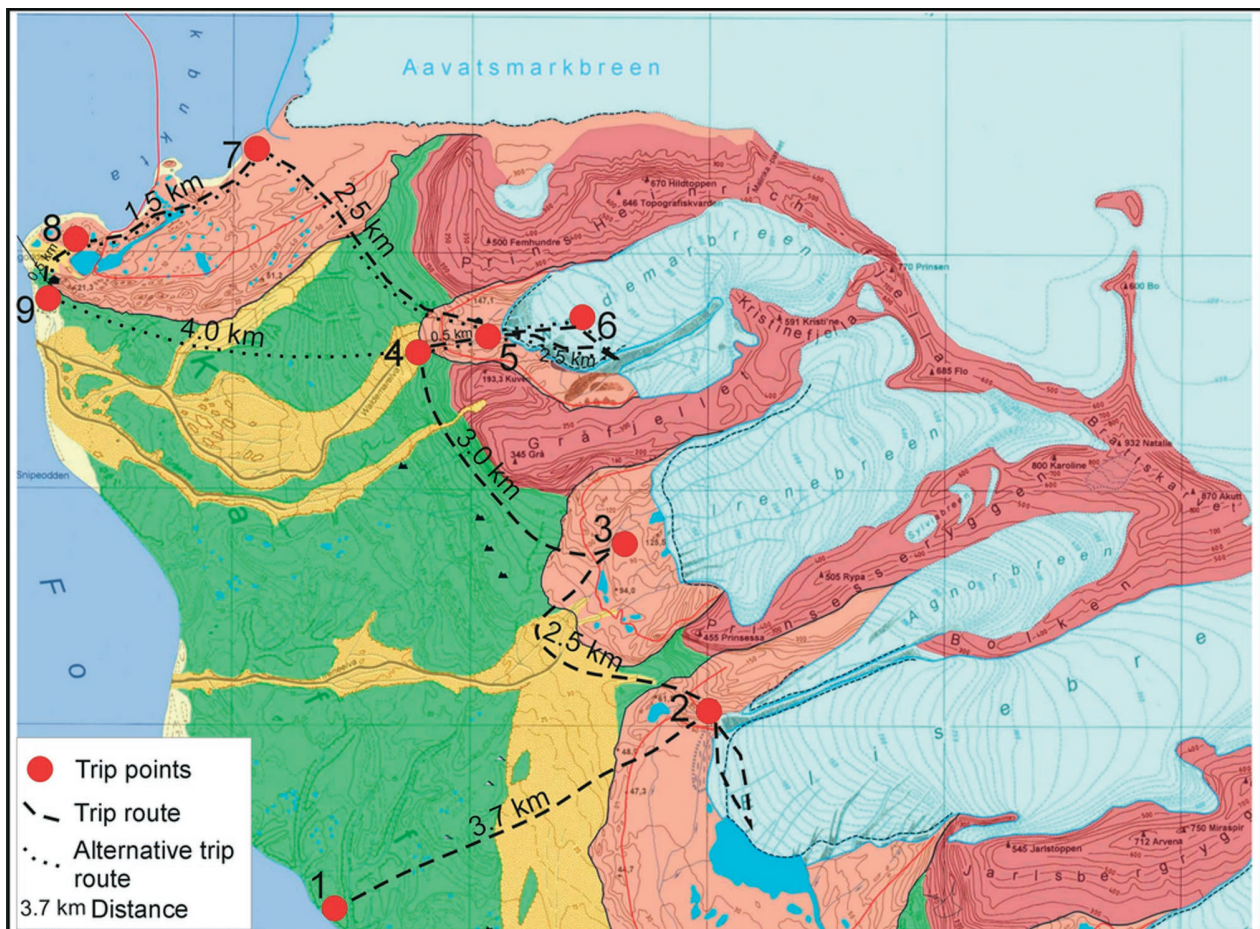


Glaciology, hydrology and geomorphology in the Kaffiøyra region – Leader Ireneusz Sobota



Point 1 – KAFFIØYRA 78° 37' 45" N 11° 56' 59" E

Marek Grześ, Ireneusz Sobota – Geography of Kaffiøyra

Point 2 – ELISEBREEN 78° 38' 44" N 12° 05' 38" E

Ireneusz Sobota – Summer balance of Elisebreen

Point 3 – IRENEBREEN 78° 39' 24" N 12° 03' 26" E

Ireneusz Sobota – Summer balance of Irenebreen

Point 4 – WALDEMAR RIVER 78° 40' 23" N 11° 58' 10" E

Point 4a – Marek Grześ – Naledi of the Kaffiøyra

Point 4b – Ireneusz Sobota – Discharge of Waldemar River and outflow from glacier

