



Project acronym: PeatHOT

Project title: Siberian peatlands as an archives of climate warming and long-term carbon dynamics

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Discipline: Earth Sciences & Environment: Other - Earth Sciences

Station(s): Mukhrino Field Station - Nymto Park (Russia), Khanymei Research Station (Russia)

Peatlands in Western Siberia are pristine and sensitive to climate changes. They are a perfect place to study and test our hypotheses about the disappearance of permafrost and the relationship between climate variability, continentality, drought and fires in the Western Siberia during the last millennium. Wetlands located in West Siberia are the largest carbon dioxide storage in the world in addition Mukhrino Field Station - Nymto Park and Khanymei Research Station, where we can examine our hypothesis.