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Galician Marine Sciences Program Data Lake DEMO

Tuesday, 29 October 2024 11:30 (30 minutes)

This demo will show the Galician Marine Sciences Program Data Lake in action, focusing on how it streamlines the collection, integration and analysis of diverse marine ecosystem datasets.

Participants will see how easy it is to use the Data Lake for various marine science use cases but this could be extrapolated also to other fields.

The demo will emphasize how the Data Lake enables researchers to process large-scale datasets efficiently—tasks that would be unmanageable on local systems—while showcasing its scalability and real-time processing capabilities through Apache Spark.

- <https://ccmmbigdata.cesga.es/>
- <https://ccmmbigdata.cesga.es/datasets>
- <https://cienciasmariñas.gal/lang=en>

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Session Classification: Tutorials and demonstrations

Track Classification: Development of innovative software and services