



BIOPOLE: Biogeochemical processes and nutrient cycling in polar fjord systems and their sensitivity to climate change

22 March 2024 | 13:30 - 17:00 (UK)

Open Session - HYBRID

Room: Nelson (St Leonards)

Organiser: Alanna Grant (UK Centre for Ecology and Hydrology, United Kingdom)

Agenda:

- 13:30-13:45 – BIOPOLE project overview (*Bryan Spears*)
- 13:45-14:00 - BIOPOLE 2023 land-based field campaign in Ny-Ålesund, Svalbard: A brief summary (*Alanna Grant*)
- 14:00-14:15 - Physical and bio-optical properties of Kongsfjorden: setting the scene for biogeochemical studies (*Kate Hendry*)
- 14:15-14:30 - Dissolved greenhouse gas concentrations across the aquatic continuum in Svalbard (*Amy Pickard*)
- 14:30-14:45 – Metals analysis from Kongsfjorden, Svalbard (*Justyna Olszewska*)
- 14:45-15:00 - In-river algal growth experiments in Ny Ålesund, Svalbard (*Alex O'Brien*)
- 15:00-15:30 – Open discussion in room and online
- 16:00 – 16:20 – Presentation on Greenland research (*Pete Nieno*)
- 16:20 – 17:00 - Open discussion in room and online