NERI Seminar Series, Roskilde 12. August 2003 – 14:00 NERI Pavilion

Joel G. Burken,
Associate Professor, Department of Civil,
Architectural & Environmental Engineering,
University of Missouri-Rolla, U.S.A.

Host: Ulrich Karlson, uka@dmu.dk, 4630 1387

Phytoremediation of Chlorinated Solvents

Native and Engineered Systems

The seminar will introduce native water-soil-plant systems and how they impact polluted soils and groundwater, followed by in-depth description of systems that are genetically engineered using recombinant root-colonizing bacteria to change how the plants and compounds interact.

Most of the presented results will relate to the use of hybrid poplars for remediating chlorinated ethenes and – to a minor extent – other organic compounds.





