

Monday 7th July

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| 08:30-14:00 | FSBI Council meeting |
| 13:00 | REGISTRATION OPEN |
| 14:00-17:30 | FSBI Workshops: Publishing with JFB with the Editor in Chief Mike Kaiser 'Reel in your audience using graphical abstracts' with Kirsty Bradley (CEFAS) 'Disrupting the Current: Promoting Equity in Scientific Networks and Publishing' with Ivan Arismendi (Oregon State University) |
| | Tea and coffee will be available @ 15:30 |
| 19:00 | Pub Quiz and Pizza (The Parlour) |

Tuesday 8th July

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| 08:15-08:45 | | Registration open |
| 09:00-09:30 | | Welcome |
| The Ecosystem Approaches in Fisheries Management | | |
| 09:30-10:30 | Robert Rosell | Jack Jones lecture: The Big Fish of Belfast – reintroduction of salmon to the River Lagan, Northern Ireland |
| 10:30-10:40 | Peter Betts | Metabolic Trade-offs in a Warming World: Latitudinal Driven Patterns in the Metabolism and Growth of Juvenile Salmonids |
| 10:40-10:50 | Brian Hayden | Atomic Ecology – Stable isotopes as an underused resource in fisheries management |
| 10:50-11:00 | Caliyena Brown | Tracking marine migration, habitat use, and predation of inner Bay of Fundy Atlantic Salmon kelts |
| 11:00-11:40 | | Coffee break |
| 11:40-11:50 | Joana Martelo | Local environment and fragmentation by drought and damming shape different components of native and non-native fish beta diversity across pool refuges |
| 11:50-12:00 | James A Macarthur | Catchment-scale eDNA sampling reveals no evidence for negative effects of beaver recolonisation on the distribution of migratory fish |
| 12:00-12:10 | Michael McNeil | The use of fish communities to monitor and assess estuarine environmental quality |
| 12:10-12:20 | Niamh Esmonde | Impact of future climate change on the Irish Sea ecosystem. |
| 12:20-12:30 | Apria Valenza | Measuring Management Intensity of State-Managed Marine and Coastal Fisheries along the Southeast and Gulf Coasts, USA |
| 12:30-12:40 | Ava Sergio | Fine-scale seasonal movements of invasive chain pickerel (<i>Esox niger</i>) and smallmouth bass (<i>Micropterus dolomieu</i>) in the last remaining habitat of Endangered Atlantic whitefish. |

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| 12:40-12:50 | Jung Hwa Choi | Development of an AI-Based Fishery Monitoring System for Electric Monitoring of Fishing vessel in Korea |
| 12:50-13:00 | Ruaidhri Forrester | Assessing the status of rare fish in deep lakes: a case study of vendace (<i>Coregonus albula</i>) and European whitefish (<i>Coregonus lavaretus</i>) in the UK |
| 13:00-14:20 | Lunch | |
| Understanding Fish Habitat Dynamics | | |
| 14:20-14:30 | Mark Poesch | Navigating Urban Streams: How Cities Transform Fish Communities Over Time |
| 14:30-14:40 | James Barry | Warming Waters, Changing Behaviours: How Brown Trout Respond to Heatwaves in a Changing Climate. |
| 14:40-14:50 | Richard Kennedy | Comparison of survival, behaviour and return rates of sea trout smolts across Irish coastal rivers. |
| 14:50-15:00 | Benjamin Bluck | Effects of Artificial Light on European Glass Eel (<i>Anguilla anguilla</i>) Movement Behaviour and Passage Success |
| 15:00-15:10 | Ellie Dolan | Leaping to Conclusions: Context-Dependent Behavioural Responses of Juvenile Atlantic Salmon to River Barriers |
| 15:10-15:20 | Paris Mastrodimitropoulos | Spatial Patterns of Juvenile Atlantic salmon (<i>Salmo salar</i>) and Brook trout (<i>Salvelinus fontinalis</i>) in Canadian Rivers |
| 15:20-15:30 | Martha Patricia Rincón-Díaz | Studying fish traits along latitudinal gradients |
| 15:30-15:40 | Phoebe Kaiser-Wilks | Analysing trends in long-term data from Atlantic salmon populations over multiple geographic scales. |
| 15:40-16:20 | Coffee break | |
| 16:20-16:30 | Kevin Gallagher | Ecological Change and the Collapse of Pollan (<i>Coregonus pollan</i>) Recruitment in Lough Neagh |
| 16:30-16:40 | Niamh Heatley | Head Shape Bimodality in European Eel: Consequential Impact on Fat Accumulation, Ontogenetic Development and Spawning Likelihood across the Broadhead Ecotype |

