28/03/2021 Wanda Bodnar's CV

WORK EXPERIENCE

January 2018 | present

Thames Estuary Partnership (TEP)

Fish Migration Roadmap Project Officer

The Fish Migration Roadmap (link) delivers a whole-system approach that can help reprioritise fish migratory barriers and provide a blueprint for sustainable river restoration works in the Thames River Basin.

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

- Establising 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.

Q London, UK

July 2017 | present

Active360

SUP Instructor

I deliver stand up paddleboarding lessons and run the Thames Natural History Tours (link) focusing on the natural history and ecology of the River Thames. In this capacity, I have also appeared on The BBC One Show along with Paul Hyman and Bill Bailey (link).

Q 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 aking part in fish surveys on the River Thames (comissioned by Tideway).

O London, UK

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 sesimic 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 Wikinger 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

WANDA BODNAR RMARSCI MIMAREST

⊠ Email

in LinkedIn

Twitter

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

28/03/2021 Wanda Bodnar's CV

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.

Q 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 balthic 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)

Prussels, 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)

Q London, UK

28/03/2021 Wanda Bodnar's CV

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QUALIFICATIONS

2015 | present

Certificates

- First Aid (RYA)
- SUP Instructor (ASI)
- Advanced Sucba 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

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

IMarES1

- Metocean Awareness Course

28/03/2021 Wanda Bodnar's CV

PEER-REVIEWED ARTICLES Response of Posidonia Oceanica Seagrass and its Epibiont 2017 **Communities to Ocean Acidification** PLoS One., 9 August 2017 (link) **Burrowing Behavior of a Deposit Feeding Bivalve Predicts** 2016 Change in Intertidal Ecosystem State Front. Ecol. Evol., 22 March 2016 (link) **CONFERENCES** Greater Thames Estuary Fish Migration Roadmap: a 2019 Platform for Indentifying Habitat Restoration and Creation **Opportunities** River Restoration Centre Conference 2019 (link) Q Liverpool, UK Greater Thames Estuary Fish Migration Roadmap: A 2018 pathway to a more integrated approach across freshwater and marine boundaries IFM Specialist Conference, May 2018 (link) **♀** Hull, UK ARTICLES **Greater Thames Estuary Fish Migration Roadmap** 2020 IFM FISH 138 2020 Issue 3 (link) **REPORTS** River restoration in London: A 20 year review 2020 NATIONALITY British-Hungarian

REFERENCES

Amy Pryor (email)
Dr Marco Huisman (email)