



EINLADUNG

zum

VERA - SEMINAR

von

Susan Trumbore

Max Planck Institute for Biogeochemistry, Jena

**Timescales for carbon cycling in terrestrial
ecosystems - what have we learned from
AMS Radiocarbon measurements?**

Radiocarbon can be used to study carbon dynamics in terrestrial ecosystems on timescales ranging from years to decades (for 'bomb' ^{14}C) to millennia (for cosmogenic ^{14}C). This talk will provide examples of recent advances in understanding sources and stabilization mechanisms for soil organic matter, as well as controls on the age of CO_2 respired from ecosystems. I will focus on results from Amazonia, including the implications for a global carbon sink in intact tropical forests.

Donnerstag, 27. Juni 2013, 16:30 Uhr

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",
1. Stock, Victor-Franz-Hess Hörsaal**