

Galician Marine Sciences Program x BDICESGA

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The protection and sustainable management of marine ecosystem services is the main challenge of the Galician Marine Sciences Program (Programa de Ciencias Mariñas de Galicia, CCMM) through three main lines of action: observation and monitoring of the marine environment and the coast; sustainable, smart and precision aquaculture, and innovation, knowledge and opportunities to adapt to change in the marine economy.

These three main lines are developed with the participation and drive of 250 researchers belonging to 89 research groups from multiple disciplines, and all the public institutions involved in the generation of marine science in Galicia. The Galician Marine Sciences Program is part of the State Marine Sciences Program, which in turn is part of the Complementary R&D&I Plans with the Autonomous Communities, through Investment Line 1 of Component 17 of the Recovery Plan, Transformation and Resilience.

CESGA participates in the project in the activity related to the data and integration platform that uses CESGA's BigData platform. It will provide quick access to ready-to-use Big Data solutions and allow users to take advantage of modern data processing tools, covering a wide range of use cases that include the processing of large volumes of information in a timely manner. parallel, high-speed processing of data streams in real time, or the processing of heterogeneous data from different sources (structured and unstructured). There is no need to learn how to deploy complex Big Data services, users will connect and start using the platform. BDICESGA provides a scalable infrastructure whose capacity can grow with demand by adding additional resources.

<https://cmmbigdata.cesga.es/#features>

<https://cetmar.org/projects/programa-de-ciencias-marinhas-de-galicia/?lang=en>

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