![MareFrame]

8- Instituto Español de Oceanografía

The IEO was founded in 1914!!

- **It is devoted to the scientific knowledge of the oceans and the sustainable use of its fishing resources and the marine environment.**
- **It carries out the assessment of fish and shellfish stocks of interest to the Spanish fishing fleet**
- **It gives scientific advice in Fisheries policies and represents Spain in most science and technology international boards related with the sea and its resources.**

8- Supercomputing Centre of Galicia (CESGA)

The Centre of Supercomputing of Galicia (CESGA) and IEO have a pre-existing legal agreement and will contribute to the project as a third party subjected to Special Clause 10 (SC10) under the IEO beneficiary.

CESGA has the mission to contribute to the advancement of Science and Technical Knowledge, by means of research and application of high performance computing and communications, as well as other information technologies resources, in collaboration with other institutions, for the profit of society.

Its staff have expertise in developing, deployment and execution of technical and scientific applications.

Relevant expertise of staff

Santiago Cerviño

WP2 Leader, assessment modelling

Manolo Meixide

Stock assessment, pelagics

Montse Pérez

Population genetics, traceability

Andrés Gómez

HPC , Application performance

Aurelio Rodríguez

HPC, Coprocessors, Application Performance

Francisco Velasco

Fish ecology, modelling, ACOM

Izaskun Preciado

Trophic relationships

Begoña Santos

Cetacean ecology, statistical modelling

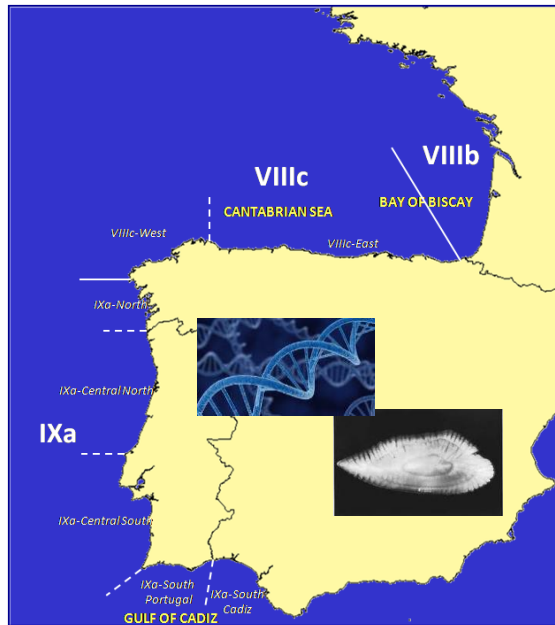**Camilo Saavedra**

PhD student, GADGET

Contribution to MareFrame

- **Scientific Committee member.**

- **WP2 (WP leader), WP3, WP4, WP5 & WP6.**

- **Involved in CS 5 (Western Waters – Iberian Peninsula)**

Contribution to CS5
W Waters – Iberian Peninsula

Improve the hake assessment (GADGET)
- New information:
    - genetic, isotopes, fecundity, etc
- Multispecies models
    - cetacean predation
    - hake predation on small pelagic
- Computation (with CESGA).
    - Computing infrastructure and
    - Expertise in application performance