

Message from Jeff Sachs



Real Video (4:50)

Quicktime Video (4:50)

Earth Institute Director Jeff Sachs speaks about new leadership plans for the Earth Institute, with a growing focus on integrating earth sciences, biology, social sciences, and engineering activities; and increasing Earth Institute leadership's commitment to integrating the sciences and the scientists with public policy.

Columbia President Lee Bollinger, Mailman School of Public Health Dean Allan Rosenfield, and EI Director Jeffrey Sachs Visit South Asia

Real Video (7:05)

Quicktime Video (7:05)

The highlights of a trip by Jeffrey Sachs, President Lee Bollinger, and Dean Allan Rosenfield of the Mailman School of Public Health to India and Bangladesh are recapped by Sachs in this 7-minute video, where he discusses meetings with Prime Ministers, and touches on many Earth Institute projects including launching India's Commission on Macroeconomics and Health and, with the help of scientists from Lamont Doherty Earth Observatory, mitigating arsenic poisoning in Bangladesh. Sachs also recounts his trip to Sri Lanka, a region currently developing a peace process after two generations of civil war.

For Faculty: Reserve Your Rights to Publish Online

The Director of Electronic Publishing and Columbia's General Counsel developed language to enable faculty to secure rights to publish their journal articles on the The Earth Institute web site. Currently, most journals allow the Earth Institute to link to them, but those links often

In the News

The New York Times, January 16, 2002:

Won-Young Kim of the Lamont-Doherty Earth Observatory was interviewed for a story following recent earthquakes felt in Westchester County New York: [more](#)

Independent News, United Kingdom, January 13, 2003:

An article on global warming and the affects of soot quotes Dr. Surabi Menon, The Goddard Institute for Space Studies at the Earth Institute, on her recent study showing that black carbon is a cause of floods and drought in China: [more](#)

India Press (January 2003):

India Launches Commission on Macroeconomics and Health (CMH)

Based on a report issued in 2001 by the World Health Organization's (WHO) Commission on Macroeconomics and Health (chaired by Jeffrey Sachs), the government of India is officially forming a special Indian Commission on Macroeconomics and Health to target health sector priorities that can spur economic development: [more](#)

Newsweek, January 6, 2003:

Jeffrey Sachs: Forcing the World To Sit Up and Listen

Newsweek profiles Jeffrey Sachs as one of their "Who's Next 2003," an editor's list of people helping to shape the world: [more](#)

Scientific American, January, 2003:

Science to Save the World

A reporter follows Jeffrey Sachs to meetings at the UN and reports on his work to advise countries on sustainable development. [more](#)

The New York Times, December 18, 2002:

A "Metro Section" feature on the discovery of shipwrecks in the Hudson River highlighted Robin Bell of the Lamont-Doherty Earth Observatory and the research that went into mapping the River bottom. The mapping techniques have revealed "every single ship that ever foundered in the river over the last 400 years or more": [more](#)

Events

The Center for the Study of Science and Religion (CSSR) 2003 Seminar Series: Addressing topics of science and religion

The 2003 series will begin on Tuesday, January 28th with 'Destructive Emotions': Neuroscience, Psychology and Buddhism, with Professors Robert Thurman, Richard Davidson, and Daniel Goleman. Davis Auditorium, Schapiro Center (120th St between Broadway & Amsterdam) 5:30pm. Free. Refreshments will be served. [more info](#)

Lesson from the Past in Global Climate Change By Wallace Broecker, Newberry Professor of Earth and Environmental Sciences

Monday February 3, 8pm at Miller Theater
Free with Columbia University ID

A debate rages regarding the consequences of the ongoing buildup of carbon dioxide in our atmosphere. Model simulations suggest that, at least for the planet's wildlife, these changes will be quite severe. MIT's Richard Lindzen, in contrast, receives enormous press attention for his contention that climate changes will be trivial. Broecker takes a third route and points to the climate record stored in Antarctic ice and sea floor sediments. To him the planetary evidence sends a clear message: the earth system responds strongly and often abruptly to nudges. This lecture will explore implications for global change in the future.

