



Virtual Conference on Acoustics in the Arctic Ocean
11-12 November 2020
[Registration Requested](#)

Goals and Products of Meeting: The goal of the meeting is to provide an opportunity for the community of scientists working on sound in the Arctic Ocean region to report on their recent work online, to promote networking of scientists worldwide while travel is limited by the COVID-19 pandemic. The conference will help the Working Group on Arctic Acoustic Environments of the International Quiet Ocean Experiment (IQOE) make progress on its terms of reference (see <https://iqoe.org/groups/arctic>). Potential products will be discussed during the conference.

Agenda

Day 1 (11 November 2020): Morning Session

- 08:00 UTC Introduction – Philippe Blondel and Hanne Sagen, co-chairs, IQOE WG on Arctic Acoustic Environments
- 08:15 UTC Instructions – Ed Urban, IQOE Project Manager
- 08:30 UTC Sessions: Each session will include 10-minute presentations based on previously Submitted PowerPoint presentations, including time for questions.
- 08:30-09:30 UTC Session 1: Sustained observing systems for passive acoustics in the Arctic Ocean
- 9:30-10:30 UTC Session 2: Creating time series of data in the Arctic Ocean
- 10:30-11:30 UTC Session 3: Effects of anthropogenic sound on organisms in the Arctic Ocean
- 11:30-12:30 UTC Session 4: Data and process studies needed for effective management of anthropogenic sound in the Arctic Ocean
- 12:30 UTC Finish morning session

Day 1 (11 November 2020): Afternoon Session (repeats morning session)

- 16:00 UTC Introduction – Philippe Blondel and Hanne Sagen, co-chairs, IQOE WG on Arctic Acoustic Environments
- 16:15 UTC Instructions – Ed Urban, IQOE Project Manager
- 16:30 UTC Sessions: Each session will include 10-minute presentations based on previously Submitted PowerPoint presentations, including time for questions.
- 16:30-17:30 UTC Session 1: Sustained observing systems for passive acoustics in the Arctic Ocean

- 17:30-18:30 UTC Session 2: Creating time series of data in the Arctic Ocean
- 18:30-19:30 UTC Session 3: Effects of anthropogenic sound on organisms in the Arctic Ocean
- 19:30-20:30 UTC Session 4: Data and process studies needed for effective management of anthropogenic sound in the Arctic Ocean
- 20:30 UTC Finish afternoon session

Day 2 (12 November 2020): Morning Session

- 08:00 UTC Summary from Day 1 – Philippe Blondel and Hanne Sagen, co-chairs, IQOE WG on Arctic Acoustic Environments
- 08:30 UTC Sessions: Each session will include 10-minute presentations based on previously Submitted PowerPoint presentations, including time for questions.
- 08:30-09:30 UTC Session 1: Observing System Simulation Experiment for sound in the Arctic Ocean
- 9:30-10:30 UTC Session 2: Ocean Sound Essential Ocean Variable for the Global Ocean Observing System:
- 10:30-11:30 UTC Session 3: Using historic acoustic data from the Arctic Ocean
- 11:30-12:30 UTC Session 4: Product(s) from Conference
- 12:30 UTC Finish conference

Day 2 (12 November 2020): Afternoon Session

- 16:00 UTC Summary from Day 1 – Philippe Blondel and Hanne Sagen, co-chairs, IQOE WG on Arctic Acoustic Environments
- 16:30 UTC Sessions: Each session will include 10-minute presentations based on previously Submitted PowerPoint presentations, including time for questions.
- 16:30-17:30 UTC Session 1: Observing System Simulation Experiment for sound in the Arctic Ocean
- 17:30-18:30 UTC Session 2: Ocean Sound Essential Ocean Variable for the Global Ocean Observing System
- 18:30-19:30 UTC Session 3: Using historic acoustic data from the Arctic Ocean
- 19:30-20:30 UTC Session 4: Product(s) from Conference
- 20:30 UTC Finish conference