



WGAGFA

Working Group on Application of Genetics in Fisheries and Aquaculture

Aquaculture Steering Group (ASG)

RESEARCH FOCUS

- **Ecosystem-based Fisheries and Aquaculture Management** through understanding genetic diversity, connectivity, evolutionary history and species interactions.
- **Conservation and Biodiversity Preservation** by studying marine ecosystems from genes to species, populations and communities.
- **Climate Change Forecasting** through understanding genetic adaptation and responses to changing environmental conditions.

OUR OBJECTIVE

Exploring cutting-edge genomic advancements that show promise in realizing the ICES vision.

Facilitating the integration of well-established genetic methods to enhance fisheries and aquaculture management.

Generating new genetic knowledge to better understand ecosystems, so that we can forecast climate change impacts and foster conservation efforts.

OUR EXPERTISE

Applying a wide range of genetic concepts and techniques to better understand marine ecosystems and their resources, including metagenomics, population genetics, eco-evolutionary genomics, quantitative genetics, and genotype-environment/trait associations. Contributes to knowledge transfer to the ICES community through leaflets, training courses and publications.

OUR CHAIR

Naiara
Rodríguez-Ezpeleta



Scan and learn more
about our work