

DUBLIN'S BID TO HOST THE
Symposium for European
Freshwater Sciences
2021



July 25-30, 2021

Presented by
Mary Kelly-Quinn
Chair IFSA

Introduction to the Destination

Dublin



25-30 JULY 2021



Flights from Destinations Worldwide

This is just a selection of direct flights coming into Dublin





Dublin

will be

different!

- Safe City
- City of 100,000 Welcomes
- Compact, Walkable City
- Wealth of history from Viking remains to Georgian houses, literary landmarks, museums & art galleries.
- Multi-ethnic society
- UNESCO City of Literature
- City of Culture
- City of Fun

Freshwater Science in Ireland





Sligo

Foras na Mara
Marine Institute

NUI Galway
O' Gaillimh

GMIT
GALWAY MARINE INSTITUTE OF TECHNOLOGY

CIT CORK INSTITUTE OF TECHNOLOGY
INSTITIÚD TEICNEOLAÍOCHTA CHORCAI

UCC
University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

Ulster University

Ait

epa
Environmental Protection Agency
An tAonad Náisiúnta um an Tionchar

CAFI

Teagasc
AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY

IRISH FRESHWATER SCIENCES ASSOCIATION

Queen's University

DUNDALK INSTITUTE OF TECHNOLOGY

DCU
DUBLIN CITY UNIVERSITY

Trinity College Dublin

The University of Dublin
School of Creative Arts

UCD DUBLIN

ifri
Iascach Inlirí Éireann
Inland Fisheries Ireland

Surface & groundwater - chemistry, ecology, biodiversity, hydrology, fisheries, Catchment management, Land-use impacts, multiple stressors, climate change (impacts, resilience), Emerging pollutants, Mitigation measures, etc.

Local Organising Committee



Hugh Feeley

Dr. Scientific Officer and Freshwater Ecologist in the Ecological Monitoring and Assessment Unit at the Environmental Protection Agency, Ireland.



Simon Harrison

Dr. Lecturer in freshwater science at University College Cork.



Eleanor Jennings

Dr. Dundalk Institute of Technology, Director of the Centre for Freshwater and Environmental Studies, Treasurer, Irish Freshwater Sciences Association.



Phil Jordan

Professor of Catchment Science, University of Ulster, Coleraine, Northern Ireland.



Mary Kelly-Quinn

Associate Professor in Freshwater Ecology, University College Dublin, Chair Irish Freshwater Sciences Association.



Ronan Matson

Dr. Research Officer, Water Indicators Ireland.



Daire O'Huallachain

Dr. Senior Research Officer, Ecology & Water Quality Group, Environmental and Land Use, Teagasc, Johnstown Castle Research Centre, Ireland.



Aine O'Connor

Dr. Conservation Scientist, Freshwater Ecologist, National Parks and Wildlife Service, Ireland.



Marcin Penk

Dr. Research/Teaching Fellow at Trinity College Dublin.



Jeremy J. Piggott

Assistant Professor in Aquatic Biology at Trinity College Dublin.



Fiona Regan

Professor in Chemical Science at Dublin City University and Director of the Water Institute.

