

1h: „Record low Antarctic sea ice in 2023“

In 2023, Antarctic sea ice reached the lowest ever recorded summer minimum extent and many regions remained almost ice free in austral fall and winter, resulting in massive negative anomalies that have not been observed so far. In this session, we would like to discuss the potential drivers and consequences of this dramatic sea ice loss from an interdisciplinary perspective, ranging from atmospheric, to cryospheric and oceanic processes, and from physical to biogeochemical, and ecosystem considerations.

Presenters: HAUMANN, Alexander; ARNDT, Stefanie

Session Classification: Breakout Sessions