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| 16:40-16:50 | Sibusisiwe Moyo | Escapement and inshore movements of chalk stream silver eels <i>Anguilla anguilla</i> in Southern England |
| 16:50-17:00 | Michael Williamson | Predicting European eel aggregations in a landlocked drinking water reservoir |
| 17:00-17:10 | Grace McNicholas | Hot 'Tuna' Summer: The spatial ecology of Irish Atlantic bluefin tuna (<i>Thunnus thynnus</i>) |
| 17:10-17:20 | Rohitashva Shukla | Inferring ecological processes supporting endemic fish diversity structure in a biodiversity hotspot |
| 17:20-17:30 | Jairo Arroyave | Neotropical catfishes of the genus Rhamdia |
| 17:30-17:40 | Pia Schuchert | Mitigating the impacts on and of long-term scientific surveys by MPAs and Offshore renewable energy developments – Why and How? |
| 17:40-17:50 | John Bolland | ETN-UK & Ireland; transitioning from local / regional telemetry initiatives towards a coordinated and efficient network |
| 18:00 | Belfast Photography Exhibition & Poster Session | |
| 19:00 | BBQ (Riddell Hall) | |

Wednesday 9th July

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| 07:00 -08:00 | | Spawning Run |
| Inclusive Outreach Strategies | | |
| 09:00-09:30 | Rachel Cavanagh | KEYNOTE: A wish list for fish: integrating climate change into Southern Ocean ecosystem-based fisheries management |
| 09:30-09:40 | Kirsty Bradley | Bridge the knowledge gap, solidifying your storytelling leads to more robust and effective science communication |
| 09:40-09:50 | Natalie Klinard | Integrating acoustic telemetry research into management: successes and challenges in the Laurentian Great Lakes |

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| 09:50-10:00 | Felix Nwose Onyeka | Bridging the Knowledge Gap: Inclusive Outreach Strategies for Enhancing Fish Welfare in African Aquaculture |
| 10:00-10:10 | Ntandokayise Makhathini | Perceptions and practices of fishers in inland water bodies of KwaZulu-Natal, South Africa |
| 10:10-10:20 | Json Lee | Harnessing Citizen Science to Monitor Coral Reef Health in Nosy Be, Madagascar |
| 10:20-11:00 | Coffee break | |
| 11:00-11:10 | Josephine Pegg | Can Southern Africa Avoid Europe's Eel Crisis? Reconciling Conservation and Economic Growth |
| 11:10-11:20 | Paul Hart | Power structures and legitimacy in fisheries management. |
| 11:20-11:30 | Rehab Soliman | Understanding why lack of compliance occurs to shape more effective strategies |
| 11:30-11:40 | Shan Li | Introduction of non-native fish for aquaculture in China with a case study of <i>Micropterus nigricans</i> |
| 11:40-11:50 | Sophy McCully Phillips | Sharks, skates and rays: consume, conserve, consider? |
| 12:00-13:30 | Lunch & FSBI AGM | |
| 13:30-19:30 | Optional tour to the DAERA/AFBI River Bush Salmon Station | |

Thursday 10th July

| Interdisciplinary Insights for Effective Management | | |
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| 09:00-09:30 | Nicholas Dulvy | KEYNOTE: Global uncertainties and a more just future for fisheries |
| 09:30-09:40 | David Jacoby | Bringing life history theory into management, single species and multi-species population dynamics; impacts of applications of molecular ecology; fish movements and migration |

