stewart Hall)
10:00-12:15	Opening plenary (Eliot Room, Constance Stewart Hall) <i>Welcome and opening comments</i> Ross Marshall , Symposium Chair
	<i>Keynote addresses</i> "Too much water, too little water - what to do?" Paul Leinster , Professor, Cranfield University
	"Can't live with it, can't live without it: Reflections on infrastructure, human impacts, and water" Cathy Baldwin , Research Academic, Oxford Brookes University
	"Perspectives on infrastructure investment and water commons" Will McBain, Associate Director, Arup
	"To Fetch a Pail of Water" Trevor Pacey , Retired (past Area Manager, Anglian Water)
12:15-13:30	Lunch (The Refectory)

13:30-15:00	Parallel sessions
15:00-15:30	Coffee break (The Refectory)

15:30-17:00 **Parallel sessions**

17:30-19:00 Welcome reception (Eliot Room, Constance Stewart Hall; pre-registration required) Proudly sponsored by Royal HaskoningDHV

FRIDAY, 2 SEPTEMBER

08:30-09:00	Registration (Sayers Room, Constance Stewart Hall) and morning coffee (Eliot Room, Constance Stewart Hall)
09:00-10:30	Parallel sessions
10:30-11:00	Coffee break (Futures Building First Floor Landing)
11:00-12:30	Parallel sessions
12:30-13:30	Lunch (The Refectory)
13:30-15:00	Panel discussion: BREXIT, Impact Assessment, and the Water Sector (Eliot Room, Constance Stewart Hall)
15:00-15:30	Closing discussions and wrap-up (Eliot Room, Constance Stewart Hall)

Session overview

	BG FUTURES BUILDING Conference Suite 1	BG FUTURES BUILDING Conference Suite 3	CONSTANCE STEWART HALL Lewis Room	
Thursday,	Thursday, 1 September			
10:00-12:15	Opening Plenary (Eliot Room, Constance Stewart Hall)			
13:30-15:00	Impact assessment, flood risk, and coastal management	Impact assessment applications in the water sector	The consideration of water in impact assessments in other sectors	
15:30-17:00	Catchment and landscape plans and strategies	National models and regulatory frameworks for water management and impact assessment	Nationally significant infrastructure, water, and impact assessment?	
Friday, 2 September				
09:00-10:30	Climate change adaptation and impact assessment	EIA Directive	Water and impact assessment: Open session	
11:00-12:30		Transposing the amended EIA Directive	Poster Session (Eliot Room)	
13:30-15:00	Panel Discussion: BREXIT, Impact Assessment, and the Water Sector (Eliot Room, Constance Stewart Hall)			
15:00-15:30	Closing discussions and wrap-up (Eliot Room, Constance Stewart Hall)			

<u>Notes</u>	



View of Lincoln, UK

Keynote speakers



Paul Leinster

Professor Paul Leinster CBE has over 40 years of practical experience in environmental science, policy development, and implementation in the private, public, and academic sectors. Paul is currently a Professor of Environmental Assessment at Cranfield. Prior to this he was Chief Executive of the UK's Environment Agency, where he developed and promoted the concept of modern environmental regulation. He has had a leading role in the European and worldwide networks of environmental regulators, including chairing the Heads of European Environment Protection Agencies Better Regulation Group. At the request of the UK Government, Paul chaired the National Drought Group and the National Bathing Water Group. He is a member of the government's Natural Capital Committee, the Centre for Ecology and Hydrology's Advisory Committee, and the Scottish Government's Rural and Environment Science and Analytical Services Strategic Advisory Board. Paul also chairs the Bedfordshire Local Nature Partnership and is a board member of the Institute of Environmental Management and Assessment.



Cathy Baldwin

Dr. Cathy Baldwin trained as a social anthropologist and works as a researcher and impact assessment consultant. She is a Research Associate in Anthropology at the University of Oxford and Visiting Research Academic in the Faculty of Technology, Design, and Environment at Oxford Brookes University. Cathy also works with the independent consultancy Ben Cave Associates on health impact assessments. Cathy's current research focuses on the social and health effects of urban design and infrastructure planning and urban social sustainability and community resilience in the face of climate change. Cathy was formerly a Research Fellow at the World Resources Institute in Washington, DC, a Social Scientist at Atkins, and began her career as a reporter for BBC World Service Radio.



