

Research Station IPGG "Samoylov Island"

- 5 years of Russian-German Cooperation



Head of Common Use Center "Samoylov Island"

Trofimuk Institute of Petroleum Geology and Geophysics (IPGG SB RAS)

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Scientific research station IPGG "Samoylov Island"

Web-site: samoylov-island.ru



The station supports multidisciplinary arctic research:

- permafrost studies (geological, geomorphological, soil studies, geophysics);
- greenhouse gas emission;
- climate change;
- tundra biodiversity;
- Lena delta hydrology

. . .

Russian-German expedition "Lena Delta" - main user of the station.

Station is included into INTERACT as joint IPGG-AWI unit. Other data networks: GTN-P, FLuxNet...











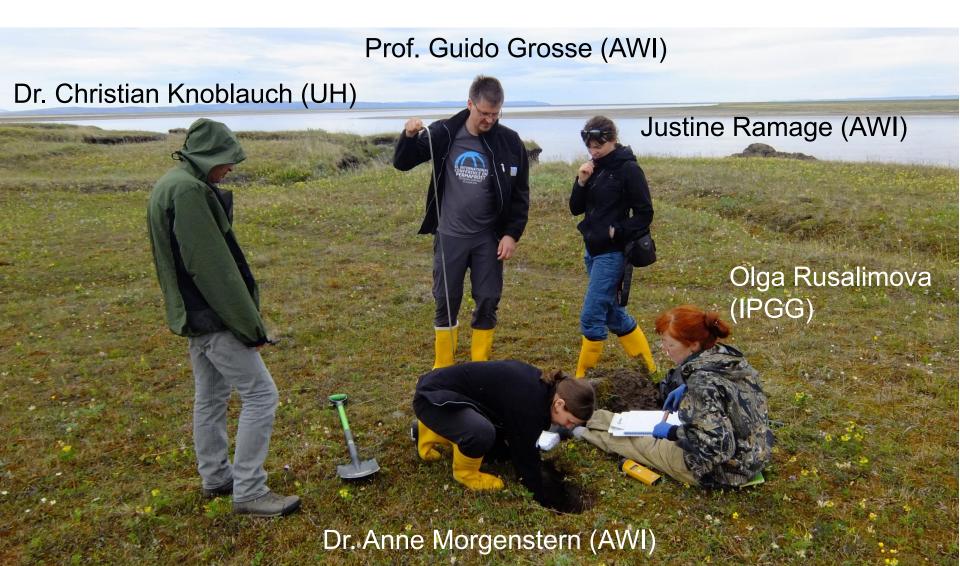








2016 Sharing experience





Russian-German Expedition "Lena-2019" AWI, IPGG, AARI, MPI, ...



Methane emission from ponds

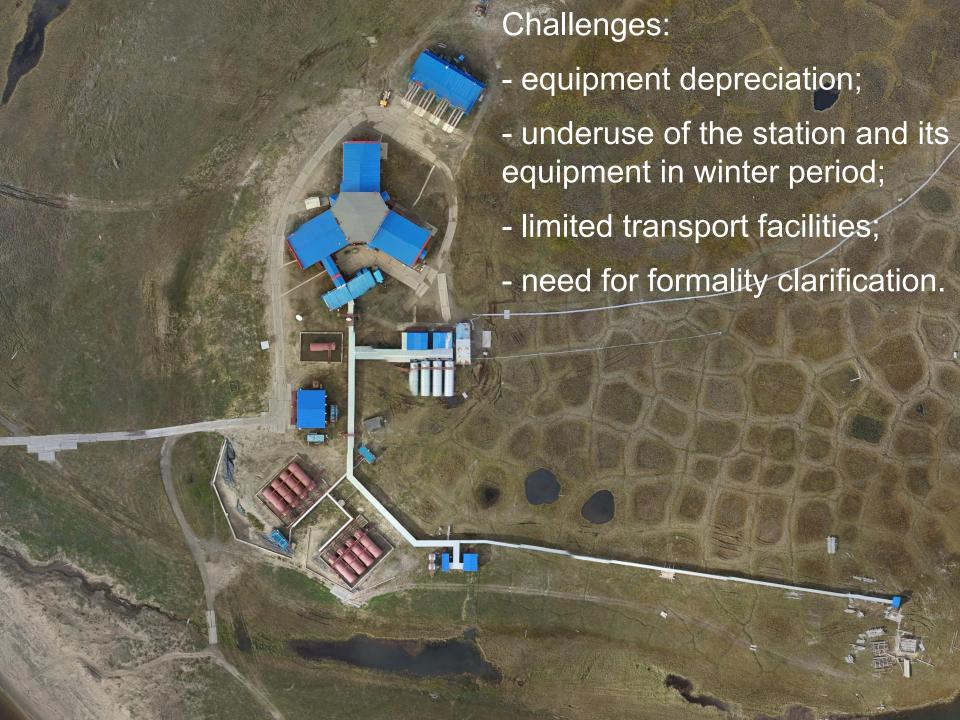
Dr. Lars Kurzbach (Uni Hamburg)
PhD cand. Zoe Rehder (Max-Planck
Institute for Meteorologie)
Dr. Natalia Yurkevich (IPGG)
Anna Zaplavnova (IPGG)



