Organisations

PhD Student, National Institute of Aquatic Resources
23/02/2016 → present
amoa@aqua.dtu.dk
VIP

Section for Marine Living Resources
07/09/2016 → present
VIP

Projects:

Genomic patterns and processes of population divergence in marine fishes
National Institute of Aquatic Resources
Period: 01/03/2016 → 28/02/2019
Number of participants: 3
Phd Student:
Le Moan, Alan (Intern)
Supervisor:
Bekkevold, Dorte (Intern)
Main Supervisor:
Hansen, Jakob Hemmer (Intern)

Financing sources
Source: Internal funding (public)
Name of research programme: Samfinansieret - Andet
Project: PhD

Expertise in marine and aquatic ecology and genomics for sustainable management of fish and shellfish in Skagerrak-Kattegat-Øresund (MarGen) (39301)
The marine and freshwater regions encompassing Skagerrak, Kattegat, Øresund and the North Sea are biologically highly productive and contain plentiful living aquatic resources that are important for the region. At the same time the coastal areas are densely populated and industrialized, fish and shellfish resources are heavily harvested, and waters are subject to pollution and eutrophication. The region is also markedly affected by the ongoing global warming, with sea temperature rising nearly 2 degrees C during the last 40 years. These environmental pressures call for investigations into the consequences for aquatic organisms, their potential for adapting to environmental changes, and for identifying management strategies that could mitigate deteriorating environmental conditions, using state-of-the-art methodology. Here, we will capitalize on the revolutionizing developments in genomics, electronic tagging and computer modelling to obtain insights on the ecology, evolution and management of aquatic biodiversity in the region.

The ØKS region harbours leading scientific environments within the aquatic, marine and genomic sciences that are complementary with respect to research and education and that would strongly benefit from better integration and networking. This proposal also aims to establish a research cluster and expand the number of active PhDs, postdocs and senior researchers within the region, thereby fostering an innovative research and educational network in the ØKS region.

This project is coordinated by DTU Aqua.

The project is funded by EU, InterReg (regional collaboration).

National Institute of Aquatic Resources
Section for Marine Living Resources
Institute of Marine Research
University of Gothenburg
Aarhus University
University of Oslo
Norwegian Institute for Water Research
University of Agder
Period: 01/07/2015 → 30/06/2018
Number of participants: 8
Research areas: Population Genetics & Freshwater Fisheries and Ecology
Project participant:
Bekkevold, Dorte (Intern)
Aarestrup, Kim (Intern)
Mensberg, Karen-Lise Dons (Intern)
Meldrup, Dorte (Intern)
Mikkelsen, Jørgen Skole (Intern)
Phd Student:
Kristensen, Martin Lykke (Intern)
Le Moan, Alan (Intern)
Project Manager, academic:
Hansen, Jakob Hemmer (Intern)
Project