



Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy. Each seminar is held at NREL's Washington office with a videoconference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Energy Analysis Seminar Series

A "brown bag" analytical seminar series

Climate Instability and Public Health

Paul R. Epstein, Associate Director

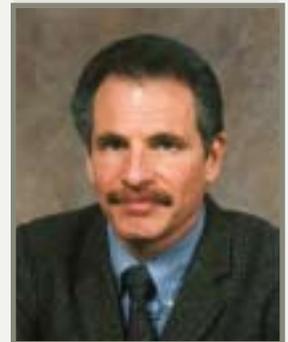
Center for Health and the Global Environment,
Harvard Medical School

Thursday, January 13, 2005

Noon – 1 p.m. (in Washington, D.C.)

10 – 11 a.m. (videoconference in Golden, Colo.)

Biological responses to warming—and the accompanying weather extremes—can result in economic consequences. Dr. Paul Epstein, of Harvard Medical School, has examined how climate restricts the range of infectious diseases, while weather affects the timing and intensity of outbreaks. Emerging diseases have become an additional force of global change and pose new threats to resources, habitat, and "ecological services"—including clean water, clean air, and nourishment. Epstein contends that we may have underestimated the benefits of the clean energy transition. During this seminar, he will discuss how—given the proper incentives—energy efficiency, hybrid and smart technologies, distributed generation through various renewable sources, "green buildings," ecological reconstruction, and other efforts can be the engine of growth for the 21st century. He will show how such an investment would help stabilize the climate, have multiple public health benefits (pump and purify water, irrigate land, and power small businesses), all helping to ensure a healthier, more equitable, and sustainable form of development.



Paul R. Epstein

Paul R. Epstein, M.D., M.P.H., is associate director of the Center for Health and the Global Environment at Harvard Medical School and is a medical doctor trained in tropical public health. Epstein has worked in medical, teaching, and research capacities in Africa, Asia, and Latin America. Epstein has worked with the Intergovernmental Panel on Climate Change (IPCC), the National Academy of Sciences, the National Oceanic and Atmospheric Administration (NOAA) and the National Aeronautics and Space Administration (NASA) to assess the health impacts of climate change and develop health applications of climate forecasting and remote sensing. He is currently coordinating an international project Climate Change Futures: Health, Ecological and Economic Dimensions, with the Swiss Reinsurance Company and the United Nations Development Programme.

Golden, Colo., information

1617 Cole Blvd., Golden, Colorado
Building 15, Conference Room 375

Please contact Lynne Fenn at lynne_fenn@nrel.gov or 303-384-7439

Washington, D.C., information

901 D Street SW (also the Aerospace Building, 370 L'Enfant Promenade), adjacent to the Forrestal Building

Please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278

If you are interested in participating in the seminar via conference call, please contact Wanda Addison at wanda_addison@nrel.gov or 202-646-5278 for instructions.

