



INVITATION TO LECTURE

Dr. Jeffrey D. Herrick

**Air pollution effects on ecosystems:
Science informing U.S. EPA ecological risk and policy assessments**

Date: 14. 11. 2017, 9:00

Venue: lecture room RCX1 (A29/252), 2nd floor, RECETOX, Kamenice 5, Brno

Dr. Herrick is an Ecologist with the U.S. Environmental Protection Agency (EPA) in Research Triangle Park, NC. He received his Ph.D. in Environmental Plant Biology from West Virginia University and conducted his dissertation research on the effects of elevated carbon dioxide on forests. Since joining the EPA in 2002, Dr. Herrick has primarily worked on scientific support and policy-making for the ecological aspects of the U.S. National Ambient Air Quality Standards (NAAQS). His current work focuses on the effect of air pollutants on vegetation and ecosystems, with a particular emphasis on direct effects of gaseous pollutants such as ozone, sulfur dioxide and nitrogen oxides. Dr. Herrick's work also includes characterizing the effects of atmospheric nitrogen deposition and acidifying deposition on terrestrial ecosystems.

Dr. Herrick's presentation will cover his work on assessing and integrating ecological science for the NAAQS program. He will also discuss some of the procedures and tools used at EPA for various types ecological risk assessment. He will be available to answer questions about potential resources and collaborators at US EPA.