

Luke Perry

Consultant



Position

Consultant within Poseidon Aquatic Resources Management Ltd, an international consultancy specialising in fisheries, aquaculture, and the Blue Economy.

Years within the firm: 1

Education

2016 – 2020	B.Sc. Environmental Science with Marine Science & Diploma of Professional Practice 1 st Class Honours, University of Ulster, UK
2018 – 2019	Diploma in Professional Practices, Distinction, University of Ulster UK

Key professional skills

- **Fisheries sector planning and management:** Sector planning, policy research, legislative review.
 - **Blue Economy:** Analysis of fisheries interactions with offshore wind farms, including floating wind farms.
 - **Aquaculture:** strategic and technical development of sustainable shellfish aquaculture.
 - **Environmental Assessment:** Experience conducting environmental Impact Assessments within aquaculture and renewable energy sectors.
 - **Research, Data Analysis and Interpretation:** Research, monitoring and analysis of scientific data and media analysis.
 - **GIS Spatial Analysis:** Data analysis and mapping using ArcMap and ArcGIS.
 - **Project Management:** Conducted multiple Clinical Chemistry Research and development projects, operating in both a team member and project lead roles, liaising between various affiliate research teams.
 - **Fluent French Speaker**
-

Professional experience record

2022 – present	Poseidon Aquatic Resources Management Ltd, <i>Consultant</i>
2020 – 2022	Randox Healthcare and Diagnostics, <i>Covid 19 Scientist & Clinical Chemistry Research and Development Scientist</i>
2018 – 2019	The Lough's Agency, <i>Assistant Scientific Officer of Aquaculture</i>

Resource assessments, Better regulation, Monitoring and Evaluation

- **Global:** Economic valuation of the global market for blue shark products and interdependent policy analysis for sustainable management and trade (Oceana 2022).
- **UK:** Assessment of current Fishery Policy on the economic and environmental sustainability of the Native Oyster Fishery of Lough Foyle, Northern Ireland. Development of new fishery policy to improve fishery sustainability and mitigate issues highlighted from report findings (Loughs Agency, 2019).
- **UK:** Analysis of available at sea fish offal within the North Sea, to determine the feasibility to provision UK seabirds with offal; Conducted a spatial analysis of UK fishing activity within the North Sea to determine potential areas of significant at sea offal. (Natural England 2022)
- **UK:** MSC Pre-assessment of UK Brill and Rays fisheries; Spatial mapping of fishing intensity as per P2 Ecosystems Impacts
- **Indonesia:** Review of the use of plastics in red snapper fishery (YKAN/The Nature Conservancy, 2021)
- **UK:** Extensive review and industry consultation to assess the importance, benefits, and challenges of successful seafood traceability within the UK supply chain. (MMO/DEFRA 2023)
- **UK:** An Impact Evaluation of the European Maritime and Fisheries Fund (2014-2023), assessing how support from the EMFF has contributed to the objectives for each union priority of the United Kingdom.
- **EU:** Assessing the impacts of EMFF on project beneficiaries, and an analysis of the factors that positively influence the success of EMFF funded projects and the challenges or bottlenecks experienced by projects. The objective being to inform and improve future processes for programming actions to be funded under EMFF.

Engagement with industry

- **Ireland/UK:** Annual Lough Foyle Oyster Fishery AGM; engagement with fishery stakeholders to highlight trends in fishery economic performance and sustainability, explanation of changes to fishery policy and the environmental and economic implications of changes, listening to stakeholder concerns, suggestions and feedback of the Agency's Management of the Foyle Fishery (Loughs Agency, 2019).
- **Ireland/UK:** Represented the Loughs Agency at the 2019 Irish & Welsh Shellfish Aquaculture Conference; conducted presentations and engaged with colleagues in the UK and Irish Shellfish Aquaculture industries to assess the success of fishery policy applied within our respective fisheries and potential application and development of new policies across our fisheries (Loughs Agency, 2019).
- **UK:** industry consultation to assess the importance, benefits, and challenges of successful seafood traceability within the UK supply chain. (MMO/DEFRA 2023)
- **UK/Northern Ireland:** Member of the NI Aquaculture Representative Group; involved in engaging the NI aquaculture industry and policy makers to assist in the development and updating of Northern Ireland's Aquaculture legislation and to represent the Aquaculture Industry and their concerns during this process.

Renewable Energy

- **Ireland:** Analysis of landings and fishing activity of the Irish fleet to produce a preliminary fisheries risk assessment for the Hibernia Offshore Floating Windfarm site, on the Dublin/Wicklow coast.

Multi-disciplinary research & innovation

- **UK:** Development of new Gamma-glutamyl Transferase reagent formulations for improved reagent stability and performance (Randox/Siemens 2022)
- **UK:** Development of new apolipoprotein B & Immunoglobulin G Reagent Formulations to increase product accuracy and increase onboard stability (Randox/Siemens 2022)
- **UK:** Evaluation of fishery policies to improve sustainability and development (Loughs Agency, 2019).
- **UK:** Evaluation of the Lough Foyle Native Oyster reproductive success and population trend assessments from 2016-2019; assessing the long term sustainability of the Oyster Fishery, how fishery policy has positively/negatively affected the sustainability of the native oyster populations and development of improved fishery policies. (Loughs Agency, 2019)
- **UK:** Invasive species surveys within the Lough Foyle Native Oyster Fishery; assessment of risks posed to fishery sustainability, mitigation and methods to avoid the introduction of invasive species (Loughs Agency, 2018).
- **UK:** Analysis and mapping of Northern Ireland's for allocation of education support and resources by the Northern Ireland Department Of Education 2020 (Ulster University, 2020)

Additional skills and interests

- PADI qualified open water scuba diver
- Licensed driver for 6 years with no fixed penalty points
- University of Ulster Rugby 1st 15 Defensive Captain
- Recipient of the University of Ulster EDGE award 2020
- Level 4 First Aid trained
- Safety at Sea training and qualification certified 2019
- Events organiser of the University of Ulster badminton team