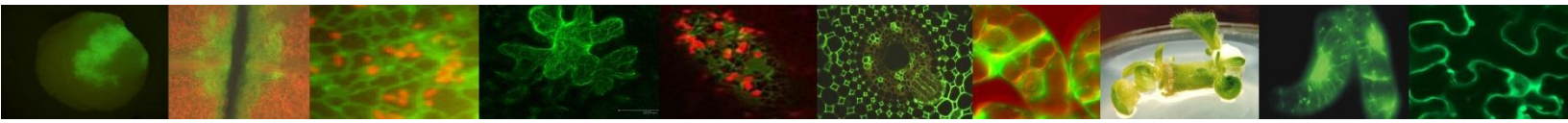

Faculty of Science, Charles University
Department of Experimental Plant Biology

Invites you to a lecture of

Dr. Jeff Herrick

U.S. Environmental Protection Agency (EPA)

Air pollution effects on forest ecosystems: Science informing U.S. air quality policies

on 31st October, 13:30 p.m., in the seminar room KFR (room No. 213), Viničná 5, Prague 2,

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 worked on measurements of volatile organic compounds from vegetation and estimates of ammonia flux from corn fields. 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 is an EPA resource for the translation of science into informed policy-making.

Current Projects:
-Lead scientist on the effects of ozone on vegetation an ecosystems for the Integrated Science Assessment as part of the review of the U.S. National Ambient Air Quality Standards (NAAQS).
-Contributing scientist to the NOx-SOx-PM Integrated Science Assessment for the review of the NAAQS for combined effects of oxides of nitrogen and sulfur.
-Scientific support for the development of risk, exposure and policy assessments for the U.S. ozone NAAQS review.
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