Selsmicity and neOtectonics of the LAptev sea region (SIOLA) AWI/IORAS/GSYB/GFZ/UPotsdam Prof. Wolfram Geissler (AWI) Dr. Anton Duchkov (IPGG)



Goals: - elaboration and realization of interdisciplinary studies program; - support of international research teams; - monitoring organization and maintaining; collaboration with scientific anf educational organizations in the field of joint projects, student practices, etc.



- enlarge and make actual the scientific equipment
- develop full-year monitoring systems
- gather all-purpose data
- ewater purification accessibility with
- supposystemational activities



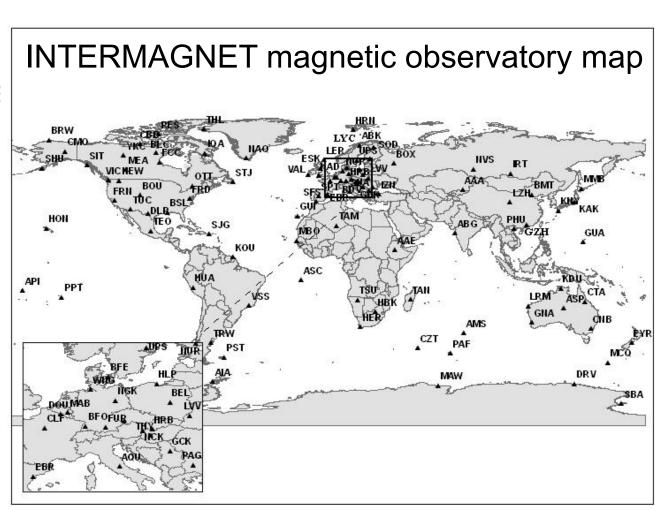
DNA Sequencer



MTU



- enlarge and make actual the scientific equipment
- develop full-year monitoring systems
- gather all-purpose data
- enhance a transpo
- support educationa
- arrange formalitiesmagneticobservatory
 - temperature profiler
 - cloud radar
 - new temprature boreholes



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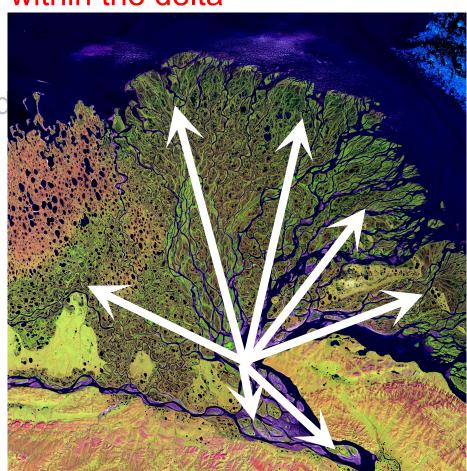


2016

- enlarge and make actual the scientific equipment
- develop full-year monitoring systems
- gather all-purpose data

- enhance a transport accessibility within the delta





- enlarge and make actual the scientific equipment
- develop full-year monitoring systems
- gather all-purpose data
- enhance a transport accessibility within the delta
- support educational activities



+ 2020 ? - educational birdwatching (ornithological) field trip in Lena delta

- enlarge and make actual the scientific equipment
- develop full-year monitoring systems
- gather all-purpose data
- enhance a transport accessibility within the delta
- support educational activities
- arrange formalities (permission, data transfer, etc)

