

2021 – 2023 The terrestrial Ecology Flagship in Ny-Ålesund: reinforcement and further development – activities for 2021-2023.

Norwegian Polar Institute (NO), Rijksuniversiteit Groningen (NL), Ghent University (BE), University of Tromsø - The Arctic University of Norway (NO), National Institute of Polar Research (JP) National Research Council of Italy (IT), JU (CZ) a Adam Mickiewicz University (PL)

Svalbard Science Forum – ES610235.

2021-2022 INTERACT Disentangling the Population Structure of Arctic Waders.

DPSAW

2020 – 2023 Polyphasic assessment of diversity of phototrophic microorganisms from cold environments and their bioprospection potential.

CZECH-INDIANCOOPERATIVE SCIENTIFIC RESEARCH. Code 2019LTAiN

2018 - 2022 Sex role evolution: testing the impacts of ecology, demography and genes.

[ÉLVONAL](#) Shorebird Science project

2018 – 2022 Biodiversity and Ecosystem Functioning of High-Arctic Biological Soil Crusts.

Ghent University (BE) and JU (CZ)

Gent University - Special Research Fund (RiS ID 11099)

2018 – 2020 The Terrestrial Ecology Flagship in Ny-Ålesund: reinforcement and further development - activities for 2018-2019

Norwegian Polar Institute (NO), Rijksuniversiteit Groningen (NL), Ghent University (BE), University of Tromsø - The Arctic University of Norway (NO), National Institute of Polar Research (JP) National Research Council of Italy (IT), JU (CZ) a Adam Mickiewicz University (PL)

Svalbard Science Forum - ES610235

2018 – 2019 Biodiversity and ecosystem functioning of High-Arctic biological soil crusts

Gent University (BE) a JU (CZ)

Gent University - Special Research Fund

([RiS ID 11099](#))

2017 – 2018 UV intercomparison and integration in a High Arctic environment

Norwegian Institute for Air Research (NO), National Research Council of Italy - Institute of Atmospheric Sciences and Climate (IT), Institute of Geophysics PAS (PL) a JU (CZ)

Svalbard Science Forum - ES586317 ([RiS ID 10871](#))

2017 – 2021 Microalgal communities in the cryosphere, controls and connectivity from glaciers to sea ice. Billefjorden

University of Tromsø - The Arctic University of Norway (NO), Norwegian University of Science and Technology (NO), Swedish University of Agricultural Sciences (SE) a JU (CZ)

[Arctic SIZE](#) ([RiS ID 10889](#))

2016 – 2021 **MICROBIAN – Microbiome diversity and function in the Sør Rondane Mountains, East Antarctica**

Gent University (BE), Liège University (BE), Royal Belgian Institute of Natural Sciences (BE), Botanical Garden, Meise (BE), Australian Antarctic Division (AU) a JČU (CZ)
Belgian Research Action through Interdisciplinary Networks - BR/165/A1

2016 – 2019 **INTERACT - International Network for Terrestrial Research and Monitoring in the Arctic**

EU HORIZON 2020 PROGRAMME, INFRAIA-01-2016-2017 - Integrating Activities for Advanced Communities - 730938

2017-2020 **Migration routes of the Arctic tern from the northernmost breeding areas in Svalbard**

JU (CZ), Univerzita Palackého v Olomouci (CZ) a Swiss Ornithological Institute (CH)
GAJU - 04-151/2016/P, The Explorers Club Exploration Fund Grant, Nadační fond Univerzity Palackého (RiS ID 10805)

2015-2016 **Polar ecology course - Biosciences**

JU (CZ) a The University Centre of Svalbard (UNIS, NO)
EEA grants & Norway grants NF-CZ07-ICP-1-0532014 (RiS ID 10338)

2015-2016 **Polar ecology course - Geosciences**

JU (CZ), MU (CZ) a The University Centre of Svalbard (UNIS)
EEA grants & Norway grants NF-CZ07-ICP-1-0532014 (RiS ID 10339)

2008-2011 **Nitrogen cycling in aquatic ecosystems in the high Arctic: Contribution of microbial communities in periglacial lakes and cryoconite holes**

JU (CZ), The University Centre of Svalbard (UNIS, NO), University of Bristol (GB) a University of Innsbruck (AT)
(RIS-ID 3391)