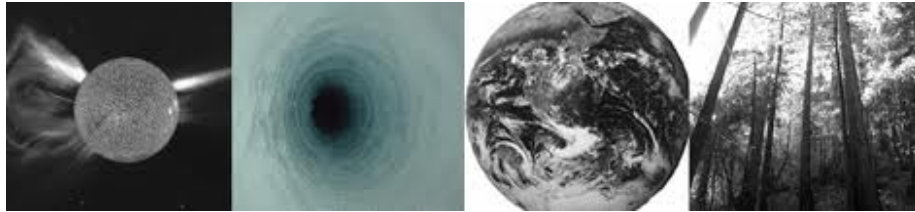


Environmental Sciences and **7 F 9 5 H 9** Seminar Series



Carbon Balance in a Warming Tundra

Elizabeth Webb

Masters Student, University of Florida

Permafrost soils contain twice as much carbon as the atmosphere. As the climate warms and the permafrost thaws, this carbon is vulnerable to decomposition and may be released to the atmosphere as CO₂ or CH₄, creating a positive feedback to climate change. CiPEHR (Carbon in Permafrost Experimental Heating Research) is an ecosystem warming experiment on the tundra in Healy, Alaska. Elizabeth will discuss the results of the CiPEHR project and her research therein.

All are welcome.

Thursday, **February 7, 2013**

12:15 -1:05 pm

Physical Sciences Centre 2045



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