

**Message from Jeff Sachs**

Real Video (8:10) 

Quicktime Video (8:10) 

The causes and costs of extreme poverty were discussed by Jeff Sachs and colleagues in a recent paper published by the Brookings Institute. In his e-newsletter video, Jeff stresses the need to use the results of this paper to inform ways to help Africa out of its poverty trap. [download Brookings paper](#)

Also in this video, Jeff goes into detail about the Global Roundtable on Climate Change, a new Earth Institute initiative that will bring together high-level stakeholders from around the world to form a consensus on key climate change issues within three years. This initiative is supported by a generous grant from the Lenfest Foundation.



### Less Than 0.7 Percent of Rich-country GNP Could Spring Africa from Poverty Trap

*Brookings report discusses cause of African poverty and calculates costs to address it*

The United States and other rich countries have not delivered the promised foreign aid necessary to help

**In the News**

#### **The Columbia Spectator, October 1, 2004**

This fall, the Earth Institute is supporting two new graduate programs: a Masters of Arts in Climate and Society, developed primarily by the International Research Institute for Climate Prediction, and a Ph.D. in Sustainable Development, which will be the first doctoral degree granted by the School of International and Public Affairs.

#### **The Discovery Channel, September 27, 2004**

Edward Cook, a paleoclimatologist from the Lamont-Doherty Earth Observatory, was quoted in this article on research that Lewis and Clark's expedition succeeded in part through favorable climate conditions.

#### **Medical News Today, September 21, 2004**

The work of Awash Teklehaimonot, a health expert at the Earth Institute, supports the accelerated expansion of the health system in Ethiopia.

#### **The Columbia Spectator, September 21, 2004**

As the opening speaker of the World Leaders Forum, President Joaquim Alberto Chissano of Mozambique discussed his own government's efforts to end poverty and called on the international community to help end injustice.

#### **NPR (audio), September 21, 2004**

Director Jeffrey Sachs comments on President George W. Bush's lack of funding for economic development around the world despite the Bush Administration's promises.

#### **The Daily Times, September 14, 2004**

Jeffrey Sachs, director of the Earth Institute, writes on how India's new government is addressing rural poverty with bold development plans.

[more recently in the media](#)

### Students From Five Continents Begin Ph.D. in Sustainable Development Program

Many of the most important policy challenges facing the planet require a central focus on sustainability and development. Columbia University's new Ph.D. in Sustainable Development program began this fall with six students from five continents and backgrounds in economics, environmental studies, chemistry and international development. [more](#)



### Earth Institute Receives \$4.2 Million Grant to Break Down Barriers and Increase the Ranks of Women in Earth Sciences and Engineering

The National Science Foundation (NSF) has awarded the Earth Institute at Columbia University a five-year \$4.2 million ADVANCE Program grant to test methods to help women overcome barriers to advancing their careers in Earth sciences and engineering. [more](#)



From left to right: E.I. Director Jeffrey Sachs, H.E. Joaquim Alberto Chissano, President of Mozambique, and Columbia University Provost Alan Brinkley

### Sachs and President of Mozambique Discuss Democratization, Public Health

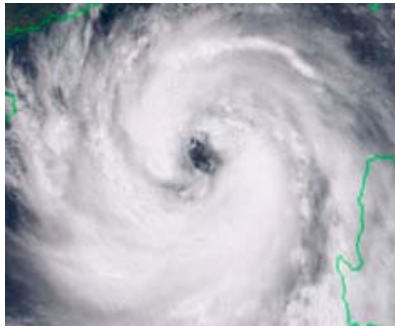
During the World Leaders Forum, which brought leaders from around the world to Columbia University, E.I. Director Jeffrey Sachs, Provost Alan Brinkley, Mailman School Dean Allan Rosenfield and others met with Joaquim Alberto Chissano, President of Mozambique.

many African countries escape grinding poverty, according to the Brookings Papers on Economic Activity (August 2004.) The authors calculate the necessary amount to be less than 0.7 percent of the rich world's GNP. [more](#)

