



## **Research Station "Ice Base "Cape Baranov"- overview of activities in 2013 – 2015 years**

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Research Station "Ice base "Cape Baranov" of Arctic and Antarctic Research Institute (AARI) had been opened in the fall 2013 on the Bolshevik Island, Archipelago Severnaya Zemlia. Now it is going as the integrated observatory, conducting comprehensive studies in practically all areas of Earth Sciences: from free atmosphere to sea ice and sea water structure in the Shokalsky Strait, from glaciers to permafrost, from paleogeography to ornithology. Overview of activities together with some preliminary results of field works at the station performing in 2014 - 2015 years by international multidisciplinary team in frame of free atmosphere, atmospheric surface layer, greenhouse gases and aerosol studies is presented together with model estimations of active soil layer.