Will McBain

Will McBain leads Arup's work in the sphere of water environment and flood risk across the UK, Middle East, and Africa. He leads a team of over 20 environmental scientists, civil engineers, hydrologists, and hydraulic modellers that develops bespoke solutions to a wide range of water and environmental problems. These solutions have a strong focus on social, environmental, and economic sustainability. He has a particular expertise in appraisal and water-related environmental impact assessment. He is currently leading Arup's work for Sheffield City Council on a major flood protection program and is Arup's water environment and flood risk EIA discipline lead for HS2 Phase 2a.



Trevor Pacey

Trevor Pacey was an Area Manager for drinking water supplies for Anglian Water, working in Western Lincolnshire and East Nottinghamshire in the United Kingdom. Trevor began his career as an electrician. He became a water engineer and later a Manager and Area Manager within Anglian Water. Trevor is now retired and has written a book on water in Lincoln, covering Roman to modern times.

Parallel sessions

DAY ONE | THURSDAY, 1 SEPTEMBER 13:30-15:00

Impact assessment, flood risk, and coastal management

BG Futures Building: Conference Suite 1

Chair: Ross Marshall

This session discusses developments in EIA/SEA and flood risk management. How has development of River Basin Management Plans and other national legislation relating to flood risk management changed or challenged practice in water IA? What lessons can be learned from the flood events experienced throughout Europe and the application of EIA?

Ecosystem DRR and the impact of floods

Charles Kelly

Assessing and communicating the impact of ecosystem disaster risk reduction at the project impact assessment and design stages, focusing on community-led flood risk management.

Three-pronged approach to HK drainage management

H.S. Kan (Co-authors: Raymond Tai, H.K. Chan, and Ellen Chang) A three-pronged approach comprising uphill flood interception, midstream flood storage, and downstream drainage improvement forms the pillar to protect the densely-populated sub-tropical city.

Post-flood disaster forensic investigation

Bridget Durning (Co-authors: Martin Dolan, Daniela Molinari, Nicholas Walliman, Scira Menoni, and Shahrzad Amouzad)

To explore whether or not existing data can be used for disaster forensic analyses, this paper focuses in detail on the closure of the Mythe Water Treatment Plant during the 2007 floods in UK.

The case of Canal del Dique

Hugo Woesthuis

Presentation dedicated to the Canal del Dique project (Colombia), its background, and the way resilience is dealt with in the planning study.

Impact assessment applications in the water sector

BG Futures Building: Conference Suite 3

Chair: Thomas Fischer

This session provides a platform for a wide range of papers focusing on various topics connected with water planning and management and IA. This includes consideration of IAs applied to policies, plans, programs, and projects of, e.g., water management, quality, drought, storage, transport, flood protection, abstraction, and catchment/river/aquifer management.

Marker Wadden: an EIA enabling innovative designs

Jasper Fiselier

Licensing requires concrete statements regarding environmental effects. Contractors prefer functionally specified requirements allowing design optimization. The EIA for Marker Wadden matches both needs.

Assessing the benefits of SuDS to support IA

Bruce Horton (Co-authors: Richard Ashley, Chris Digman, Adam Bayliss, Brian Smith, and Paul Schaffer)

Provides an overview of the Benefits of SuDS Tool (BeST), how it can be used and how it can support impact assessments and decisions. It illustrates BeST using case studies.

The new era in IA reporting: a pilot study

Paul Eijssen

Impact assessment reporting is still very much about old school text and paper formats. We explore the need for a step change and present opportunities and challenges for digital IA.

Integrating WFD compliance within EIA

Owen Tucker & Catherine Anderson WFD Assessment can be effectively aligned with EIA to drive the design of more environmental friendly and sustainable developments with positive outcomes for the water environment.