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### Mixer Builds Support and Cooperation Among Student Organizations and EI

Over 30 leaders representing active student groups from across Columbia's campus attended the second meeting of the Student Leader Mixer on Monday, September 20th, sponsored by the Earth Institute. The students represented a diversity of groups, including Towards Reconciliation, Columbia AIDS Action Network, Amnesty International, African Affairs Network, Global Justice, Students for Environmental and Economic Justice and College Democrats. [more](#)



### Modeling Storms Scientist uses IRI Forecast Division to develop hurricane probabilities

The birth of a hurricane requires the right combination of ocean water temperature, and wind patterns at the surface and in the upper atmosphere. Suzana Camargo, a research scientist at the International Research Institute for Climate Prediction (IRI) uses atmospheric data to create experimental hurricane forecasts that can be used to identify year-to-year variations, and ultimately develop tools to predict seasonal hurricane landfall probabilities. [more](#)



### Through Ants and Plants, CU Undergrads Explore the Frontiers of Science

For the first time in the history of the University, undergrads are being taught a core curriculum science class. For part of the class, 550 undergrads will fan out into Manhattan green areas to collect data about urban biodiversity that has never been collected before. [more](#)

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### New Ship Promises to Unveil Secrets of Our Planet

The Lamont-Doherty Earth Observatory has purchased a new research vessel to replace the Lamont-operated R/V Maurice Ewing, which has accumulated well over half a million miles of track in its service to science and exploration of ocean and deep Earth processes. Following a year-long outfitting with modern laboratories and scientific equipment, she will become the most capable academic research vessel utilizing acoustic and seismic technologies in the world. [more](#)

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### Comments and Suggestions

Contact our [editor](#)

### Past issues

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They spoke about public health in Mozambique, as well as Chissano's important contributions to democratization on the African continent while he chaired the African Union. Sachs first met Chissano in Addis Ababa, Ethiopia, in July at the African Union Summit.

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### Special Events at the Earth Institute

**Exploring an Icy Frontier Beneath Two Miles of Ice: Lake Vostok. Speaker: Robin Bell** Monday, October 4, 6:30 p.m. to 8:00 p.m., the Explorer's Club, 46 East 70th Street (between Park and Madison Avenues). [more](#)

**Alaska: Barren Wasteland or Safe Haven of Biodiversity? Speaker: Subhankar Banerjee** Wednesday, October 6, 7:00 p.m. to 9:00 p.m., Low Memorial Library, Columbia University Morningside Campus. [more](#)

**CCI Seminar Series: Is Sustainable Development Feasible? Speaker: Joel Cohen, Laboratory of Populations** Wednesday, October 7, 4:00 p.m. to 5:30 p.m., Alfred Lerner Hall, Room 477, Columbia University Morningside Campus. [more](#)

**Restless Earth: LDEO Open House** Saturday, October 9, 10:00 a.m. to 4:00 p.m., The Lamont-Doherty Earth Observatory's grounds will be open to thousands of visitors as researchers present their studies." [more](#)

**Critical Lectures in American Foreign Policy: Rashid Khalidi** Monday, October 18, from 6:00 p.m. to 7:30 p.m., the Journalism Building Lecture Room, Columbia University Morningside Campus [more](#)

**Jeffrey Sachs, "The Politics of Climate Change" -- Student Lecture, Welcome Party** Tuesday, October 19, 5:00 p.m. to 8:00 p.m., Alfred Lerner Hall, Roone Arledge Cinema (2nd floor), Columbia University [more](#)

**Origins: 14 Billion Years of Cosmic Evolution.: Neil deGrasse Tyson** October 27, 6:00 pm to 7:30 p.m., Schapiro Center, Davis Auditorium, Columbia University Morningside Campus [more](#)

**Open House for Educational Programs Affiliated with the Earth Institute** October 28, 4:00 p.m. to 7:00 p.m., Faculty Room of Low Library, Columbia University Morningside Heights [more](#)

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