

MAREANO - International workshop on seabed mapping methods and technology.

17-18th October 2012

Geological Survey of Norway, Trondheim

MAREANO is Norway's major seabed mapping programme, and one of the largest in the world. Since its initiation in 2005 MAREANO has employed modern methods and technologies toward seabed mapping, but is continuously looking for improvements that could optimize future mapping efforts. Exchange of knowledge with the international scientific community is central to the future development of seabed mapping for MAREANO and similar programmes worldwide. This workshop will provide a forum for presentation and discussion of current and emerging seabed mapping methods and technology.

Open workshop

The workshop is open for all scientists interested in the subject. MAREANO will cover the workshop expenses (venue, food etc.) for a maximum number of 40 external participants. All other expenses (travel, hotel etc.) must be covered by individual participants.

Workshop themes

- **Introduction and international outlook**
- **Maximising the output from acoustic investigations**
- **Visual tools for non-destructive sampling**
- **Benthic biological sampling and data management**
- **Integration, modeling and dissemination of complex data**

The purpose of the workshop is to increase the insight into state-of-the-art methods for mapping the seabed and benthic ecosystems. The workshop will specifically address the needs for sustainable ocean management. It will discuss how new seabed mapping methods and technologies can produce more and better scientific data, and lead to knowledge that can improve the decision support base for ocean management. An important aspect will also be to discuss how the MAREANO data can be used for monitoring

All parts of the chain from data acquisition to analysis and integrated modelling will be examined. National and international participants are invited to share their experience from several aspects of seabed mapping and documentation.

The workshop will be held over 2 days, at the Geological Survey of Norway, in Trondheim, on 17th-18th October 2012. Both days will be open to the scientific community, and comprise presentations of state-of-the-art methods and tools from national and international scientists (including Norway, U.K., Ireland, U.S.A., Canada,

Australia). At the end of the first day, MAREANO invites all attending the workshop to an informal workshop dinner. The second day will be a mix of talks and discussions. An important outcome of day 2 will be to discuss how MAREANO and similar programmes can utilize new methods, technologies and tools in future mapping. Oral presentations are by invitation only, however other participants are welcome to bring poster presentations to contribute to the discussion.

We encourage any interested scientists to participate in this workshop and contribute to the discussions. There is no conference fee (coffee, lunches and conference dinner will be provided). All participants must register for the conference **no later than 30th September 2012**. Early registration is advised as the number of non-MAREANO participants is limited to 40. With the exception of invited speakers, participants must cover their own travel and accommodation costs.

[Registration](#)

Hotels:

[Rica Nidelven Hotel](#) – Price per night 1.075 NOK – Code NGU/Fylkesmannen i Sør-Trøndelag (County Governor of Sør-Trøndelag)

[Preliminary programme](#)