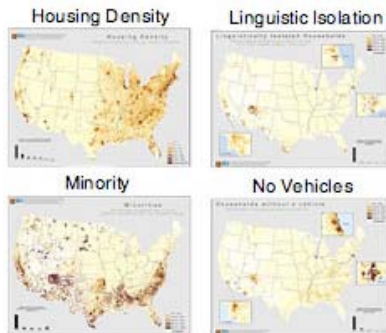


Message from Jeff Sachs

[watch video \(8:42\)](#)

In this video, Jeffrey D. Sachs, director of the Earth Institute, talks about the fourth Global Roundtable on Climate Change conference, which brings together more than 150 high-level, critical stakeholders from all regions of the world — including senior executives from the private sector and leaders of international governmental and non-governmental organizations — to discuss and explore areas of potential consensus regarding core scientific, technological, and economic issues critical to shaping sound public policies on climate change.

**Mapping Socioeconomic Data Reveals Trends**

Maps of U.S. Census data reveal trends in 35 categories such as housing density, linguistically isolated households, motor vehicle use, and education level. [more](#)

New Project Web Site Seeks to Document All Hurricane Katrina Deaths

A new Earth Institute project Web site is assembling a comprehensive list of all those who died directly and indirectly from the effects of Hurricane Katrina and its

Experts In the News**Farmers May Get Help in Adapting to Global Warming**

The San Jose Mercury News, December 6, 2006

Tackling Hunger at its Roots in Rural Rwanda

The Financial Times, December 5, 2006

Why Hayek Was Wrong: Sachs Responds to Easterly

The Wall Street Journal, November 27, 2006

Study Shows Green Roofs Can Help Cool Cities

Earth&Sky Radio, November 28, 2006

Deep-sea Eruption Detected

MSNBC, November 27, 2006

Fiber Optic Networks to Rwanda's Rescue by Josh Ruxin

The San Francisco Chronicle, November 19, 2006

World Has Under Decade to Act on Climate Crisis

Reuters, November 21, 2006

Jeffrey D. Sachs and E.O. Wilson — Will Science Save Creation?

The Brian Lehrer Show (WNYC), November 15, 2006

The Challenge of Sustainable Water

by Jeffrey D. Sachs

Scientific American, December 2006

Toward a Comprehensive Death Count

The Sun Herald (Mississippi), November 18, 2006

Ancient Crash, Epic Wave

The New York Times, November 14, 2006

Rustlike Crystals Found to Cleanse Water of Arsenic Cheaply

The New York Times, November 10, 2006

How to Keep New York Afloat

The Christian Science Monitor, November 9, 2006

Fighting World Poverty with Investment and Education

International Herald Tribune, November 7, 2006

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**Spotlight on a Millennium Village: Mbola, Tanzania**

Mbola village is one of the poorest villages in Tanzania and one of the villages Earth Institute experts are beginning work to help lift out of poverty. But the challenges are stark. Persistent drought over the last few years has withered crops and continues to threaten the health of the villagers. Women and children spend most of the day and night fetching water from very far sources. Even the nearby Tumbi Research Centre has no water — its scientists are forced to look for it. The villagers say they now take turns drinking what little water is available: children in the morning, men in the afternoon, and women at night.

[read more about the Millennium Villages Project](#)

New Books and Awards**NASA Scientist James Hansen Wins WWF Medal**

Renowned climate scientist James E. Hansen is this year's recipient of the Duke of Edinburgh Conservation Medal, awarded annually by World Wildlife Federation (WWF) for outstanding service to the environment. [more](#)

New Steven Cohen Book Puts Environmental Policy into Context

long, tragic aftermath.

[go to Katrina List Web site](#)



The Sirius Formation at Mt. Feather in the Dry Valleys of Antarctica is a natural laboratory for studies of long-term Earth surface processes.

What's in an Isotope? Quite a Lot

A new technique developed by researchers at the Lamont-Doherty Earth Observatory now allows scientists to use an isotope of manganese that is not abundant on Earth to understand the record of millions of years of changes to the Earth's surface. [more](#)

The Earth Institute Announces Recipients of Inaugural Earth Clinic Funding Competition

The Earth Institute's Earth Clinic is an interdisciplinary program that plans and implements problem-solving strategies to address critical challenges concerning sustainable development. To advance its goals, the Earth Clinic launched a competition for seed funding to foster innovative projects. [more](#)

Earth Institute Researchers Awarded Funding to Support Innovative Cross-Cutting Projects

The Earth Institute's Cross-Cutting Initiative (CCI), a core program of the Earth Institute, draws on the expertise of faculty from across Columbia University, mobilizing their knowledge and experience to devise effective and sustainable solutions to complex global challenges. This year, to fund innovative projects that meet the goals of the CCI, the Earth Institute opened a call for research proposals to scientists from a range of disciplines. [more](#)



The water line of the Angat Reservoir in the Philippines falls well below the vegetation line during a 2004 drought.

In Philippines, El Niño Means Drought

Casey Brown arrived in Manila in early November on the heels of a "super typhoon" that clocked 125-mile-per-hour winds. But for Manila, home to more than 10 million people, it is drought — not typhoons — that has led to rising tensions between urban dwellers and farmers who work just outside the city. [more](#)

Special Events at the Earth Institute

Thurs., Dec. 7, 4-6pm, Lerner Hall, Satow Room, 5th floor

Women's Issues in Sustainable Development



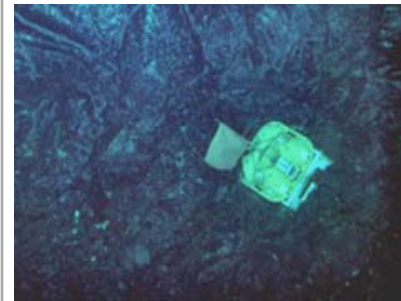
Students Present Final Workshop Briefings

On November 29, students in the Master of Public Administration in Environmental Science and Policy program presented their final workshop briefings. [more](#)

In his new book *Understanding Environmental Policy*, [Steven Cohen](#) introduces a multidimensional framework for developing effective environmental policy within the United States and around the world. [more](#)

"Educating All Children" — A New Joel E. Cohen Book

In *Educating All Children*, leading experts consider the challenges of achieving universal basic and secondary education globally. The contributors discuss the current state of education and how to measure global educational progress, the history of compulsory education, political and financial obstacles to expanding education, the role of educational assessment and evaluation in developing countries, cost estimates for providing universal education (and why they differ so widely), the potential consequences of expanded global education, and the relationship between education and health. [more](#)



One of the ocean bottom seismometers trapped in fresh lava on the East Pacific Rise. The flag on top is used to help locate the device when it surfaces.

Scientists Lose Instruments, Gain First Look at Seafloor Formation

Ordinarily, losing almost all of one's instruments would be considered a severe setback to any scientist. But when Maya Tolstoy, a marine geophysicist at the Lamont-Doherty Earth Observatory and the Earth Institute at Columbia University, recently learned that two-thirds of the seismometers she placed on the floor of the Pacific Ocean were trapped more than 8,000 feet (2500 meters) underwater, it turned out to be an extremely good sign. [more](#)

Comments and Suggestions

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