



Rachel Carson

DISTINGUISHED LECTURE

Changing Dynamics of Tropical Deforestation and Atmospheric Carbon Emissions



Ruth DeFries

Dr. Ruth DeFries is a member of the US National Academy of Sciences, a fellow of the American Association for the Advancement of Science, a recipient of the MacArthur Foundation prize, and a fellow of the Aldo Leopold Leadership Program. Dr. DeFries is currently a Professor of Geography and Earth System Science Interdisciplinary Center at the University of Maryland. She holds a PhD from Johns Hopkins University and BA *summa cum laude* from Washington University.

Dr. DeFries' research investigates the relationships among human transformation of the land surface and the biogeochemical and ecological processes that regulate the Earth's habitability. The research uses satellite imagery as a lens to examine changes in the land surface over large areas. The overall thrust of the research is to develop underlying science for balancing the needs of human society to transform the landscape for food production, settlements and other requirements while maintaining long-term habitability of the planet.

Tuesday, March 18, 2008 at 3:00 pm
(Reception to follow)

Red Cedar Room
Kellogg Hotel & Conference Center

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