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Newsletter for February 22, 2006

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Announcements

Request For Interest in New CfE Initiatives

Email [Paula Euvrard](#)

if you are interested in further information on the following new CfE groups:

****Colloquy on Environmental Sustainability Research Frontiers.*** Purpose: Define the scope of environmental sustainability science, identify research challenges, and describe scientific frontiers.

****Working Group on Environmental Instruments and Capabilities.*** Purpose: Identify critical needs for campus environmental research facilities and instruments, and develop strategies to achieve highest priorities.

Science Magazine Reports Acceleration in Greenland Ice Sheet Melt

A study published in *Science*

magazine finds that the Greenland Ice Sheet is shrinking faster than researchers had previously thought. The runoff from just this one part of the Earth could raise sea levels around the world by a quarter of an inch per decade. As the article entitled [Changes in the Velocity Structure of the Greenland Ice Sheet](#)

describes how the mass balance between the interior of the ice sheet and its margins helps determine the amount of water contributing to the rise in global sea-level. At 1.7 million km², up to 3 km thick, and a little smaller than Mexico, the Greenland Ice Sheet would raise global sea level by about 7 m if it melted completely and take anywhere from a hundred to a few thousand years. A comparison of their results to past data shows that there has been a widespread acceleration of ice flow since 1996, that mass loss has doubled in that time, and that ice dynamics, which are particularly dependent on warming, dominate the rapid retreat of Greenland's glaciers. The new data, derived largely from remote-sensing satellites, suggests that current estimates of global sealevel rise over the next century, of about 0.5 ± 0.4 m, are underestimates. [Read the perspective report by J. Dowdeswell.](#)

New Grant and Project Opportunities

[Browse Complete RFP Listings >>](#)

New

[NSF: Civil and Mechanical Systems \(incl. Geotech\)](#) (Mar 1)

[National Academies: Research Associateship Programs \(RAP\)](#) (May 1)

[NSF: Graduate Research Supplements \(GRS\)](#) (May 1)

[EPA STAR Methodological Advances in Benefit Transfer Methods](#) (May 16)

[USDA / NRI Animal Growth and Nutrient Utilization](#) (May 17)

No Deadline

[EPA Community-Based: Environmental Justice Small Grants & Collaborative Problem-solving Funds](#)

[National Geographic Society \(NGS\): Conservation Trust Grants](#)

Deadlines in February

[USGS / NIWR Water Research Grants](#) (Feb 24)

[NOAA Sea Grant Marine Aquaculture Program](#) (Feb 28, Apr 13)

Deadlines in March

[Ian Axford US-New Zealand Fellowships in Public Policy](#) (Mar 1)

[International Association for Great Lakes Research \(IAGLR\) Scholarships](#) (Mar 1)

[NASA Planetary Biology Internship \(PBI\)](#) (Mar 1)

[NATO Security Through Science Program](#) (Mar 1)

[NIOSH Special Emphasis Research Career Award Program](#) (Mar 1)

[NOAA Environmental Literacy Projects](#) (Mar 1)

[NOAA Environmental Ocean Literacy Grants](#) (Mar 1)

[NOAA Species of Concern Conservation Program](#) (Mar 1)

[NATO: Collaborative Linkage Grants](#) (Mar 1)

[USDA / NRI Suborganismal Biology and Genomics of Arthropods and Nematodes](#) (Mar 1)

[Wildlife Conservation Society: Research Fellowship Program](#) (Mar 1)

[NSF / CSREES Microbial Genome Sequencing Grants](#) (Mar 2)

[Hudson River Foundation: Polgar Fellowship](#) (Mar 3)

[NOAA Coral Reef Conservation Grant Program/General Grants](#) (Mar 3)

[Cornell Biogeochemistry & Environmental Biocomplexity: IGERT Small Grants](#) (Mar 10)

[NSF: Materials Use in Science, Engineering & Society \(MUSES\)](#) (Mar 13)

[DOE / National Institute for Climate Change Research \(NICCR\) Grants](#) (Mar 14)

[American Philosophical Society: Lewis & Clark Fund for Exploration and Research](#) (Mar 15)