Point 4c – Marek Grześ – Thickness of mineral covers on the ice-cored moraine and an active layer of permafrost on the western coast of the Oscar II Land (Svalbard)

Point 5 – WALDEMARBREEN 78° 40' 30" N 11° 59' 28" E

Point 5a – Ireneusz Sobota – Mass balance monitoring of Kaffiøyra glaciers

Point 5b – Ireneusz Sobota – Summer balance of Waldemarbreen

Point 5c – Ireneusz Sobota, Marek Grześ – Snow accumulation of Kaffiøyra glaciers

Point 6 – ICE DRILLING 78° 40' 31" N 12° 01' 50" E

Erich Heucke, Ireneusz Sobota – The sample ice drilling on Waldemarbreen with Heucke Ice Drill – the demonstration

Point 7 – AAVATSMARKBREEN 78° 41' 07" N 11° 53' 39" E

Marek Grześ, Michał Król, Ireneusz Sobota – Subaqual recordings of the changes in the range of glaciers in the Forlandsundet region (NW Spitsbergen)

Point 8 – GØRNE LAKE 78° 40' 42" N 11° 50' 19" E

Ireneusz Sobota – Selected problems of changes in morphometry, bathymetry and thermal conditions in the lake complex at the forefield of Aavatsmarkbreen