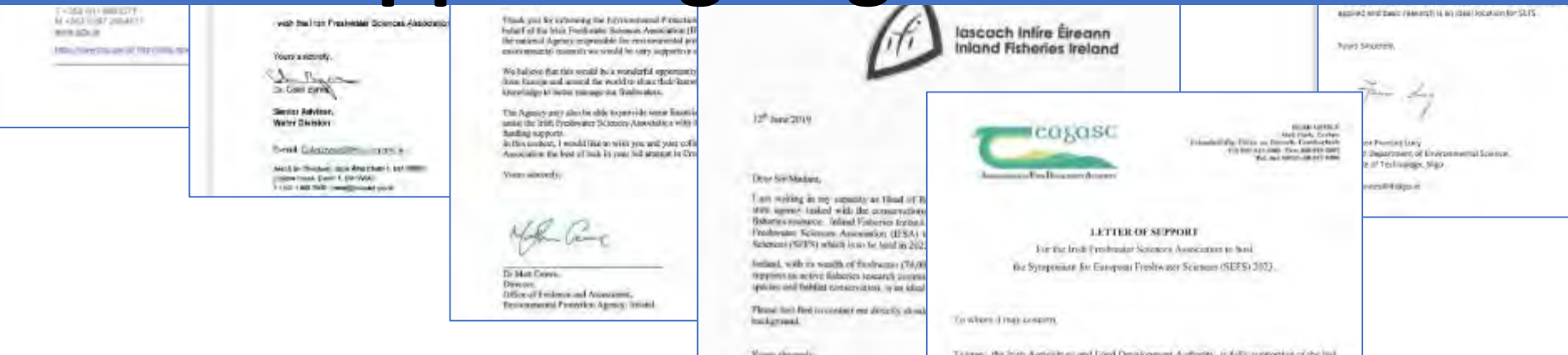


Pascal Sweeney

Sweeney Consultancy, Mallow, Co. Cork, Ireland, Secretary Irish Freshwater Sciences Association.



Supporting Organisations



PCO - ABBEY CONFERENCE & EVENTS

- Founded 1978
- Multi-Lingual Team of Event Professionals
- Part of Abbey Group Tour Operators
- Multi Award Winning
- Deloitte Best Managed Company
- **Over 300 Int'l Conferences up to 4,500 Delegates**
- **Significant Experience in UCD**
- Dublin City Centre Offices



