



Horizon Europe Brokerage Event
Cluster 6 Calls 2024

Brussels , 26 September 2023

Novel methods for assessing human impact s on aquatic ecosystems

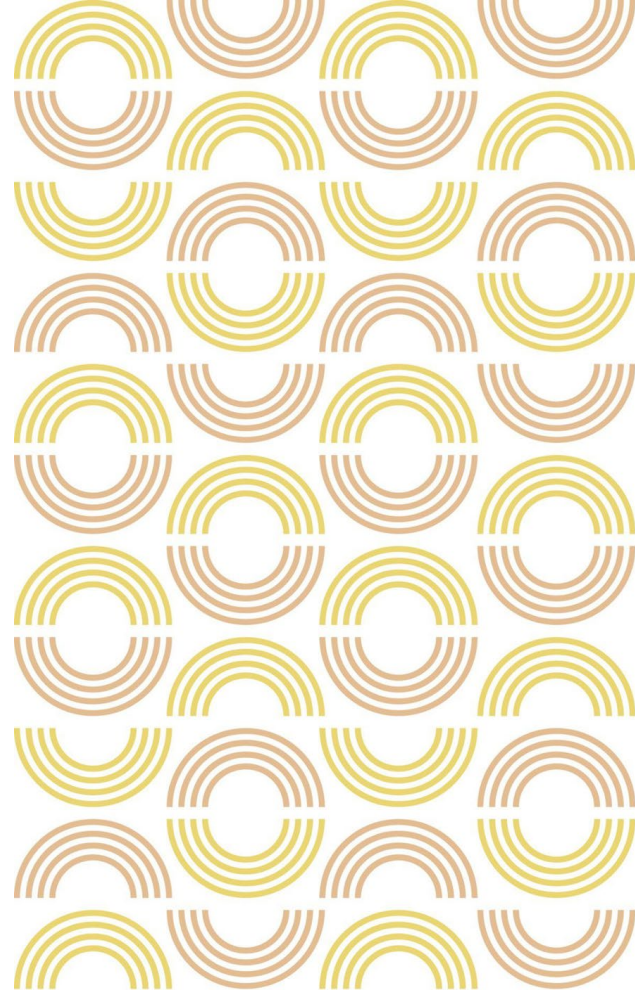
Justas Dainys

Nature Research Centre, Lithuania



This project has received funding from the European Union's Horizon Europe research and innovation programme, under Grant Agreement No 101059839

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.



Topic(s) addressed :

- HORIZON-CL6-2024-BIO DIV-01-2: Digital for nature
- Human activities have impacted on ecosystems on Earth, with coastal and freshwater ecosystems among the most affected
- Recreational fishing is likely to be a major force, but remains largely unassessed.
- Novel methods can revolutionise this assessment, but need further research

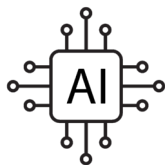
Traditional methods

AI

Citizen science

Remote sensing

Modelling



Project idea



“Sustainable Inland Fisheries” project



www.sif.lt

Aerial inspections + conventional methods + on site interviews +
scientific data + smartphone device data

Addressed recreational fishing impacts on regional and national
levels

But can we do it even on a bigger scale ?

Main expertise offered / sought

- For holistic assesement we aim to combine various novel datasets covering different spatial and temporal dimentions .
- Historical data (scientific data, photos , archeological , etc.)
- Citizen science –there are millions of citizens observing nature each day
- Novel technological possibilities –new devices can be a valuable source of information

You're more than welcome to contact us and join forces for brighter future !!

Contact details



Dr. Justas Dainys

State research institute
Nature research centre
Lithuania

justas.dainys@gamtc.lt

www.gamtostyrimai.lt/en/

www.sif.lt

www.waterlife.lt