

Factors of variation of glacier equilibrium line in mountainous area of Eastern Siberia

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Around Suntar-Khayata region in eastern Siberia, about 180 glaciers distributed in mountainous area. In this area, temperature change by global warming is large and the glaciers are good index of global warming. Factors of glacier formation (temperature, precipitation, solar radiation, wind-speed/direction, drifting snow and so on) were examined for the response on glacier equilibrium line altitude (ELA).

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