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| 09:40-09:50 | Jordan Matley | Managing human-shark interactions at a remote island in the South Pacific Ocean |
| 09:50-10:00 | Claudio Silva De Freitas | The Effect Of Light Environment On Vision |
| 10:00-10:10 | Craig McCoubrey | Using Commercial Fishermen's Local Knowledge to Assess Pike Re-emergence in Lough Neagh. |
| 10:10-10:20 | Christian Schlautmann | Exploring Fish Migration Cues: Diel Patterns and Temperature Effects at a German Fish Lift System |
| 10:20-10:30 | Lucy Smith | Carryover effects of size at ocean entry for marine survival of Atlantic salmon |
| 10:30-10:40 | Natalie Koopman | Evaluating Smolt-to-Adult Supplementation (SAS) as a Conservation Strategy: Comparing Movement and Behaviour of Wild and SAS Atlantic Salmon in the Cape Breton Highlands |
| 10:40-11:20 | Coffee break | |
| 11:20-11:30 | Naiara Rodríguez-Ezpeleta | From DNA to Decision-Making: A Tale of Integrating Genetics into Fisheries Management |
| 11:30-11:40 | Michelle Frost | The West of Scotland Herring Hunt: Searching for Spring-Spawning Grounds |
| 11:40-11:50 | Dorte Bekkevold | Spatial organisation of Atlantic herring and implementation in management |
| 11:50-12:00 | Domino Joyce | Combining morphometrics, telemetry and genomics to better understand trout and salmon movement. |
| 12:00-12:10 | Jonathan Victor Ellis | Investigating the connectivity between cod populations in the Celtic Seas to inform fisheries management |
| 12:10-12:20 | Susanne Tanner | Ocean warming drives contrasting growth responses in a long-lived sciaenid |
| 12:20-12:30 | Sofia Graça Aranha | The Hidden Cost of Bottom Trawling on Deep-Sea Elasmobranchs |
| 12:30-12:40 | Rita Almeida | Unravelling freshwater migrations and life history plasticity of European sea bass through otolith shape and chemistry |

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| 12:40-12:50 | Eugene O'Kane | High resolution modelling of potential sandeel habitat to enhance seabird conservation |
| 12:50-13:00 | Andy Vowles | Environmental enrichment in the husbandry environment as a confounding variable in applied fish behaviour research |
| 13:00-14:20 | Lunch | |
| FSBI Medal Winners | | |
| 14:20-14:35 | Colin Adams | Beverton Medal: Surviving a career in research |
| 14:35-14:50 | Maria Jose Juan Jorda | FSBI Medal: What Tuna fisheries taught me - Reflections on operationalizing the ecosystem approach in Regional Fisheries Management Organizations |
| 14:50-15:05 | Rochelle Chan | Huntingford Medal: From eyeing DNA barcoding to fishing for mitogenomes: sequencing for fish species identification and building reference databases |
| 15:05-15:20 | Oliver Crimmen | Le Cren Medal: Importance of museums and collections – Impressions of a fish curator at the NHM London after 48 years of service |
| Navigating Uncertainty in Fisheries Management | | |
| 15:20-15:30 | Daria Zelenina | A genomic approach to fisheries management in the Russian Far East: a case study of pink salmon stocks in the Sea of Okhotsk. |
| 15:30-15:40 | Bernd Hänfling | Advancing eDNA-Based Approaches for Monitoring Freshwater Fish Populations |
| 15:20-15:30 | Maisie Evans | Modelling migratory shark distribution for improved fisheries management in the British Isles |
| 15:30-15:40 | Luke Cameron | Movements, growth rates and strong sexual segregation in critically endangered tope sharks: Insights from 5 decades of mark-recapture in the Northeast Atlantic |
| 15:40-15:50 | Jessica Rodger | The migration of Atlantic salmon (<i>Salmo salar</i>) post-smolts through nearshore and coastal waters surrounding the British Isles. |

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| 15:50-16:00 | Jon Emery | A Decision Support Tool for Evidence-Based Salmon Conservation in the UK. |
| 16:00-16:30 | Coffee break | |
| 16:30-16:40 | Elliot Sivel | Investigating of trade-offs across the life cycle of Atlantic salmon (<i>Salmo salar</i>) for management decision support |
| 16:40-16:50 | Matthew Hatfield | Impact of simulated light pollution on the behaviour and physiology of European eel and brown trout |
| 16:50-17:00 | Jonny McDowel | Using hydropower light deflection method to increase silver eel catches at conservation fishery |
| 17:00-17:10 | Sneha Jha | Navigating Data Limitations: Developing an SDM for Indian Mackerel in Challenging Situations |
| 17:10-17:20 | Mohsen Rezaie-Atagholipour | Climate-driven size reduction in tropical rays and its implications for ecological risk assessments |
| 17:20-17:30 | Chris Harrod | Stable isotopes as tools for fisheries management |
| 19:30 | Gala Dinner at Belfast Harbour Commissioners Hall | |

Friday 11th July

| Challenges in Monitoring and Assessment | | |
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| 09:30-09:40 | Estibaliz Diaz | DIASPARA project: Strengthening the scientific basis for managing diadromous fish populations |
| 09:40-09:50 | Graeme Diack | Salmon Data Mobilisation |
| 09:50-10:00 | Helen Currie | Proof-of-concept use of a low-cost acoustic detection device to monitor the spawning activity of critically endangered salmonids: A UK case study |
| 10:00-10:10 | Joris Philip | Parallel Multivariate Phenotypic Plasticity in Resource Polymorphisms of Salmonids |
| 10:10-10:20 | David Righton | Monitoring hook to release fishing practices in a recreational fishery: the story of the English Catch And Release Tagging (CHART) fishery for Atlantic bluefin tuna |

