The workshop will include presentations by invited speakers, OSU faculty members and students, and a poster session. The agenda is currently under development, but so far speakers include:

**Brandon Briggs**, Ph.D. student, Marine Geology and Geophysics, College of Oceanic and Atmospheric Sciences.
*Subseafloor Macroscopic Biofilms Involved in Anaerobic Oxidation of Methane*

**Richard Cooley**, PhD student, Biochemistry and Biophysics, OSU
*Alkane metabolism in natural gas: Ignoring the obvious to focus on the obscure*

**Karmen Fore**, District Director, Congressman Peter DeFazio, Eugene, Oregon.
*Update on science funding*

**Roy Haggerty**, Professor of Geosciences, OSU.
*Resazurin as a ‘smart’ tracer for quantifying metabolic activity in the subsurface: Development as a stream tracer*

**Kate Lajtha**, Professor, Botany and Plant Pathology, OSU.
*Littering in the forest, playing with DIRT: detrital manipulations to study soil organic matter dynamics*

**Nizar Mustufa**, PhD student, Environmental Engineering, OSU.
*Thermodynamic constraints on anaerobic reactions influencing the reductive dechlorination of CAHs in continuous flow systems*

**Julie Pett-Ridge**, Assistant Professor, Crop and Soil Science, Oregon State University (July 2009); presently NERC Research Fellow, Department of Earth Sciences, University of Oxford.
*Impacts of eolian dust deposition on terrestrial nutrient cycling*

**Rich Phillips**, Assistant Professor, Indiana University. His research emphasis is on ecosystem ecology and biogeochemistry: consequences of human-accelerated environmental change on plant-soil-microbial interactions and carbon and nutrient dynamics.
*Root effects on carbon and nutrient cycling in forests exposed to elevated CO2: In need of a new paradigm?*
Popa, Radu, Associate Professor, Biology, PSU
Microbial abundance and diversity in the volcanic sea floor of the Juan de Fuca Ridge

Gaurav Saini, PhD student, Environmental Engineering, OSU.
Role of heterogeneity in biopolymer length and distribution on bacterial adhesion

Ellen Swogger, PhD student, Environmental Engineering, OSU.
Nitrosomonas europaea biofilms exposed to phenol and toluene

Anne Taylor, Post-doc Research Associate, Crop and Soil Science, OSU.

Brad Tebo, Professor and Division Head, Division of Environmental and Biomolecular Systems, Oregon Health and Science University; Affiliate Scientist, Center for Coastal Margin Observation and Prediction.

Posters

Azizian, Mohammad
Comparison of lactate, formate, and propionate as hydrogen donors for the reductive dehalogenation of Trichloroethene in a continuous-flow column

Berggren, Dusty
Kinetic comparisons of hemostat-grown dechlorinating cultures

Dynamics of microbial communities associated with ectomycorrhizal mats

Radniecki, Tyler, Caslin Gilroy, Lewis Semprini
Linking NE1545 expression with cell size changes in Nitrosomonas cells exposed to aromatic hydrocarbons

Sean Sandborgh
Development and fitting of a model for inhibition of Nitrosomonas europaea by cadmium

Schaerer, Morgan
TBA

Zeglin, Lydia, Anne Taylor, David Myrold, Peter Bottomley
Distribution and activity of ammonia-oxidizing archaea and bacteria in high and low nitrogen soils across an upland to lowland gradient

Organic nitrogen cycling in mycorrhizal and non- mycorrhizal organic soils in an old-growth Douglas-fir forest