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Room:303

Time:May 25 11:00-11:15

Reconstruction of past environment by an ice core drilled from Grigoriev ice cap in Kyrgyz Tianshan, Central Asia

Nozomu Takeuchi^{1*}, Koji Fujita², Shuntarou Sera¹, Sachiko Okamoto², Kazuhiro Naoki³, Vladimir Aizen⁴

¹Chiba University, ²Nagoya University, ³JAXA, ⁴University of Idaho

In 2007, ice cores were successfully drilled on Grigoriev Ice Cap located in the Tien Shan Mountains, Kyrgyzstan. The elevation of the drilling site was 4600 m a.s.l. and entire core length was 87 m. We present stable isotope, mass balance, dust concentration, and pollen concentration in the last 200 years of the ice core.

Keywords: ice core, climate change, central asia, stable isotope, pollen