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Newsletter for June 01, 2006

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Announcements

In Recent Environmental Science News . . .

Acid Rain Speeds Up the Production of the Methylmercury

The first ecosystem-scale experiment confirms that the sulfate in acid rain speeds up the production of the methylmercury that bioaccumulates in fish. Researchers have published evidence that acid rain triggers the production of methylmercury, the bioavailable and toxic form of mercury that can accumulate in fish living downstream of freshwater wetlands and make them unsafe for human consumption. The paper entitled [Sulfate Addition Increases Methylmercury Production in an Experimental Wetland](#) by Jeff D. Jerimiason, *et al*, was published by American Chemical Society on their *Environmental Science and Technology Online*

website on May 10, 2006. An expert in the field, Charles Driscoll of Syracuse University, states that "this is exciting work" because the cause-and-effect relationship between sulfur and mercury deposition from the atmosphere has been "demonstrated in the lab and in the field in small-scale experiments," but not in a large-scale experiment before.

New Grant and Project Opportunities

[Browse Complete RFP Listings >>](#)

New

- [CDC/NIOSH: Exploratory Occupational Safety & Health Research](#) (Jun 1)
- [NIH: Bioengineering Research Grants \(BRG\)](#) (Jun 1)
- [NSF: Economics Program Grants](#) (Aug 18)
- [NIH: Molecular Probes for Microscopy of Cells](#) (Aug 29)

Deadlines in June

- [NASA: Physical Oceanography](#) (Jun 1)
- [NIH/NIEHS: Metals in Medicine](#) (Jun 1)
- [NIH/NIEHS: Small Research Grants](#) (Jun 1)
- [NIH: Science & Ecology of Early Development](#) (Jun 1)
- [NSF: Earth Sciences Research \(EAR\)](#) (Jun 1, Jul 16, Aug 17)
- [NSF: Geophysics](#) (Jun 1)
- [NSF: Hydrologic Sciences](#) (Jun 1)
- [NSF: Petrology and Geochemistry](#) (Jun 1)
- [NSF: Tectonics](#) (Jun 1)
- [HUD: Healthy Homes & Lead Technical Studies](#) (Jun 6, Jun 7)
- [NSF: Antarctic Research](#) (Jun 7)
- [Lindbergh Seed Grants Program](#) (Jun 8)
- [NSF: Supplemental International Travel & Research \(IREE\)](#) (Jun 8)
- [NASA: Advancing Collab. Connections for Earth Science \(ACCESS\)](#) (Jun 14)

- [Health Effects Institute: Diesel Exhaust Exposure & Chronic Inhalation Bioassay](#) (Jun 15, Jul 31)
- [NASA: Research and Modeling of Atmospheric Composition](#) (Jun 15)
- [USDA/CSREES: National Research Initiative - Air Quality \(NRICGP\)](#) (Jun 15)
- [USDA/NRI: Animal Genomics](#) (Jun 15)
- [USDA/NRI: Plant Biosecurity](#) (Jun 15)
- [NSF: Plant Genome Comparative Sequencing Program \(PGCSP\)](#) (Jun 16)
- [EPA: Pollution Prevention Grants](#) (Jun 19)
- [EPA/NCER: Consequences of Global Change for Air Quality](#) (Jun 20)
- [NIH/NIOSH/CDC: Int'l Training & Research in Envir. & Occupational Health \(ITREOH\)](#) (Jun 22)
- [NSF: Research Coordination Networks in Biological Sciences \(RCN\)](#) (Jun 26)
- [Nat'l Marine Fisheries Service: Lobster Shell Disease Research](#) (Jun 28)
- [Northern Nut Growers Association \(NNGA\): Research Grants](#) (Jun 30)

Deadlines in July

- [NATO: Security Through Science Program](#) (Jul 1)
- [NIH/NIEHS: Independent Scientist Award](#) (Jul 1)
- [NIOSH: Special Emphasis Research Career Award Program](#) (Jul 1)
- [NSF: Archaeology & Archaeometry](#) (Jul 1)
- [NSF: Physical Anthropology](#) (Jul 1)
- [NSF: Living Stock Collections \(LSC\)](#) (Jul 5)
- [NSF Population & Evolutionary Processes Cluster Grants](#) (Jul 9)
- [NSF: Ecological Biology Cluster Grants](#) (Jul 9)
- [NSF: Long Term Research in Environmental Biology \(LTREB\)](#) (Jul 9)
- [NSF: Opportunities for Promoting Understanding through Synthesis \(OPUS\)](#) (Jul 9)
- [NSF: Revisionary Syntheses in Systematics \(REVSYS\)](#) (Jul 9)
- [NSF: Biological Databases and Informatics \(BD&I\)](#) (Jul 10)
- [NSF: Coupling, Energetics, & Dynamics of Atmospheric Regions \(CEDAR\)](#) (Jul 10)
- [NSF: Behavioral Systems Cluster](#) (Jul 12)
- [NSF: Biomolecular Systems Cluster Grants](#) (Jul 12)
- [NSF: Cellular Systems Cluster](#) (Jul 12)
- [NSF: Developmental Systems Cluster](#) (Jul 12)
- [NSF: Functional & Regulatory Systems Cluster](#) (Jul 12)
- [NSF: Genes and Genome Systems Cluster](#) (Jul 12)
- [NSF: Grants To Broaden Participation in Bio Research](#) (Jul 12)
- [NSF: Quantitative Environmental and Integrative Biology \(QEIB\)](#) (Jul 12)
- [NSF: The Environmental & Structural Systems Cluster](#) (Jul 12)
- [NSF: Geobiology and Low-Temperature Geochemistry](#) (Jul 16)
- [EPA Broad Agency Announcement \(BAA\): Conference Funds](#) (Jul 17)
- [NSF: Faculty Early Career Development - Environmental Sciences](#) (Jul 18)
- [NSF: Faculty Early Career Development - Ocean Sciences](#) (Jul 20)
- [EPA/NCER: Cooperative Training in Aquatic Toxicology & Ecosystems](#) (Jul 25)
- [NOAA/NCEP: Climate Test Bed \(CTB\)](#) (Jul 25)
- [NSF: Biological Research Collections \(BRC\)](#) (Jul 28)

- [Smithsonian Tropical Research Institute: Visiting Researchers](#) (Jul 28)
- [NSF: Biological Physics \(BP\)](#) (Jul 31)

Deadlines in August

- [Fulbright: U.S.-Canada Student Scholars](#) (Aug 1)
- [Fulbright: U.S.-Canada Visiting Research Chairs Program](#) (Aug 1)
- [National Academies: Research Associateship Programs \(RAP\)](#) (Aug 1)
- [NSF: Earth MARGINS Program](#) (Aug 1)
- [NSF: Science & Society \(S&S\) Grants, Conferences, & Scholarship Support](#) (Aug 1)
- [Trans-NIH Consortium \(BECON\): Bioengineering Nanotechnology \(STTR\)](#) (Aug 1)
- [EPA STAR: Effects of Hormones in Waste from Concentrated Animal Feeding \(CAFOS\)](#) (Aug 9)
- [MacArthur Foundation: Conservation & Sustainable Development](#) (Aug 15)
- [NSF: Biological Oceanography Grants](#) (Aug 15)
- [Smithsonian Tropical Research Institute: Short-Term Fellowships](#) (Aug 15)
- [NSF: Geoscience - Marine Geology & Geophysics](#) (Aug 15)

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