

Response of permafrost to climatic change

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Related International Research Project

JAMP (Japan Arctic Monitoring and Process study)
CAMP (Climate of the Arctic: Modeling and Process)

Description of the Program

In Alaska, transected lines, running in the east-west and north-south directions will be established, and continuous observations of the permafrost structure and its response to global warming in this undisturbed area will be made. The emission of the greenhouse gases from the permafrost surface will be also monitored. Observational sites will be established at Fairbanks in the discontinuous permafrost area and Barrow in the continuous area.