

IQOE workshop “Guidelines for observation of ocean sound”

Introduction:

The *IQOE Working Group on Standardization* has the ambition to recommend best practices for experiments, observation, reporting, and other means to ensure that results are comparable and can be integrated to standardize data across large temporal and spatial scales. In May 2018 the group released a first inventory of existing standards for observations of sound in the ocean. This can be found at the IQOE Website (<https://www.iqoe.org/groups/standardization>) The inventory shows that there exist no current standards for measuring, processing, reporting or managing ocean sound observation data. At the same time, many ocean sound observation projects world-wide have started or are being planned. Harmonization and standardization of approaches would facilitate inter-comparison of the results of these observations. Therefore, the IQOE Working Group on Standardization proposes to organize:

IQOE workshop “Guidelines for observation of ocean sound”

Objective: To develop IQOE guidelines for observation of ocean sound

When: Saturday 13 July 2019 at 09:00-13:00 (i.e., the day after the Aquatic Noise 2019 meeting)

Where: Park Hotel, Molenstraat 53, The Hague, Netherlands

Who:

- Organizers: Christ de Jong, Michael Ainslie and Jennifer Miksis-Olds
- Participants: by invitation only (max 25), representing:
 - IQOE Standards Working Group and prospective Bioacoustical Standardization Working Group
 - IQOE Biodiversity and Arctic Working Groups
 - Europe
 - EU TG Noise (Monitoring Guidance for MSFD)
 - BIAS project (Baltic Sea)
 - Jomopans project (North Sea)
 - Jonas project (EU Atlantic Seas)
 - QuietMed project (Mediterranean Sea)
 - USA:
 - ADEON project (US Mid- and South Atlantic Outer Continental Shelf)
 - NOAA/NPS Ocean Noise Reference Station Network
 - Canada:
 - ESRF East Coast monitoring project
 - ECHO programme, Vancouver
 - Seaways project, St. Lawrence
 - Australia:
 - IMOS National Mooring Network
 - Asia:
 - 2019 International workshop on marine soundscape (JAMSTEC, Yokohama)

How:

1. Organizers collect, analyze and summarize the information about guidelines for measuring, processing, reporting and management of ocean sound data from various projects
2. Organizers present results at the workshop, including suggestions for standardized guidelines, for discussion with the participants
3. Workshop in The Hague on the day after Aquatic Noise 2019
4. Organizers report the results of the workshop in a document, providing guidelines where consensus could be achieved and describing the obstacles to reaching further consensus
5. Participants and IQOE WG on Standardization review the draft report
6. Final report to be published via the IQOE website

Costs:

Participation is free (no fee). The JOMOPANS project (Rijkswaterstaat, Netherlands) sponsors the venue, facilities and lunch.

Parallel workshop:

A parallel workshop is organized by the Jomopans project in co-operation with IQOE named **“Monitoring continuous underwater sound – beyond acquisition”** that will focus on discussing the requirements for data management, sharing and harmonization, to find ways to make the monitoring data available to scientist, policy makers and the public. Both workshops will be held at the same time and the same venue. Coffee breaks and lunch can be used for information exchange.

REGISTRATION:

Please confirm your attendance before **1 June 2019** by email to christ.dejong@tno.nl.