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| 10:20-10:30 | Rebecca Frances Bentley | The ecomorphology of the oral and pharyngeal jaws in Loricariid catfishes using computerized tomography and feeding trials. |
| 10:30-11:10 | Coffee break | |
| 11:10-11:20 | Andrew J. Temple | Biases in Batoid research put species at risk |
| 11:20-11:30 | Angus Monaghan | Understanding European Eel Distribution and Habitat Requirements with eDNA and Drainage Management Data to Guide Conservation in Modified River Catchments |
| 11:30-11:40 | Edel Lheureux | Optimizing eel passage at large hydroelectric facilities: the contribution of multiple eel ramps |
| 11:40-11:50 | Nikola Kofentová | The role of behavioural traits in successful fishway passage during seasonal brown trout migrations |
| 11:50-12:00 | Michal Skora | Dietary and spatial overlap between non-native pink salmon <i>Oncorhynchus gorbuscha</i> and native salmonids in the North Atlantic/Arctic region |
| 12:00-12:10 | Jim Ellis | To err is human: the importance of data cleaning and sense-checking in the production and use of fisheries and aquaculture statistics |
| Awards and Closing Ceremony | | |
| 13:00 | Lunch | |

Posters

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| Alini Beloto Parra | Changes in fish taxonomic and functional diversity associated with the construction of a hydroelectric power plant in a Neotropical river |
| Amanda Gardiner | Genetic diversity and past effective population size from over a hundred fish and elasmobranch genome sequences |
| Andrew J. Temple | Opportunities to enhance conservation success for sharks |
| Brian Hayden | Atomic Ecology – Stable isotopes as an underused resource in fisheries management |
| Callum Sturrock | Disentangling climate, fishing and population dynamics effects on three decades of haddock (<i>Melanogrammus aeglefinus</i>) growth in the Irish Sea. |
| Charlotte Nuyt | Environmental DNA in fisheries management: future horizons for bycatch monitoring |
| Claudia Allen | To Catch or Conserve? Marine governance and the UK-EU sandeel dispute. A case study of transboundary environmental-economic tensions post-Brexit and its implications for marine governance across the island of Ireland. |
| Daniela Felix | Unravelling connectivity in the undulate skate <i>Raja undulata</i> populations in the northern Atlantic Ocean |
| Dario Di Girolamo | Fish Food Web Structure and the Ecosystem Wide Impacts of Eutrophication in the UK's Largest Freshwater Lake, Lough Neagh |
| Derek Evans | The European Eel Production Paradox: recruitment or enrichment? |
| Diarmaid Duffy | Evolving waters: Contrasting the population genetics of brown trout (<i>Salmo trutta</i>) across the island of Ireland |
| Jairo Arroyave | On the discovery and description of a new endogean, dwarf, and troglomorphic species of swamp eel (Synbranchiformes: Synbranchidae) from Costa Rica |
| Jessica Clemens | Mussel Metabolomics: In Pursuit of a Biomarker for Population Success in Marine Mussels Exposed to Contaminants |
| Jessica Rodger | The Core Rivers Programme |

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| Josh Roland | Investigating the Distribution of Spawning Atlantic Salmon (<i>Salmo salar</i>) within the Margaree Watershed, Nova Scotia. |
| Joshka Kaufmann | Anthropogenic Pressures: Shaping the Past and Future of (Irish) Atlantic Salmon |
| Liam Brennan | Dreissenids for Dinner? Lough Neagh Fish Spill Their Guts |
| Loeva Martin-Podevin | Zooming into recreational fishers: monitoring their catches and waste using AI |
| Mara Fischer | A functional assessment of fish as bioturbators and their vulnerability to local extinction |
| Mari Kuroki | Beyond Otolith-Based Methodology: Advancing the Understanding of Diadromous Fish Migration |
| Richard Hedger | Using dynamic population modelling to improve salmonid management in regulated rivers experiencing climate change |
| Stefano Mari | Habitat complexity and sexual behaviour selects for more neurons number in brown trout (<i>Salmo trutta</i>) |
| Virginia Gilliland | Understanding indirect effects of fishing on non-target reef associated fishes in Australia's Great Barrier Reef Marine Park |
| Yolaine d'Hoop de Synghem | Priority Fishing Areas amid climate change and constraints from Marine Protected Areas and Offshore Renewable Energy. |