
INSTITUTE OF MARINE RESEARCH
HAVFORSKNINGSINSTITUTTET

▸ Societal mission

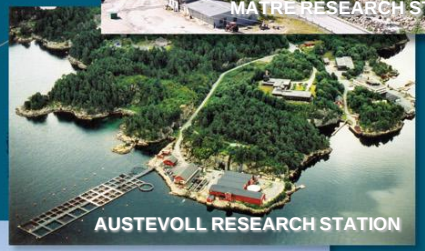
Institute of Marine Research shall develop the scientific basis for sustainable management of resources and environment in the marine ecosystems

Institute of Marine Research – in numbers

- Approx. 750 employees
- Budget: 1,3 billion NOK in 2015
- Approx. 1 publication per scientist per year
- On average 8 PhD per year
- Organized in 6 research programs and 18 research groups
- Center of research based innovation on catch technology

A national institute

Bergen: the IMR headquarters. Offices and laboratories in several buildings at Nordnes

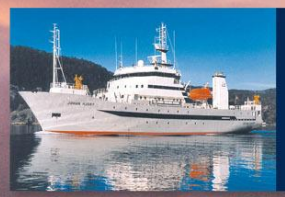


Office Oslo

▸ The research vessels

Our most important tools for collecting data on the ecosystem – > 2000 days at sea every year (including chartered vessels)

G.O. SARS
BUILT: 2003
4067 GRT.
L.o.a: 77,5 M



JOHAN HJORT
BUILT: 1990
1828 GRT.
L.o.a: 64,4 M

G.M. DANNEVIG
BUILT: 1979
171 GRT.
L.o.a: 27,9 M

HÅKON MOSBY
BUILT: 1980
701 GRT.
L.o.a: 47,2 M

DR. FRIDTJOF NANSEN
BUILT: 1993
1444 GRT.
L.o.a: 56,8 M
OWNER: NORAD

NEW
KRONPRINS HAAKON
BUILT: 2016/2017

NEW
DR. FRIDTJOF NANSEN
BUILT: 2015/16

▸ Chartered vessels

- Very important supplement to our own research vessels
- More than 700 days at sea, about 2500 person days each year
- Collecting an array of scientific data from
  - comprehensive ecosystem surveys
  - pelagic fish surveys
  - whale counting
  - gear technology development

IMR charter some of the most advanced fishing vessels in Norway each summer to map the distribution and estimate abundance of mackerel in the Northeast Atlantic.

▸ Research stations

AUSTEVOLL, MATRE AND FLØDEVIGEN

Mostly used for aquaculture research, but also other experiments such as:

- **acoustic measuring of krill**
- **spawning behaviour of herring**
- **accidification**

▸ Main goal

- Explore the environment and the biology of the oceans and coasts
- Give advice to the Ministry of Trade, Industry and Fisheries, the Food Safety Authority, the fishing and aquaculture industry and other stakeholders regarding management of the ocean and coast's biological resources and environment
- Make data and research results known and available to the management, the industry and the society

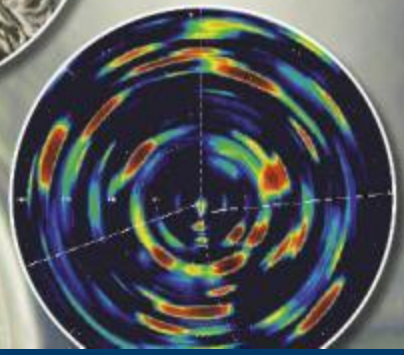
IMR has a free and independent role in all scientific questions

▸ Management advice

• IMR's research and research mission shall, as a main principle, have a management perspective.

• IMR shall secure that basic knowledge is established in areas that might be important to the management in the future.

▸ Main focus areas



- Research
- Advice
- Data

▸ Research

- Understand the reasons for variability in the living marine resources

- Quantify effects of
  - climate change and pollution
  - environmental influences of human activity
  - farmed organisms and farming activity on wild fish and the coastal ecosystems

- Develop models for understanding the ecosystems' functions
- Deliver the knowledge basis for sustainable development of aquaculture
- Strengthen the biological knowledge about species in aquaculture and important species in the coastal ecosystems

▸ Advice

- In front in the development of ecosystem based resource advice
- Perform quantitative assessment and evaluation of the state of the great marine ecosystems
- Strengthen the advice for management of the marine environment in the coastal zone
- Develop the advice within aquaculture through risk assessment and anchor the advice for aquaculture nationally and in ICES
- Develop new survey strategies and technology for surveying climate, environment and resources in the oceans and on the coast
- Develop plans for sampling of fish, shellfish and marine mammals

▸ Data

- Be a reliable national manager of marine data through a national network of databases
- Develop systems for easy access to marine data
- Secure and archive marine data, biological samples, images etc.

▸ MAREANO

The MAREANO project maps depth, sediments and biodiversity in Norwegian waters in collaboration with the Geological Survey of Norway and the Norwegian Hydrographic Survey.

Results are presented as maps on www.mareano.no

Other projects:

- Habitat mapping in the coastal zone
- Mapping of sponge
- Studies of coral reefs
- EU network on biodiversity

▸ Centre for Development Cooperation in Fisheries

- Development of research competence and administrative systems for fisheries in developing countries
- Projects in more than 40 countries the last 40 years
- Fish for development

▸ International cooperation

- An important advisor in international organisations and commissions
- Chairs in the International Council for Exploration of the Sea (ICES)
- Extensive participation in international programmes
- Memorandums of understanding with sister institutions worldwide
- Cooperation with the Russian marine research institute PINRO for more than 50 years

Vision

Knowledge and advice for rich and clean marine and coastal regions

Ambition
We will be international leaders in marine research and advisory services

Values
All of our work will be based on integrity, pleasure in creative activity, cooperation and respect