

## Involvement in the activities of the European research infrastructure DANUBIUS-RI (ESFRI)

Responsible leader

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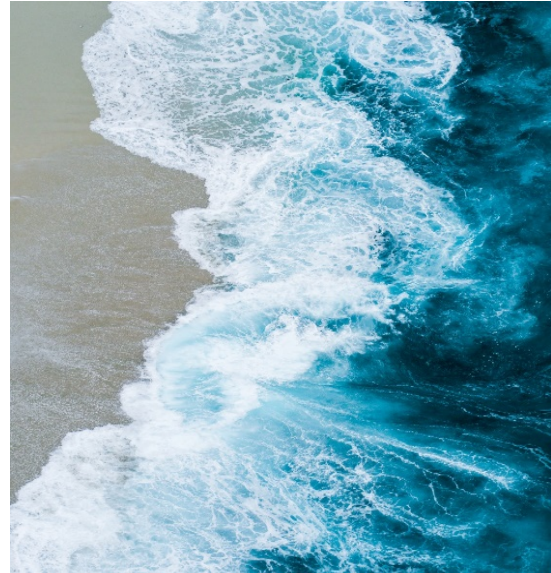
### OBJECTIVES OF THE DANUBIUS-RI INTERNATIONAL CENTER

The DANUBIUS-RI International Center is a pan-European research infrastructure supporting interdisciplinary research on large river and marine systems.

DANUBIUS-RI offers state-of-the-art and most suitable equipment for monitoring rivers from sources to coastal and marine systems; a data portal for the integration of existing data and knowledge across sectors and disciplines, complemented by new data and syntheses; advanced intelligent observation and analytical technologies developed together with small and medium-sized enterprises; education and training programs for scientists and much more. The goal of the DANUBIUS-RI infrastructure is to connect scientists from different disciplines to achieve a broad multidisciplinary approach.

The infrastructure deals with interdisciplinary topics and issues related to the sustainability of the river-sea system.

DANUBIUS-RI consists of 27 research organizations from 12 countries. The consortium of countries has been working since the inclusion of DANUBIUS-RI in the ESFRI plan to establish the DANUBIUS-ERIC consortium on the basis of EU Regulation 723/2009.



### INVOLVEMENT OF THE FACULTY OF FISHERIES AND PROTECTION OF WATERS

CENAKVA's current cooperation with DANUBIUS-RI includes participation in the activities of the preparatory phase of ERIC. CENAKVA will be an accredited service provider in the ERIC consortium, especially in relation to the Elbe estuary. The goal in the medium term will be to establish the Middle Elbe Supersite based in the Czech Republic. Another Czech partner, CzechGlobe, will operate in the ERIC as an accredited service provider focused on greenhouse gas flows in relation to freshwater ecosystems. Based on the "Memorandum of Understanding on Cooperation" between the LRI CzechGlobe and the LRI CENAKVA of April 26, 2019, the national consortium "DANUBIUS CZ" was established. The results achieved within the research activities of the research infrastructure have a high societal relevance with an overlap into the political and business spheres. The aim of CENAKVA RI is to provide the consortium with specific know-how and the opportunity to share a unique research infrastructure.

### CONTACT



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