

Project : Causes of the early 20th century Arctic warming

Final meeting, Toruń, 29.10.2018

Programme

29.10.2018

9:00 – 9:15 Welcome and self-presentation

9:15 – 9:45 Rajmund Przybylak „Causes of the Early 20th century Arctic Warming. CEArc project overview”

9:45 – 10:15 Tadeusz Niedźwiedź, Ewa Łupikasza, Przemysław Wyszyński, Rajmund Przybylak „Contribution of atmospheric circulation to the Early Twentieth Century Warming on Spitsbergen”

10:15 – 10:45 Doerthe Handorf, Annette Rinke, Ralf Jaiser, Klaus Dethloff "Changes in atmospheric circulation regimes over the North Atlantic-Eurasian region during the early and recent Arctic warming periods"

10:45 – 11:15 **Coffee break**

11:15 – 11:45 Pavel Sviashchennikov, Uliana Prokhorova "Research of atmospheric circulation variability during the warming periods in the Atlantic sector of the Arctic on a basis Girs-Vangengeym's classifications”

11:45 – 12:15 Ewa Łupikasza, Tadeusz Niedźwiedź „The Influence of Mesoscale Atmospheric Circulation on Spitsbergen Air Temperature in Periods of Arctic Warming and Cooling”

12:15 – 12:45 Andrzej Arażny, Przemysław Wyszyński, Rajmund Przybylak „A comparison of bioclimatic conditions on Franz Josef Land (the Arctic) between the turn of the 19th to 20th century and present day”

12:45 – 13:15 Daniel Klaus, Przemysław Wyszyński, Klaus Dethloff, Rajmund Przybylak, Annette Rinke „Evaluation of 20CR reanalysis data and model results based on historical (1930–1940) observations from Franz Josef Land”

13:15 – 14:15 **Lunch**

14:15 – 14:45 Joanna Uscka-Kowalkowska, Przemysław Wyszyński, Rajmund Przybylak “Solar radiation in the Arctic – source data and first results for the ETCW period”

14:45 – 15:15 Przemysław Wyszyński, Øyvind Nordli, Rajmund Przybylak „Variability of air temperature from ETCAW to RRAW period based on the extended NE Greenland temperature series”

15:15 – 15:45 Rajmund Przybylak, Przemysław Wyszyński „Recent air temperature changes in the Arctic in the light of observational and reanalysis data”

15:45 – 16:15 **Coffee break**

16:15 – 17:30 Brainstorming and closing the workshop (joint discussion how to solve main issues highlighted in the project, fulfil the aims of the project, list of publications, including joint publications, etc.)

19:00 – 22:00 **Dinner in the city centre**