Polish-Russian Collaboration in East Antarctica

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Information Paper submitted by Poland and Russia

Summary

In a framework of the agreement on research cooperation, Polish experts are going to join the 67th Russian Antarctic Expedition (RAE) in the upcoming summer Antarctic season 2021/2022 for collaborative research in the Bunger Hills of East Antarctica.

A group of Polish scientists and technicians will inspect the condition of the infrastructure at the Dobrowolski Polish Antarctic Station (Bunger Hills, East Antarctica), after 40 years of non-use. The Station was handed over to Poland by the USSR in 1958, and the last Polish expedition took place in 1978/79.

Polish and Russian researchers will carry out geological and geomorphological field work in the Bunger Hills area. The expedition will also investigate the possibility of installation of autonomic and automatic seismological and/or geomagnetic instruments to monitor geophysical fields for scientific purposes (see ATCM40\_bp005-e). After the eventual installation and operation of instruments, data obtained will be made available to the international research community. An initial environmental evaluation will also be prepared.