



## Annual Meeting of Irish Freshwater Sciences Association (IFSA) 2022 Hosted by University College Dublin

**Friday, 11<sup>th</sup> March, University College Dublin**  
**Venue: Moore Auditorium, Science East, UCD**

<b>09:30-9:50 – REGISTRATION</b>	
09:55	Welcome & overview. Mary Kelly-Quinn, UCD
<b>Session 1: Management of freshwaters towards meeting the 2027 WFD targets</b> (talks = <b>12 minutes + questions</b> ) – Mary Kelly-Quinn (Chair)	
10:00	<b>Shane O’Boyle</b> (EPA) WFD status, pressures and the next RBMP
10:15	<b>Fran Igoe</b> (LAWPRO) River Basin Management Planning: Learnings from the 2 <sup>nd</sup> cycle – preparing for the 3 <sup>rd</sup> cycle.
10:30	<b>Cormac McConigley</b> (LAWPRO) The Blue Dot Catchment Programme
10:45	<b>Mike O’Connor</b> Duhallow farming for Blue Dot Catchments EIP-Agri project – Working with farmers towards high water quality status
11:00	<b>Daire Ó hUallacháin</b> (Teagasc) Suite Sixteen: Expert evaluation of environmental effectiveness of riparian mitigation measures
11:15	<b>Fiona Regan</b> (DCU) Demonstration of a novel phosphate optical sensing system for surface water monitoring in Ireland
<b>11:30</b>	<b>COFFEE BREAK</b>
<b>Session 1 cont’d.: Managing our freshwaters for improved water quality</b> (talks = <b>12 minutes + questions</b> ) – Daire Ó hUallacháin (Chair)	
12:00	<b>Mary Kelly-Quinn</b> (UCD) The potential impacts of low-head barriers on aquatic biota in Irish rivers – insights from the Reconnect project
12:15	<b>Jonathan Turner</b> (UCD) Monitoring sediment connectivity and channel adjustment: experiences from the Reconnect barrier project
12:30	<b>Seán Kelly</b> (IFI) Implications of climate change for Irish Freshwater Fish
12:45	<b>Heather Lally</b> (GMIT) Benthic macroinvertebrates show potential to act as a biological assessment tool for monitoring microplastic pollution in Irish river systems
13:00	<b>Simon Harrison</b> (UCC) The Citizen Science Stream Index – a novel, simple, biomonitoring protocol for non-experts
<b>13:15 – 14.15 LUNCH</b>	
<b>Session 2: Ongoing Projects</b> (talks = <b>7 minutes + questions</b> ) – Hugh Feeley (Chair)	
14.15	<b>Kevin Atcheson</b> (UU) Characterisation of catchment scale MCPA loading and transport dynamics using high resolution water quality datasets.
14.25	<b>Jan-Robert Baars</b> (UCD) The Quagga mussel in Ireland – distribution, spread and potential impact
14.35	<b>Irene O’Callaghan</b> (UCC) A metric for the relative accumulation of metals in benthic

	fauna
14.45	<b>Giovanni Cappelli</b> (GMIT) Physico-chemical characterisation of protected oligotrophic lakes in Ireland
14.55	<b>Marcin Penk</b> (TCD/UCD) ESDecide decision support tool for <u>Prognosing</u> River Ecosystem Services: ProgRES
15.05	<b>Ricardo Leonel Marroquín Paíz</b> (DKIT) A modeling forecasting framework to support decision making on the precursors and formation of Trihalomethanes (THMs) in Ireland
<b>Session 3: Ongoing (7 minutes + questions) and new research (2 minutes elevator pitch) - Eleanor Jennings (Chair)</b>	
15.15	<b>Martin Gammell</b> (GMIT) Biological tools to measure the impact of flow on ecology in Irish rivers
15.25	<b>Elvira deEyto</b> (Marine Institute) Baseline characterisation of the aquatic ecosystems of the Nephin Forest
15.35	<b>Darragh Murphy</b> (UCC) The effectiveness of nature-based catchment solutions on a farm in Co. Cork
15.45	<b>Cilian Roden</b> (UCC) Are lakes with <i>Najas flexilis</i> unusual and are they under threat?
15.55	<b>Hugh Feeley</b> (EPA) An update on Ephemeroptera (mayflies) and Plecoptera (stoneflies) in Ireland
16.05	<b>Eibhlín Vaughan</b> (UCD) Introducing HYDROSED - Assessing the Hydrological and Sediment Impacts of Forest Operations
16.07	<b>Michael Bruen</b> (UCD) Introducing the WaterFutures research project
16.09	<b>Ronan Matson</b> (IFI) Introducing a new book on aquatic plants
<b>16:11</b>	<b>COFFEE BREAK</b>
<b>16:30 – OPEN DISCUSSION &amp; Annual General Meeting of IFSA – Pascal Sweeney (Chair)</b>	
<b>17:00</b>	<b>FINISH</b>