The consideration of water in impact assessments in other sectors

Constance Stewart Hall: Lewis Room

Chair: Charlotte Beattie

This theme focuses on how IA applied in different sectors considers effects on water in various ways. This may include water quality, flooding, drainage, and others. Presentations on IA applications in all possible sectors are possible, including mining, energy, transport, industry, agriculture, local, and other plans.

Environmentally sound development of offshore wind

Jens Luedeke

For an environmentally sound development of offshore wind, an effective spatial planning, the use of mitigation measures, reforms of the EIA, and the introduction of compensation measures is indicated.

IA in blue-green corridor design: Wandle Park

Marc Pieris (Co-author: Ian Dennis) The Impact Assessment process played an important role in shaping the design of a new river channel and associated blue-green infrastructure benefits on the River Wandle in Wandle Park, Croydon.

Critically analyzing the EIA's social component

Raquel Hadrich Silva (Co-author: Tatiana Walter) This study aims to advance in seeking the solution of the problems caused to traditional fishing communities by political development projects in Brazil.

The use of Ecostatus to build a better baseline

Kathryn Edwards

Ecostatus is a field-based survey tool used to improve baseline assessment and project design. A scoring process is used to demonstrate the environmental or social benefits delivered by the project.

DAY ONE | THURSDAY, 1 SEPTEMBER 15:30-17:00

Catchment and landscape plans and strategies: Ecosystem services and other Issues

BG Futures Building: Conference Suite 1 *Chair: Bridget Durning*

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Considering water infrastructure/catchments, this session will look at IA and ecosystem service models/practices, seeking to answer questions such as: Where to invest and how much? What strategic options to pursue? How to engage communities? How to calculate/measure environmental benefits? How to ensure equitable processes?

Modelling landscape opportunities, multiple benefits and impacts Charlotte Beattie

The opportunities for these types of measures, their benefits and impacts require a combination of techniques from multiple constraint and opportunity mapping, whole-catchment flood risk modelling, and spatial impact assessment.

Parallel sessions

Urmia Lake and water development

Fatemeh Khosravi (Co-authors: Thomas Fischer and Urmila Jha) Urmia Lake, located in Iran, is the second largest saline lake in the world. The Urmia Lake environmental disaster is similar to the catastrophic death of the Aral Sea.

Natural Flood Management and IA

Mark Ross

Natural Flood Management schemes have clear potential benefits for sustainable management. EIA, ecosystems services, and integrated catchment planning can enhance, inform, and shape its flood function whilst maximizing its secondary community benefits.

IA & water: Three complex developmental challenges

John Henry Looney

The presentation addresses three different IA challenges – a biomass plant beside a Habitats site, life-cycle carbon IA for a Tidal Lagoon plant, and a paper company's treatment of hazardous waste before fluvial discharge.

National models & regulatory frameworks for water management and IA

BG Futures Building: Conference Suite 3

Chair: Johann Koeppel

With this session, we wish to explore the degree to which IA covers and can make an impact on the regulatory frameworks for the management of water, focusing on policies, plans, programs, and projects. Have we covered all projects, and have we set proper screening thresholds?

IA and water regulatory frameworks in Mexico

Angeles Mendoza Sammet

This paper analyzes the influence that the changes in the regulatory framework in Mexico may have on the application of impact assessment for water resources management.

IA and freshwater management reform in New Zealand

Richard Morgan

The reform process was not informed by SEA, while irrigation infrastructure projects challenge IA processes at the local level.

IA of Scotland's National Marine Plan

Amanda Chisholm

This paper discusses the planning process, challenges, solutions, and lessons learned during the sustainability appraisal of Scotland's National Marine Plan.

Nationally significant infrastructure, water, and impact assessment?

Constance Stewart Hall: Lewis Room

Chair: Josh Fothergill

Infrastructure projects are key to national growth and IA is key to gaining consent, but how well is water considered in this process?

EIA and WFD for major infrastructure projects

Steve Anderton (Co-authors: Greg Whitfield and Mark Barnett) An approach to integrating water EIA and WFD compliance assessment for Nationally Significant Infrastructure Projects, based on experience in the nuclear and electricity transmission sectors.

