

MS internship opportunity

Contact person at NORCE: Hanna Lee/Inge Althuizen

General topic: Terrestrial biogeochemistry

Subtopic: Permafrost carbon-climate feedback

Description: We are looking for a MS internship student to work together on a project focused on understanding how permafrost thawing affects greenhouse gas emissions in northern Norway.

Involves fieldwork: Summer fieldwork in Finnmark, Norway.

Involves lab work: Possible gas analysis.

Involves modeling work: None.

Requirements: Should be able to travel to Finnmark to conduct fieldwork (internship period must include summer field season), experience in field measurements of greenhouse gases, some knowledge in Arctic vegetation. A driver's license and travel insurance.

What we offer: supervision, gas analysis training, travel support for fieldwork.

Contact person at NORCE: Hanna Lee/Inge Althuizen

General topic: Terrestrial biogeochemistry/soil physics

Subtopic: The role of oxygen on CH₄ production and oxidation where permafrost is thawing

Description: We are looking for a MS internship student to work together on a project focused on understanding how permafrost thawing affects greenhouse gas emissions in northern Norway. Particularly, the student will focus on understanding the mechanisms of how dissolved O₂ affects CH₄ production and oxidation in soils

Involves fieldwork: Summer fieldwork in Finnmark, Norway.

Involves lab work: Possible gas analysis.

Involves modeling work: None.

Requirements: Should be able to travel to Finnmark to conduct fieldwork (internship period must include summer field season), experience in field measurements of greenhouse gases, some knowledge in Arctic vegetation. A driver's license and travel insurance.

What we offer: supervision, gas analysis training, travel support for fieldwork.

Contact person at NORCE: Hanna Lee/Inge Althuizen

General topic: Terrestrial biogeochemistry

Subtopic: The role of CH₄ ebullition (bubbles) in greenhouse gas emissions in permafrost thaw ponds

Description: We are looking for a MS internship student to work together on a project focused on understanding how permafrost thawing affects greenhouse gas emissions in northern Norway.

Particularly, the student will focus on quantifying CH₄ ebullition in thaw ponds using bubble traps

Involves fieldwork: Summer fieldwork in Finnmark, Norway.

Involves lab work: Possible gas analysis.

Involves modeling work: None.

Requirements: Should be able to travel to Finnmark to conduct fieldwork (internship period must include summer field season), experience in field measurements of greenhouse gases, some knowledge in Arctic vegetation. A driver's license and travel insurance.

What we offer: supervision, gas analysis training, travel support for fieldwork.

Contact person at NORCE: Hanna Lee/Inge Althuizen

General topic: Plant ecology

Subtopic: The effect of warming on tundra vegetation and plant functional traits

Description: We are looking for a MS internship student to work on determining how warming effect tundra vegetation. Particularly, the student will look into changes in vegetation composition and measure plant functional traits, such as plant height, leaf area, leaf dry weight, leaf thickness.

Involves fieldwork: Summer fieldwork in Finnmark, Norway.

Involves lab work: Trait measurements.

Involves modeling work: None.

Requirements: Should be able to travel to Finnmark to conduct fieldwork (internship period must include summer field season), knowledge in Arctic vegetation is needed. A driver's license and travel insurance.

What we offer: supervision, gas analysis training, travel support for fieldwork.

Contact person at NORCE: Hanna Lee

General topic: Geography

Subtopic: Permafrost thaw associated risks in Arctic society

Description: We are looking for a MS internship student to investigate how permafrost thawing can affect Arctic society and human infrastructure.

Involves fieldwork: None

Involves lab work: None

Involves modeling work: Looking into climate model simulations.

Requirements: GIS, data search, programming (python, matlab, Fortran).

What we offer: supervision

Contact person at NORCE: Priscilla Mooney

General topic: Geography

Subtopic: Land Use and/or Land Cover Change (LULCC) and climate change

Description: We are looking for a MS internship student to investigate how LULCC-related policies e.g. biofuel, afforestation, can impact regional climate.

Involves fieldwork: None

Involves lab work: None

Involves modeling work: Looking into climate model simulations.

Requirements: data search, programming (python, matlab, Fortran).

What we offer: supervision

Contact person at NORCE: Priscilla Mooney

General topic: Geography

Subtopic: Land Use and/or Land Cover Change (LULCC) and climate change

Description: We are looking for a MS internship student to investigate impacts of climate change on current LULCC-related policies e.g. biofuel/afforestation policies.

Involves fieldwork: None

Involves lab work: None

Involves modeling work: Looking into climate model simulations.

Requirements: data search, programming (python, matlab, Fortran).

What we offer: supervision