[American Museum of Natural History: Grad & Post-Doc Grants](#) (Mar 15, May 1)

[Great Lakes Basin Program For Soil Erosion & Sediment Control Grants](#) (Mar 15)

[MacArthur Foundation: Conservation & Sustainable Development](#) (Mar 15, May 15)

[NOAA Chesapeake Bay Office \(NCBO\) Integrated Science Grants](#) (Mar 15)

[NOAA Great Lakes Ecosystem Research Program \(GLERL\)](#) (Mar 15)

[NSF Geosciences: Carbon and Water in the Earth System](#) (Mar 15)

[UVA Mountain Lake Biological Station Summer Graduate Fellowships](#) (Mar 15)

[NSF Integrated Graduate Education & Research Training Program \(IGERT\)](#) (Mar 27)

[Great Lakes Ratza Scholarship](#) (Mar 31)

[Mount Desert Island Biological Laboratory, Maine \(MDIBL\) Research Awards](#) (Mar 31)

Deadlines in April

[American Rivers-NOAA Community-Based Restoration River Grants](#) (Apr 1)

[EPA Broad Agency Announcement \(BAA\) for Conference Funds](#) (Apr 18)

[Hudson River Foundation: Graduate Fellowships](#) (Apr 20)

Deadlines in May

[Canon National Parks Science Scholars for the Americas](#) (May 3)

Select Seminars and Campus Events

Biochemistry, Molecular and Cell Biology Seminars:
12:20 PM Mondays in G-O1 Biotechnology Building

- Schedule at - http://www.mbg.cornell.edu/BMCB_Monday_Seminars.cfm
- Biogeochemistry and Environmental Biocomplexity Seminars:
4:00 PM Fridays in Morison Room, Corson Hall
Schedule at - <http://www.biogeo.cornell.edu/seminars.html>
- Biophysics Seminars:
4:30 PM Wednesdays in 700 Clark Hall
Schedule at - <http://www.drbio.cornell.edu/Dissemination/seminars.html>
- Civil and Environmental Engineering Seminars:
Variable dates, times and locations
Schedule at - <http://www.cee.cornell.edu/fbxk/seminars.cfm>
- Crop and Soil Sciences Seminars:
12:20 PM Thursdays in 135 Emerson Hall
Schedule at - <http://www.css.cornell.edu/seminars/seminar.html>
- Earth and Atmospheric Sciences Seminar Series:
Variable dates, times and locations
Schedule at - <http://www.eas.cornell.edu/fbxk/smnrns.cfm>
- Ecology and Evolutionary Biology Seminars:
12:30 PM Mondays in A106 Corson Hall
Schedule at - <http://www.eeb.cornell.edu/department/seminars.html>
- Entomology Seminars:
3:30 PM Mondays in Corson-Mudd Auditorium
Schedule at - <http://www.entomology.cornell.edu/Jugatae/default.htm>
- Genetics and Development:
12:20 PM Wednesdays in GO1 Biotechnology Building
Schedule at - http://www.mbg.cornell.edu/GD_Wednesday_Seminars.cfm
- Horticulture Seminars:
11:15 AM Mondays in Whetzel Room, Plant Science 404
Schedule at - http://www.hort.cornell.edu/department/news_events/2005springseminar.pdf
- Laboratory of Ornithology Seminar Series:
7:30 PM Mondays in the auditorium of the Johnson Center for Birds and Biodiversity
Schedule at - <http://www.birds.cornell.edu/LabPrograms/Education/MNSFallod.html>
- Molecular Biology and Genetics Seminars:
4:00 PM Fridays in G10 Biotechnology Building
Schedule at - http://www.mbg.cornell.edu/MBG_Seminars.cfm
- Natural Resources Seminars:
3:30 PM Tuesdays in 304 Fernow Hall
Schedule at - <http://www.dnr.cornell.edu/events/seminars/>
- Plant Biology Seminars:
11:15 AM Fridays in 404 Plant Science, Whetzel Room
Schedule at - <http://www.plantbio.cornell.edu/seminars.php>

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