Legacy social impacts a hydro-electricity complex

Nick Taylor (Co-authors: Michael Mackay and Harvey Perkins) A cascade of dams, lakes, and hydro-electricity infrastructure has created cumulative, economic, and social impacts on rural people and communities, amenity values, recreation and tourism, and aquaculture.

The Assessment of Water Resources for Crossrail 2

Megan Durrant (Co-author: Charles Jones)

On Crossrail 2 collaborative working will help achieve an EIA that is relevant, proportionate, and meets the needs of regulators, businesses, and the public.

Forecasting water quality effects: HPP Castanheira

Karen Dinucci (Co-authors: Irineu Bianchini Jr., Eli Ana Traversim, and Humbert Teixeira)

Making better socio-environmental and economic decisions using mathematical modelling to forecast water quality effects during the filling phase of the HPP Castanheira reservoir, Arinos River, Brazil.

DAY TWO | FRIDAY, 2 SEPTEMBER 09:00-10:30

Climate change adaptation and impact assessment

BG Futures Building: Conference Suite 1 *Chair: Rufus Howard*

Climate change is identified as an important new challenge by EIA Directive 2014/52/EU. Higher governance and planning levels are also important for climate change adaptation. The water sector is particularly influenced by climate change. Let's share and discuss experiences with incorporating climate change impacts and adaptation into water EIA/SEA.

Assessing water impacts for a mine development

lan Dennis (Co-authors: Alec Irving and Christa Page) This presentation explains how an effective, integrated water impact assessment process was developed and applied to help secure consent for a large mine in northern England.

Effectiveness of SIA in dam construction projects

Soodeh Hekmatnia (Co-author: Rasoul Ghaffari Rad) Effectiveness and the role of social impact assessment in water resources management by proposing mitigation measures and evaluating social indicators.

Consideration of climate change impacts and adaptation in EIA practice: Perspectives of actors in Austria and Germany

Thomas Fischer

This paper looks at the extent to which EIA contributes to an early consideration of climate change adaptation in planning in Germany and Austria.

Towards a sounder flow in dam shaped rivers?

Johann Koeppel (Co-author: Hagen Koch) Combining hydro- and wind power can improve flow regimes and the anyire mental status in dam shared size heating to the

the environmental status in dam shaped river basins. It allows for alternatives in the making of relevant EIA's and SEA's.

EIA Directive

BG Futures Building: Conference Suite 3

Chair: Stephen Mustow

This session focuses on applications of IA in the water sector that follow the EIA Directive.

The new EIA Directive and UK water IA practice

Stephen Mustow

Implications of the new EIA Directive (2014/52/EU) for water environment IA practice in the UK, including consideration of current practice and how this needs to change to meet the new requirements.

Competent experts: Delivering sustainable projects

Josh Fothergill

As the need to respond to sustainability challenges and apply innovative solutions increases, are we developing the right competence and expertise in the EIA and wider professions?

Using Ecosystem Services in long-term SEA

Nicola Levy (Co-authors: Philip Le Gouais and Stuart Smith) How do you account for uncertainty in an SEA over an 85-year period? Is replacing traditional policy-focused objectives with ecosystem serviceoriented objectives a better way?

Planning for redevelopment of waterways

Arjan Hijdra (Co-author: Jos Arts)

This paper discusses how societal value can be integrated when planning for redevelopment of waterways .

Water and impact assessment: Open session

Constance Stewart Hall: Lewis Room

Chair: Phil Le Gouais

This is an open session for papers that do not fit any of the set themes.

Integrating resilience and adaptation in EIA

Phil Le Gouais (Co-authors: James Montgomery, Henry Le Brecht, and Josh Fothergill)

This paper welcomes debate on the issues considered in the development of IEMA's guidance on Adaptation and Mitigation in EIA.

IA of seawater desalination plants: case study

Alvaro Adam

This presentation will provide comprehensive information on major impacts in seawater desalination plants focusing in the following case study: ESIA for the Gaza Central Desalination Plant.

