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
09:30-10:30 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
09:30-10:30 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