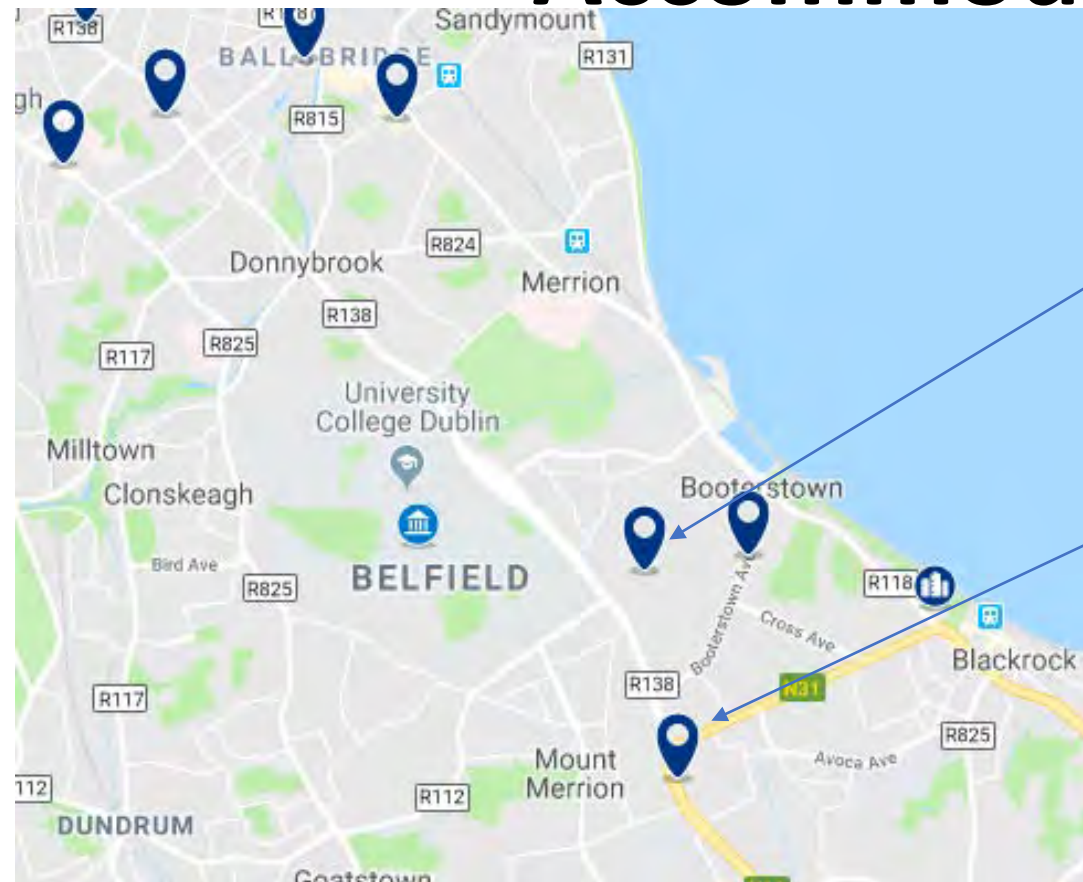
The Venue: University College Dublin





<https://youtu.be/SxWvMrVUIZO>

Accommodation



Hotels – 3*-5*

Guest Houses

Campus
Accommodation



Exciting Scientific and Social programme

- Routine & Special Sessions
- Workshops



Special Events for Young Scientists

- Prizes for best oral and poster presentations
- A dedicated student and early-career social event included in the registration
- Early, mid and advanced career plenary talks
- Early career informal workshop on navigating the PhD career landscape (challenges, opportunities and career beyond academia)
- In addition to the conventional poster and oral presentations we will offer alternative presentation opportunities in social settings – elevator pitches & format of PechaKucha – 20 slides in 6 mins 40 seconds.
- Supporting women in science – a workshop with successful females scientists

Conference Gala Dinner



Other social events



Excursions



Potential Mid-symposium Excursions

Wicklow Mountains National Park

Wicklow Mountains National Park is within 40 minutes of Dublin and offers spectacular scenery with glaciated valleys and corrie lakes. The trip would include a visit to the early Christian monastic site in Glendalough.

Eastern fringes of the Wicklow Mountains

This trip passes along the eastern slopes of the Wicklow Mountains to visit the Vartry reservoir and water treatment facilities, and from there follow the course of the Avonmore River to its confluence with the Avonbeg at the 'meeting of the waters'. Close to here we can view the legacy effects of past mining and efforts to mitigate impacts. The trip would conclude with a visit to Mount Usher gardens.

Lough Owel and Environs

This is a hard water lake (habitat code 3140) SAC located in the midlands of Ireland with adjacent transition mires, quaking bogs and alkaline fens. Included in the trip is a visit to Belvedere House and Gardens.

Lough Carra

Lough Carra is the most spectacular and largest of the hard water/marl lakes in Ireland with crystal clear waters that cover an area of 1,560 hectares. It is joined to Lough Mask by the Keel River forming the Lough Mask/Carra complex SAC and a major part of the Great Western Lakes of Ireland. Lough Carra's lakeshore has a mixture of limestone pavement, grassland, fen, marsh, reed swamp, scrub and woodland.

Boyne catchment & Dunleer River

This trip will include a visit to the River Boyne valley and Newgrange, a 5,200 year old passage tomb. It would also visit the Dunleer river, part of the Agricultural Catchments Programme run by Teagasc for over ten years.

River Shannon, Lough Ree & Clonmacnoise

The Shannon is Ireland's longest river. The trip would visit the second of the three lakes on the river, as well as the wet grassland are known as the Shannon Callow, and the monastic site of Clonmacnoise.



Potential Post-symposium Excursions

The Burren

Located in Co. Clare in the west of Ireland this the largest karst landscape in Europe with vast pavement of glacial-era limestone, cliffs and caves. The overnight trip would include a visit to the Cahir River, Lough Bunny, the turloughs at Lough Gealain and Knockaunroe, and Aillwee



Killarney National Park and nearby pearl mussel catchments

Internationally renowned for its scenic beauty and scientific interest Killarney National Park in the south west of Ireland covers an area of 10,000 hectares and included the three Lakes of Killarney and the mountains and woods. This overnight trip would visit the national park, including the Gap of Dunloe, and its freshwaters, and a nearby pearl mussel SAC river.