Perceptions of impact and the assessment toolbox

Amy Cocker

This paper considers the negative perceptions of environmental damage associated with river management actions proposed in response to flood risk and tools which can address these.

Unconscious bias and proportionate assessment

Claire Vetori

Are our assumptions or unconscious bias inadvertently getting in the way of effective scoping in EIA? This session explores the 'position interest and needs' model to improve stakeholder engagement.

DAY TWO | FRIDAY, 2 SEPTEMBER 11:00-12:30

Transposing the amended EIA Directive

BG Futures Building: Conference Suite 3 *Chair: Jo Murphy*

In 2014 the European Union EIA Directive was amended to improve quality of practice, streamline the process, and enhance coherence of EIA across the 28 Member States. The invited panel members will discuss their views on how transposing these new requirements into national laws is progressing.

Panelists:

- Jo Murphy, Environment Agency
- Rufus Howard, Royal HaskoningDHV & IEMA IA Network
- Thomas Fischer, University of Liverpool
- Amanda Chisholm, Scottish Government

Poster Session

Constance Stewart Hall: Eliot Room

Chair: John Fry

View the following posters on display. Poster presenters will be available during this session to discuss their topics.

Advancing climate change resilience and adaptation in UK EIA Phil Le Gouais

The IEMA EIA Guide for Climate Change Resilience and Adaptation provides a framework for the effective consideration of climate change in line with the revised 2014 EIA directive.

Design guidelines for rainwater storage parks in urban green spaces Seunghyun Jung

This study delineates urban retention parks and provides corresponding guidelines for governments and landscape architects. The guidelines include detailed design standards for stormwater detention.

IA education for future water professionals at UNESCO-IHE

Angeles Mendoza Sammet

This poster describes how IA has been integrated in the curriculum of the UNESCO-IHE Institute for Water Education and the challenges to enhance IA learning in students.

Addressing land as a resource through Strategic Environmental Assessment?

Annegret Repp

In the context of the revised EIA Directive, the poster presents a framework for analysing the factor 'land' in current environmental assessment practice and discusses further options.

DAY TWO | FRIDAY, 2 SEPTEMBER 13:30-15:00

Panel Discussion: BREXIT, impact assessment, and the water sector

Constance Stewart Hall: Eliot Room *Chair: Ben Cave*

During this discussion, key speakers will elaborate on what BREXIT may mean for the water sector, the management of water resources, and waterrelated impact assessment. Panelists to be confirmed.

PRE-SYMPOSIUM TOUR

This guided heritage walk, under the guidance of a local water historian, will start at the University campus and will finish around 18:00 at a local hostelry to allow delegates to network and make new friends.

The walking tour will explore the city's historic Cathedral Quarter, in particular its 2000-year-old Bailgate area—now a medley of Roman, Medieval, Tudor, and more recent heritage buildings. It is designed to give delegates an introduction to the city and to encourage delegates to explore many of the sights on offer during their visit to Lincoln.

Amongst the many heritage buildings to be viewed, we will visit the 104-year-old, 120-foot-tall Westgate Water Tower, designed by Victorian architect Sir Reginald Blomfield. The group will be greeted by Anglian Water's Area Manager who will explain the history of the tower, and hopefully open it so that delegates can see inside the tower and examine the steel-plated water tank within (designed by the same creators of the Titanic).

The tour will depart from the front of the Refectory building on the BGU campus. Please plan to check in for the tour a minimum of 15 minutes prior to the noted departure time. Participants will be required to sign a liability release waiver upon check-in for the tour. Comfortable clothing and walking shoes recommended.

Wednesday, 31 August |15:30-18:30 Meeting point: In front of the BGU Refectory Pre-registration is required.

WELCOME RECEPTION

Enjoy the art deco style of the University's Eliot Room in Constance Stewart Hall or stroll outside its windows onto the grounds of the University while enjoying hors d'oeuvres and a refreshing drink at the end of the first day. The welcome reception is an excellent opportunity to network, meet old friends and colleagues, and make new ones to get your symposium off to a great start.