Point 9 – NICOLAUS COPERNICUS POLAR STATION 78° 40' 33" N 11° 49' 36" E

Marek Grześ, Ireneusz Sobota – www.stacja.arktyka.com

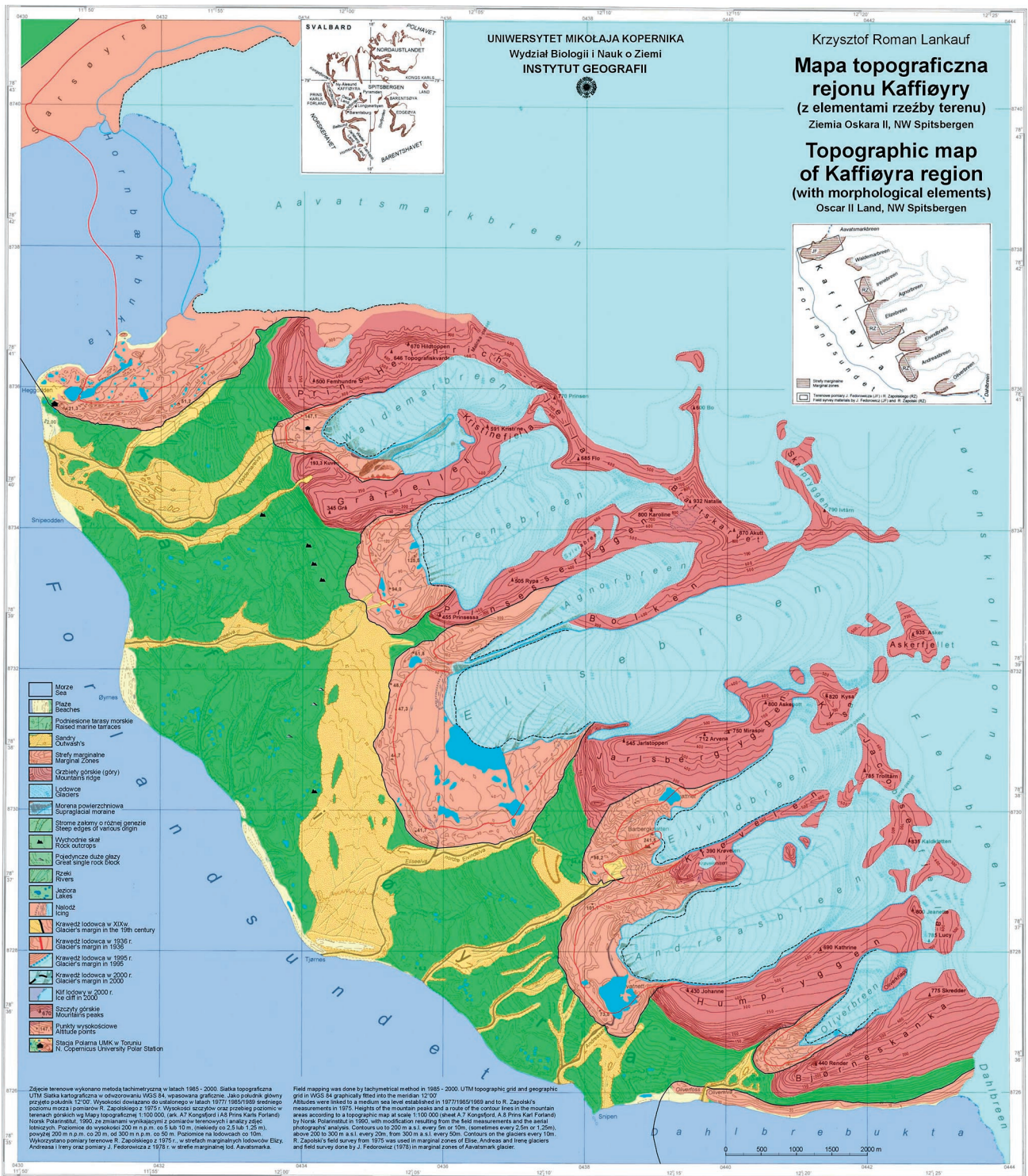


Fig. 1. Map of Kaffiøyra – K.R. Lankauf

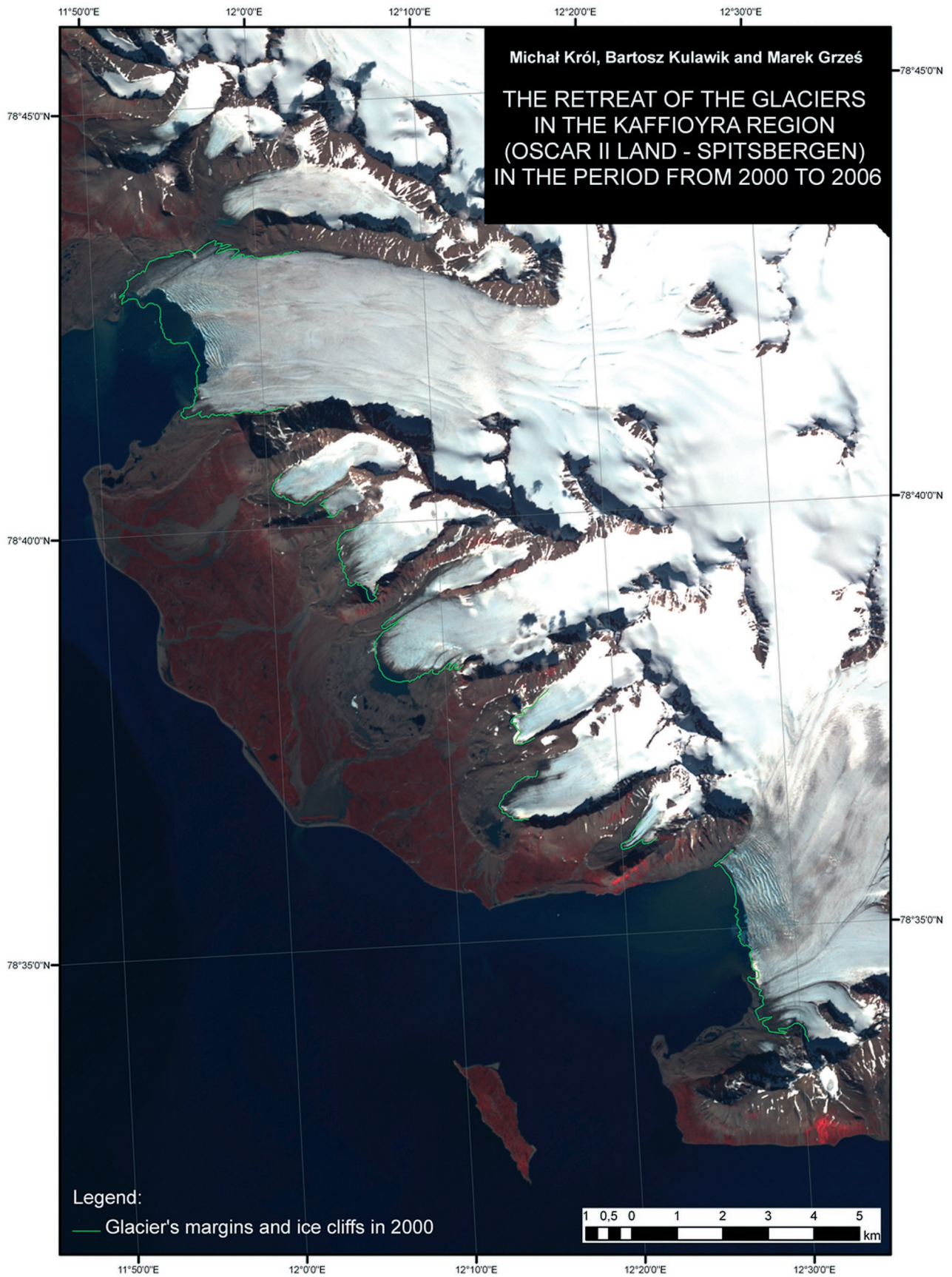


Fig. 2. The retreat of the glaciers in the Kaffiøyra region (Oscar II Land – Spitsbergen) in the period from 2000 to 2006 – M. Król, B. Kulawik and M. Grześ