

Institute for Meteorology

Summer Semester 2022

Announcement of Lectures and Exercises

Polar Climate

(Master of Science Meteorology, Module A4)

Lectures: Heike Kalesse-Los, Elena Ruiz-Donoso, Jonas Witthuhn

Seminar: Heike Kalesse-Los, Elena Ruiz-Donoso, Jonas Witthuhn

Location: Seminar Room "Arktis", Prager Str. 34, 5th floor

Big Blue Button Link: <https://ninjo.meteo.uni-leipzig.de/b/hei-4r7-au2>

Time: Thursday 9:15 - 10:45 h (Lecture)

Thursday 10:45 - 11:30 h (Seminar)

Start: Thursday, 14th April, 2022

Topics: The module Polar Climate focuses on the components atmosphere, ocean and sea ice of the Arctic climate system and their interactions. It also deals with the large-scale circulation in the Arctic and the Arctic amplification and contrasts the peculiarities of the Arctic and Antarctic climates.

Exam: Seminar talk and about a scientific paper on Polar Climate topic with discussion (20-30 min)

Literature: Serreze, M. & Barry, R.: The Arctic Climate System, Cambridge University Press