



WORK EXPERIENCE

January
2018
|
present

Thames Estuary Partnership (TEP)

Fish Migration Roadmap Project Officer

The Roadmap ([link](#)) provides a method that considers rivers as interconnected migratory routes to help reprioritise barriers and provide a blueprint for strategic steps to open up entire migratory routes.

In addition to the project, I have also been working on:

- Establishing partnerships with EMODnet ([link](#)), IMarEST ([link](#)), Esri UK ([link](#)) and the AMBER project ([link](#)),
- Representing TEP at the London Rivers Week ([link](#)) Steering Committee,
- Creating and curating TEP's 'Digital Resources' ([link](#)) and ArcGIS ([link](#)) content.

📍 London, UK

July 2017
|
present

Active360

SUP Instructor

I deliver stand up paddle boarding lessons and run the Thames Natural History Tours ([link](#)) focusing on the natural history and ecology of the River Thames.

📍 London, UK

Oct 2016
|
Dec 2017

Thames Estuary Partnership (TEP)

Volunteer

My work as a volunteer included: creating a combined River Thames data set focusing on water quality and aquatic fauna, working towards the Greater Thames Estuary Fish Migration Roadmap and taking part in fish surveys on the River Thames (commissioned by Tideway).

📍 London, UK

WANDA BODNAR RMARSCI MIMAREST

✉ [Email](#)

[in](#) [LinkedIn](#)

[📖](#) [Leanpub](#)

SKILLS & EXPERTISE

Marine & Estuarine Science

Offshore work (MMO, PAM)

Geographic Information System

Data Science & Visualisation

ArcGIS, QGIS, R Studio,
Mapbox.js, Leaflet.js

Front-end web development
(HTML, CSS, JavaScript)

Adobe Photoshop, Illustrator,
InDesign & After Effects

Microsoft Office suite

Teaching

Apr 2015
|
Sept
2016

Freelance

Marine Environmental Consultant

As a consultant I worked on implementing marine mammal monitoring and mitigation plans according to government and industrial regulations for the offshore energy and renewables sector. Tasks included: deployment of acoustic deterrence devices (ADDs) and real-time underwater noise monitoring during the construction of offshore windfarms and substations; visual (MMO) and passive acoustic (PAM) monitoring of marine mammal activity during seismic surveys.

Positions & projects:

- Offshore field worker at Gode Wind 1 & 2 Offshore Windfarm (North Sea),
- Consultant at Rampion Offshore Windfarm (English Channel)
- Offshore field work manager at Wiking Offshore Windfarm (Baltic Sea), Dolwin Gamma Offshore Windfarm (North Sea) & Veja Mate Offshore Windfarm (North Sea)
- Marine Mammal Observer (MMO) & Passive Acoustic Monitoring Operator (PAM) at a seismic survey (Black Sea)

📍 Various

May
2015
|
Dec 2017

Regent's University London

Guest Lecturer

Delivered lectures on environmental pollution and marine mammal mitigation methods used during the construction of offshore wind farms as part of the Environmental Sustainability course.

📍 London, UK

Apr 2014
|
March
2015

Royal Netherlands Institute for Sea Research (NIOZ)

Research Assistant

Following the successful completion of my internship, I was hired as a research assistant to study the decline of baltic tellin (*Macoma balthica*) population at spatial and temporal scale in the western Dutch Wadden Sea. The subsequent publication is titled as 'Burrowing Behavior of a Deposit Feeding Bivalve Predicts Change in Intertidal Ecosystem State.'

📍 Texel, NL

Oct 2013
|
March
2014

Royal Netherlands Institute for Sea Research (NIOZ)

Research Intern

My internship included processing and analysing benthic macrofauna samples, field sampling and report writing. In addition, I participated in a pelagic sampling campaign in the Oosterschelde, and migratory shorebird catching and ringing in the Wadden Sea.

📍 Texel, NL



EDUCATION

2011
|
2013

Vrije Universiteit Brussel

MSc in Marine and Lacustrine Science and Management

Dissertation: Meiofauna Associated with Seagrasses at Natural CO2 Seeps in the Mediterranean Sea ([link](#))

📍 Brussels, Belgium

2002
|
2006

Eötvös Loránd University

BSc in Biology and Physical Education with teaching qualification

📍 Budapest, Hungary



PROFESSIONAL REGISTRATION

2016



The Institute of Marine Engineering, Science and Technology (IMarEST)

Registered Marine Scientist (Membership number: 8046719)

📍 London, UK



QUALIFICATIONS

2015

|
present



Certificates

- First Aid (RYA)
- SUP Instructor (ASI)
- Advanced Scuba Diver (NAUI)
- Swimming Instructor (ASA)
- Minimum Industry Safety Training (MIST)
- RYA Powerboat Level 2 (ICC)
- Essential Navigation and Seamanship (RYA)
- Marine VHF Radio Short Range Certificate (RYA)
- Marine Mammal Observer (JNCC)
- Protected Species Observer (BOEM)
- Passive Acoustic Monitoring Operator (Seiche)



PROFESSIONAL DEVELOPMENT

2017

|
present



Esri Academy:

- Basics of JavaScript Web Apps
- Field Data Workflows with Collector for ArcGIS
- Going Places with Spatial Analysis
- Getting Started with Spatial Analysis
- Spatial Data Science: The New Frontier in Analytics
- Cartography
- Do-It-Yourself Geo Apps
- ArcGIS API for JavaScript 4.16
- ArcGIS StoryMap & Experience Builder webinars

DataCamp Career Tracks:

- Data Scientist with R
- R Programmer
- Statistician with R (in progress)

LinkedIn Lynda:

- Master GIS for Data Science
- Advance Your Skills as an R Expert
- Project Management Foundations

Coursera

- GIS, Mapping, and Spatial Analysis Specialization
- Data Science Specialization

IMarEST

- Metocean Awareness Course



REPORTS, ABSTRACTS & PUBLICATIONS

- 2020 ● **River restoration in London: A 20 year review**
Catchment Partnerships in London Group (CPiL) ([link](#)) 📍 London, UK
- 2019 ● **Greater Thames Estuary Fish Migration Roadmap: a Platform for Identifying Habitat Restoration and Creation Opportunities**
River Restoration Centre Conference 2019 ([link](#)) 📍 Liverpool, UK
- 2017 ● **Response of Posidonia Oceanica Seagrass and its Epibiont Communities to Ocean Acidification**
PLoS One., 9 August 2017 ([link](#))
- 2016 ● **Meiofauna at the Natural CO₂ Vents off Panarea Island, Mediterranean Sea: a Proxy for Ocean Acidification and CO₂ Leakage from Subseabed Storage Sites**
16th International Meiofauna Conference ([link](#)) 📍 Heraclion, Greece
- 2016 ● **Burrowing Behavior of a Deposit Feeding Bivalve Predicts Change in Intertidal Ecosystem State**
Front. Ecol. Evol., 22 March 2016 ([link](#))



NATIONALITY

- British-Hungarian



REFERENCES

- Amy Pryor [email](#)
Dr Marco Huisman [email](#)