NSF Releases 10-Year Outlook for Environmental Research and Education

The National Science Foundation (NSF) released a "10-year outlook" for its Environmental Research and Education portfolio on January 8, 2003. Among the report's findings is that NSF's environmental programs need to be expanded in the social sciences, cyber-infrastructure, observing systems, and education. [go to article](#)



grow cold within a few months. This language would allow the Earth Institute to republish the article. For more information, contact Ravi Rajakumar, webmaster, at ravi@ldeo.columbia.edu.

On the Web



Earth Institute center CUBES (Columbia University/UNESCO Joint Program on Biosphere and Society) recently brought together Maasai herders and cattle ranchers from Arizona and New Mexico to exchange information on traditional ranching in the Maasailand of Kenya and the borderlands in the US. CUBES is supporting their efforts to protect their rangelands and way of life.

Lamont-Doherty's Gerard Bond Wins Maurice Ewing Medal

Dr. Gerard Bond, Doherty Senior Scholar at the Lamont-Doherty Earth Observatory, has been chosen to receive the Maurice Ewing Medal, awarded by the American Geophysical Union for significant original contributions to geophysical ocean research, engineering/instrumentation, and/or service to marine sciences. The medal will be presented during the annual awards ceremony at the fall meeting of the American Geophysical Union in December 2003. [more](#)

Comments and Suggestions

Contact our [editor](#)

Past issues



Four kilometers above the hidden Lake Vostok, it takes two to determine which direction is north; here Lamont-Doherty researcher Michael Studinger photographed his colleague carrying global positioning system instruments and a marker flag. New evidence by Studinger and colleagues shows the subglacial Antarctic lake was formed by tectonic activity. [more](#)

Earth Institute Responds to Climate Change Strategic Plan

In early December more than 1500 people gathered in Washington, DC to review the discussion draft of the United States Climate Change Science Program's (USCCSP) comprehensive Strategic Plan in detail. USCCSP has combined the efforts of the US Global Change Research Program (USGCRP) and the Climate Change Research Initiative (CCRI), at the request of President George W. Bush, to produce this new document, which emphasizes the development of short-term (2 - 5 years) products to support climate change policy and resource management decision-making.

The Earth Institute submitted written comments on select chapters of the 170 page document from a collection of Earth Institute experts under a cover letter from director Jeffrey Sachs. The group of experts present at the conference on behalf of the Earth Institute and Columbia University was larger than that of any other academic institution.

To download the USCCSP Strategic Plan as a PDF, [click here](#). Contact Ryan Meyer (rm2141@columbia.edu) for more information about the Earth Institute's written response. Information about the conference can be found at <http://www.climatescience.gov>.

Dr. Stephanie Pfirman (left), professor and chair of Environmental Science at Barnard College and outgoing chair of the NSF Advisory Committee on Environmental Research and Education, presents the Committee's 10-year outlook report to Dr. Margaret Leinen, NSF Assistant Director for Geosciences and Coordinator for Environmental Research and Education.

Earth Fellows Program Attracts Record Number of Applicants

Under the leadership of Jeffrey Sachs, the Earth Institute Fellows Program has attracted seven times as many applicants this year as compared to last year.

"While in past years the Fellows Program attracted dozens of applicants, this year we received well over 250 applications from scientists all over the world, spanning the range of the physical, biological, and social sciences, with applicants from virtually every top national and international educational institution of higher learning devoted to sustainable development," said Elke Weber, co-chair of the Earth Fellows selection committee. [more](#)

Spring Research Assistants Applications Due February 1st

Students interested in getting first-hand research experience with Columbia University faculty and researchers can now submit applications for the Spring Earth Institute Research Assistants Program. This semester, 12 projects have been selected to receive support through the program. Students can apply to work on one of these projects and will be paid \$15 per hour for up to ten hours per week for 12 weeks. [more](#)