The Burrishoole catchment

The Burrishoole catchment is situated in the Nephin Beg mountains of Co. Mayo on the west coast of Ireland and drains into the north east corner of Clew Bay and the Atlantic Ocean. They three main lakes form a cascade with a gradient from oligotrophic headwaters to tidal transitional waters (Bunaveela (46 ha), Feeagh (410 ha) and Furnace (a brackish coastal lagoon - 141 ha)). The proposed field trip would include a tour of the catchment and the Marine Institute facilities at Burrishoole, together with an overnight stay in nearby Westport, which has many excellent restaurants and pubs with traditional Irish music.



Accompanying Persons Programme

Dublin City

This tour will provide an introduction to Dublin and its elegant Georgian buildings. We will visit 16th century Trinity College founded in 1592 by Queen Elizabeth I. On display here is the legendary Book of Kells, an illuminated manuscript dating from the 9th century. Visit St Patrick's Cathedral. Built in honour of Ireland's patron saint, Saint Patrick's Cathedral stands adjacent to the famous well where tradition has it Saint Patrick baptised converts on his visit to Dublin.

The parish church of Saint Patrick on this site was granted collegiate status in 1191, and raised to cathedral status in 1234. The present building dates from 1270. The cathedral is today the National Cathedral of the Church of Ireland (a church of the Anglican communion). St Patrick's is Gothic in style and its splendid interior is adorned with funeral monuments, such as The Boyle Family Memorial and the grave of Dean Jonathan Swift (author of Gulliver's Travels). Swift was dean here until his death in 1745. The chancel has ornate stained-glass windows and spectacular choir stalls, once used by the knights of St Patrick, adorn the altar. The massive west towers,

house a large peal of bells whose ringing tones are so much part of the character of Dublin.

Grand Traditions and Great Houses

About an hour's drive from Dublin resides the treasure house of one of Ireland's proudest traditions - The National Stud. A tour of the stud and a visit to the horse museum will entertain and delight even those who have not yet been bitten by the bug of horse racing. Hares and foals can be seen in the paddocks from the Tully Walk and a few famous stallions will be on view. Integrated into the grounds of the stud are the remarkable Japanese Gardens. Laid out in an area of boglands by the Japanese gardener Tasa Eida, and devised by Col. William Hall-Walker, the gardens have been designed and landscaped to take the visitor on the "Path of Life" from cradle to grave.

Glendalough and Russborough House

We travel south through the Dublin and Wicklow mountains to the monastic site of Glendalough, founded by St Kevin in the 6th century. There is a short drive of approximately 35 minutes to Russborough House, one of Ireland's largest and finest Palladian country houses.

The guided tour includes a wonderful collection of world-class art and furnishings, Lafranchini ceilings, silver, china and furniture from Louis XV's time along with unique ornaments gifted to Marie Antoinette on her wedding day. Russborough House is situated on the shores of the Blessington Lakes. This was home to Sir Alfred and Lady Beit and is an outstanding Palladian House by Richard Castle, constructed between 1740 and 1750. The tour includes a visit to the house wherein the Beit art collection is displayed and open to viewing.

North Coast and Malahide Castle

This tour travels along the North Coast of Dublin Bay to the summit of the Hill of Howth, which offers a panoramic view of Dublin and its surrounds. Later a visit will be made to Malahide Castle, one of Ireland's oldest and most historic sites founded by Richard Talbot in the 12th century and occupied by his descendants until 1976. During the tour, there will be the opportunity to view excellent examples of Irish period furniture, as well as a unique collection of Irish historical portraits.



Stay a little longer and see savour
what Ireland has to offer.

