



Geological Workshop Geology of Svalbard Basement

3-9 September, 2024, Svalbard

SVALGEOBASE II: TECTONO-THERMAL EVOLUTION OF SVALBARD – FROM METAMORPHIC AND MAGMATIC PROCESSES TO GEOTHERMAL ENERGY

TRANSFER DAYS

Please find below detailed information concerning the first and the last days of the workshop

03.09.2024 (Tuesday)

14:10 – arrival at Longyearbyen airport - SAS flight from Oslo (SK4490)

14:30 - bus transfer: Longyearbyen airport – University of Svalbard (UNIS)

15:15 – 16:00 – pizza, coffee and tea at UNIS

16:00 – 18:00 – Opening Session at UNIS lecture hall (Lassegrota)

18:15 - bus transfer: UNIS – Longyearbyen harbour

18:30 – embarkation on MS Horizont II

19:00 – dinner on board

20:00 – departure from Longyearbyen to Ny Ålesund

09.09.2024 (Monday)

8:00 – arrival at Longyearbyen harbour and breakfast on board

9:30 – 10:00 – disembarkation from MS Horizont II

10:00 - 12:30 – free time in Longyearbyen (your luggage will be stored on board)

12:45 – bus transfer from Longyearbyen centre to Longyearbyen airport

14:45 – departure from Longyearbyen - SAS flight to Oslo (SK4493)

You have to have passport with you! National IDs etc. are not sufficient enough to cross border checkpoint while traveling to Svalbard.

ON BOARD

MS Horizont II is a research vessel operated by the Gdynia Maritime University. It has been built in the year 2000 based on a modified sailing ship designed in 1987. It can accommodate up to 57 staff, students and researchers, and allows for running surveys in Polar regions. Since the year 2000, MS Horizont II serves as the scientific and educational platform, provides expedition transport to Polar regions and supplies Polar stations.



Length x breadth: 56 m X 12 m

Draught: 5 m

Average speed: 12 knots.

More information about the vessel can be find at the official GMU website:

<https://umg.edu.pl/en/horyzont-ii-0>

- Participants of the workshop will be accommodated in 5-berths en-suite cabins.
- Full board will be provided. There will be three meals served during the day.
- Tea and coffee will be served during sessions breaks. Bottled water will be available.
- Soft drinks, sweets, snacks, coffee and tea also will be served after evening sessions in a club room.

Please be aware that alcohol drinks cannot be purchased on board. Therefore participants must account for such items within their own capacity.

Individuals must secure their own medications as well as their application. Vessel officers are trained as first aiders, but as a rule they are not allowed to administer pharmaceuticals.

Please be aware that the last mobile phone, internet and radio services are available in Isfjord. After we cross Salpynten (southern cape of Prince Karls Forland), there is no communication for passengers with any commercial network providers.



INSURANCE

Please make sure you have appropriate insurance which covers hospital medical treatment, transfer days and stay in Svalbard, optional medical transport to the mainland.

Regarding Search and Rescue operations, you are fully protected by the MS Horyzont II shipowner's SAR policy whenever you are on the sea. However, this does not include activities on shore. You should secure on your own SAR insurance covering activities during landings up to 50 000 EUR.

For Polish participants – at this moment the best choice is PZU WOJAZER - option High Risk Sports - this is hybrid insurance covering simultaneously SAR and medical treatment.

Norwegian participants - Gjensidige forsikring is a good option (activities on land only).

Please check at your home scientific institution that you will be properly insured.

OUTFIT

The field excursions will not be demanding – duration 3-5 hours, max. 5-6 km walk, relative heights max. 100 – 150 m; sporadically shallow streams, zones of wet tundra or debris to cross. Exception is optional walking to the top of Sverrefjellet volcano (506 m above sea level).

The group will be equipped with min. 3 rifles, flare guns, suitable number of communication equipment (UKF radios, distress beacons, Garmin In Reach, satellite telephone) and first aid kits. People who will not be able to walk the whole max. distance, will have occasion to take part in reduced, less demanding excursions or will be escorted back the landing place and will return on board.

Please make sure to bring appropriate clothing. It can be considered as mountain trekking clothing, which usually includes: water-proof jacket, fleece, water-proof trekking shoes or Wellingtons (very useful during landings and crossing streams and waterlogged tundra), weather proof trousers (i.e. with inner fleece) warm hat and any other equipment that you see suitable for late summer arctic conditions. Do not forget your camera.

Most of you are experienced Arctic researchers, who spent many seasons in the field. Those who are visiting Svalbard for the first time please contact us directly. We will be happy to advise you on appropriate outdoor clothing.



SAMPLING

SvalGeoBase II is registered in Research in Svalbard database – RIS ID: 12478

The Governor of Svalbard allowed for the following our activities in the landing locations:

- A. Drones operations to make digital outcrops of sites, which will lessen the need for future excursions.
- B. Preliminary geological sampling for assessing future fieldwork; the number and weight of samples must be very limited. We are allowed to collect max. 120 kg of samples in total (20 kg in each of landing locations), weight of particular sample max. - 1.5 kg. The samples should be collected using handheld tools (such as geological hammers), mechanical drills are not allowed. We are not allowed to collect fossils.

More extensive sampling requires separate application to RiS and Sysselmannen.