Thursday, 1 September | 17:30-19:00 Location: Eliot Room, Constance Stewart Hall Pre-registration is required. Proudly sponsored by Royal HaskoningDHV

SHARE WITH PHOTOS

Participants are encouraged to share symposium photos with Headquarters staff for posting on IAIA's Facebook page and other uses. Please identify the location, the individuals pictured, and the photographer, and send your photo(s) to info@iaia.org.

If you are posting symposium photos on your Instagram, Facebook, or Twitter account, please tag #iaiawater so the photos can be collected and shared throughout IAIA as well.

LIVE TWITTER FEED

Are you keen to share your thoughts on a presentation or reflect on the day's events? Symposium participants are encouraged to tweet throughout the event on the hashtag #iaiawater. A summary of the tweets will be posted in the symposium proceedings.

Save the date!

37th Annual Conference of the International Association for Impact Assessment 4-7 APRIL 2017 | LE CENTRE SHERATON MONTRÉAL HÔTEL MONTRÉAL, CANADA



IMPACT ASSESSMENT'S CONTRIBUTION TO THE GLOBAL EFFORTS IN ADDRESSING CLIMATE CHANGE

ABSTRACTS INVITED THROUGH 31 OCTOBER 2016

conferences.iaia.org/2017

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TRANSPORTATION & ACCOMMODATION

For transportation, accommodation, and other travel details, please visit http://conferences.iaia.org/ukwater/plan-your-stay.php.

MEALS

The symposium registration fee includes lunches and coffee breaks on 1 and 2 September. Based on registration forms, IAIA has estimated a percentage of vegetarian meals. This does not guarantee accommodation of individual preference or special need.

INTERNET ACCESS AND BUSINESS SERVICES

Free wifi is available throughout the BGU campus.

Presenters are responsible for supplying their own session or poster materials. Because of rental costs that would necessarily be passed on to all delegates in the form of higher registration fees, IAIA does not provide copying, printing, computers, or other business services. Please plan to arrive prepared, or contact your hotel in advance to ensure that it offers any facilities you may need.

Parker Publishing Services (20 West Parade, Lincoln LN1 1JT; Tel: 01522 544759) can provide private printing and photocopying services.

PAYMENT AND CANCELLATION POLICIES

All symposium participants, including delegates, sessions chairs, invited speakers, organizers, exhibitors, and paper and poster presenters, are required to register for the symposium at the posted rates. IAIA does not have funds available to pay registration and/or travel expenses for program participants.

Registration is not confirmed until payment has been received and a receipt has been issued. Pre-registration and pre-payment by 12 August 2016 were required; cash payments on-site will not be accepted.

Written requests for cancellation received before 12 August 2016 received a refund less a US\$125 processing fee. After 12 August 2016, no refunds will be issued for cancellations or no-shows. Substitutions for paid registrants may be made in writing without financial penalty.

VIDEO/AUDIO POLICY

Individuals officially identified by IAIA may photograph, videotape, and/ or audiotape symposium events. By attending the symposium, you agree to allow your image to be used by IAIA.

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

INSURANCE AND LIABILITY

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

ACCESSIBILITY

Attendees with a disability and/or special accessibility needs were asked to contact the Program Committee by 12 August to make arrangements. If you have a disability and/or have special accessibility needs and require assistance, please advise IAIA staff at the registration desk. However, we cannot guarantee accommodation of requests made on-site.

Venue map



LOCAL ORGANIZER

IAIA Ireland-UK Branch

PROGRAM COMMITTEE

IAIA extends sincere thanks to the following committee members and their organizations for their generous in-kind contributions to this symposium:

Ross Marshall, Chair UK Environment Agency

Thomas Fischer, Co-Chair University of Liverpool, Environmental Assessment & Management Research Centre

Bridget Durning Oxford Brookes University Phil Le Gouais Mott MacDonald

John Fry University College Dublin

Ben Cave Ben Cave Associates









ABOUT IAIA

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

IAIA members number over 5,000 from over 125 countries, including those from its 17 national Affiliates. IAIA activities are carried out locally and regionally through its extensive network of Affiliates and Branches.

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

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

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



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