

Theme session 1: SOCAT – Update and road ahead

Leads: Dorothee Bakker (UEA, UK), Kim Currie (NIWA, New Zealand) & Are Olsen (UiB, Norway)

13:00 - 13:15

Ongoing and future activities

Speaker: Dorothee Bakker (UEA, UK) – 15 min, including:

- **Data upload** - Camilla Landa (UiB, Norway) – 5 min
- **Automation of metadata upload** - Kevin O'Brien (NOAA PMEL, USA) – 3 min
- **Sea surface temperature, salinity and atmospheric pressure**
- **Other surface water parameters**
- **Surface water CH₄ and N₂O using SOCAT infrastructure** - Tobias Steinhoff (GEOMAR, Germany) with input from MEMENTO group – 3 min

13:15 - 14:00

Discussions on:

- **SOCAT quality control**
Speaker: Siv Lauvset (Uni Research Climate, Norway) – 5 + 10 min
- **Atmospheric CO₂ – Value added, requirements**
Speaker: Jonathan Bent (NOAA ESRL, USA) with input from Penelope Pickers – 5 + 10 min
- **Calculated surface water fCO₂ from new observing platforms**
Speaker: Rik Wanninkhof (NOAA AOML, USA) – 5 + 10 min