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## Newsletter for January 18, 2006

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### Announcements

#### **Vegetation Reported as Significant Methane Source**

In the [Jan. 12th edition of Nature magazine](#), Keppler *et al.* report the surprising finding that terrestrial plants emit large amounts of methane into the atmosphere. Keppler, of the Max Planck Institute for Nuclear Physics, estimated that living plants release between 60m and 240m tons of methane per year, with the largest part coming from tropical areas. These findings help account for the observations from space of inexplicable large plumes of methane above tropical forests. Methane is second only to carbon dioxide in its role in global warming due to the greenhouse effect. These results will have implications for Kyoto Protocol budgets as reforestation efforts might be considered as a methane sources rather than a methane sinks, as previously assumed.

#### **AIBS Public Policy Report for January 17, 2006**

OSTP requests comments on federal support of graduate education

Application deadline for 2006 AIBS Emerging Public Policy Leader Award nears

[Full text of this report](#)

[Summaries of other recent public policy reports](#)

#### **New Grant and Project Opportunities**

[Browse Complete RFP Listings >>](#)

##### **New**

[NIH Pilot-Scale Libraries for High-Throughput Biological Screening](#) (Jan 27, Feb 22)

[Mickey Leland Urban Air Toxics Research Awards \(NUATRC\)](#) (Feb 1, Feb 21)

[Mount Desert Island Bio Lab, Maine: Research Awards](#) (Feb 1, Feb 15, Mar 31)

[Darbaker & McKinley Graduate Research Prizes in Botony & Ecology](#) (Feb 7)

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

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

##### **No Deadline**

[Argonne National Laboratory Guest Appointments \(Faculty & Graduate Students\)](#)

[NSF: Biosphere Atmosphere Research & Training \(BART\) Summer Fellowship Program](#)

[The Surdna Foundation: Environment Grants](#)

##### **Deadlines in January**

[NSF Economics Program Grants](#) (Jan 18)

[DOE / National Institute for Climate Change Research \(NICCR\) Grants](#) (Jan 18, Mar 14)

[USDA / NRI Nanoscale Science & Engr. for Agri. and Food Systems](#) (Jan 19)  
[USDA / NRI Soil Processes](#) (Jan 19)  
[USDA/NRI Water and Watersheds Research Grants \(NRICGP\)](#) (Jan 19)  
[NOAA Geodetic Science & Applied Research \(GSAR\) Program](#) (Jan 23)  
[Great Lakes Fishery Trust \(GLFT\): Ecosystem Health & Sustainable Fish Populations](#) (Jan 24)  
[NOAA Environmental Literacy Projects](#) (Jan 25, Mar 1)  
[NOAA Environmental Ocean Literacy Grants](#) (Jan 25, Mar 1)  
[Mazamas Pacific Northwest Research Grants](#) (Jan 26)  
[FishAmerica Foundation / NOAA Community-Based Habitat Restoration Grants](#) (Jan 27)  
[National Fish and Wildlife Foundation: Budweiser Conservation Scholarship](#) (Jan 27)  
[Ame. Assoc. for the Advancement of Science: Science & Technology Policy Fellowships](#) (Jan 30)  
[EPA STAR Program: Environmentally Benign Manufacturing and Processing Grants](#) (Jan 31)  
[National Fish and Wildlife Foundation: Coral Reef Conservation Fund](#) (Jan 31)  
[NY-NJ Harbor Estuary Program: Conceptual Habitat Restoration Plans](#) (Jan 31)

## Deadlines in February

[American Ornithologists' Union Research Awards](#) (Feb 1)  
[Cornell Biogeochemistry & Biocomplexity Initiative \(BBI\) Equipment Grants](#) (Feb 1)  
[Department of Health and Human Services Science and Ecology of Early Development](#) (Feb 1)  
[Huyck Preserve Biological Research Station \(NY\) Grant](#) (Feb 1)  
[NIEHS: Gene/Environment Interaction in Neurodegenerative Disease](#) (Feb 1)  
[NIH Small Research Grant Program](#) (Feb 1)  
[NIOSH / CDC Occupational Safety & Health Research](#) (Feb 1)  
[NSF Science & Society \(S&S\): Grants, Conferences, & Scholarship Support](#) (Feb 1)  
[USDA / NRI Rural Development](#) (Feb 1)  
[NSF Emerging Models and Technologies for Computation](#) (Feb 7)  
[USDA / NRI Agricultural Plant Biochemistry](#) (Feb 7)  
[USDA / NRI Developmental Processes of Agricultural Plants](#) (Feb 7)  
[NSF Ecology of Infectious Diseases](#) (Feb 10)  
[Sea Grant / NOAA Fisheries: Population Dynamics & Marine Resource Econ](#) (Feb 10)  
[Sea Grant: Industry Fellowship Program](#) (Feb 10, Feb 17)  
[USGS / NIWR Water Research Grants](#) (Feb 10, Feb 24)  
[CDC / NIOSH: Centers for Ag Disease & Injury Research, Education & Prevention](#) (Feb 15)  
[EPA / Health Effects Institute: Health Effects of Air Pollution](#) (Feb 15)  
[Marine Biological Laboratory: Summer Research Fellows](#) (Feb 15)  
[NOAA Great Lakes Ecosystem Research Program \(GLERL\)](#) (Feb 15, Mar 15)  
[NSF Developing Global Scientists & Engineers: Research Experience for Students \(IRES\)](#) (Feb 15)  
[NSF Geoscience: Marine Geology & Geophysics](#) (Feb 15)  
[USDA / NRI Biology of Weedy & Invasive Species in Agroecosystems](#) (Feb 15)  
[USDA / NRI Plant Genome Grants](#) (Feb 15)  
[EPA National Student Design Competition for Sustainability \(P3\)](#) (Feb 20)  
[NOAA Mid-Atlantic Research Set-Aside \(RSA\) Program](#) (Feb 21)  
[EPA / NSF: Environmental & Health Effects of Manufactured Nanomaterials](#) (Feb 22)

## 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 Species of Concern Conservation Program](#) (Mar 1)  
[North Atlantic Treaty Organization: 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)  
[NOAA Coral Reef Conservation Grant Program/General Grants](#) (Mar 3)  
[NSF: Materials Use in Science, Engineering, and Society \(MUSES\)](#) (Mar 13)  
[American Philosophical Society: Lewis and Clark Fund for Exploration and Field Research](#) (Mar 15)  
[NOAA Chesapeake Bay Integrated Science Grants](#) (Feb 3, Mar 15)  
[NSF Geosciences: Carbon and Water in the Earth System](#) (Mar 15)  
[NSF Integrated Graduate Education & Research Training Program \(IGERT\)](#) (Mar 27)  
[Great Lakes Ratza Scholarship](#) (Mar 31)

## Deadlines in April

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

## 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](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/smnrs.cfm>

### Ecology and Evolutionary Biology Seminars:

12:30 PM Mondays in A106 Corson Hall

Schedule at - <http://www.eeb.cornell.edu/departments/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](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/departments/news\\_events/2005springseminar.pdf](http://www.hort.cornell.edu/departments/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](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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