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Newsletter for October 24, 2006

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In Recent Science News . . . Wetland Sedimentation from Hurricanes

A team of scientists from Louisiana State University estimated the amount of inorganic sediments deposited on wetlands of the microtidal Louisiana coast during Hurricanes Katrina and Rita. The team showed that the dominant pathway of inorganic sediments into the microtidal LA coastal wetlands is from offshore to inshore during hurricanes, and not from overbank flooding along the main channel of the Mississippi River, from smaller storm events, or from tidal inundations. The annualized combined amount of inorganic sediments per hurricane equals (i) 12% of the Mississippi River's suspended load, (ii) 5.5 times the inorganic load delivered by overbank flooding before flood protection levees were constructed, and (iii) 227 times the amount introduced by a river diversion built for wetland restoration. The team concluded that changes in the in situ accumulation of organics, rather than the reduction of inorganic sediments arriving via overbank flooding, are implicated as a causal agent of wetland losses on this coast. This study should help to understand how inorganic sediments contribute to wetland stability and to spend wetland restoration funds effectively. [Science 20 October 2006: Vol. 314. no. 5798, pp. 449 - 452] [Read the full article \(requires CU connection\) >>](#)

AIBS Public Policy Report Headlines for October 23, 2006

- AIBS comments on NSTC ocean research plan
- NPS gets new director
- House Democrats investigate EPA library plan
- Border fence could be barrier to wildlife
- From the Federal Register
- New in BioScience - 'Global Warming: Congress Still Stalled, States and Cities Act'

New Grant and Project Opportunities

[Browse Complete RFP Listings >>](#)

New

- [NOAA: Community-based Marine Debris Prevention & Removal](#) (Oct 30)
- [Army Research Laboratory: Broad Agency Announcement](#) (Oct 31)
- [Canadian Embassy: Faculty Enrichment & Graduate Fellowships](#) (Oct 31)
- [NY State: Funding to Improve Environmental Performance for Power Generation](#) (Nov 14)
- [Smithsonian Tropical Research Institute: Short-Term Fellowships](#) (Nov 15)
- [Ford Foundation: Predoctoral Diversity Fellowships](#) (Nov 16)
- [EPA STAR: Sources, Composition, and Health Effects of Course Particulate Matter](#) (Nov

30)

- [Ford Foundation: Dissertation Diversity Fellowships](#) (Nov 30)
- [Ford Foundation: Postdoctoral Diversity Fellowships](#) (Nov 30)
- [NSF: Plant Science Cyberinfrastructure Collaborative \(PSCIC\)](#) (Nov 30)
- [USDA: National Estuarine Research Reserve Land Acquisition and Construction Program NRI](#) (Dec 01)
- [EPA: Activities that Advance Methane Recovery and Use as a Clean Energy Source](#) (Dec 04)
- [USDA: Agricultural Prosperity for Small & Medium-Sized Farms NRI](#) (Dec 08)
- [USDA: Biology of Plant-Microbe Associations NRI](#) (Dec 14)
- [Canadian Studies Grant Program: International Research Linkages Grant](#) (Dec 31)
- [NSF Ecology Cluster Grants](#) (Jan 09)
- [NSF: Biodiversity Surveys and Inventories](#) (Jan 09)
- [NSF: Long Term Research in Environmental Biology \(LTREB\)](#) (Jan 09)
- [NIH National Institutes of Environmental Health Sciences: Interdisciplinary Partnerships](#) (Jan 11)
- [International Institute for Applied Systems Analysis: Young Scientists Summer Program](#) (Jan 15)
- [USDA: Arthropod & Nematode Biology & Management NRI](#) (Jan 17)
- [USDA: Water and Watersheds Research Grants NRI](#) (Jan 17)
- [NSF: Economics Program Grants](#) (Jan 18)
- [North American Native Fishes Association: Research Grant Program](#) (Jan 20)
- [Oak Ridge Institute: Various Programs](#) (Jan 20)
- [NIH: Bioengineering Research Partnerships](#) (Jan 22)

Deadlines in October

- [NSF: Partnerships for International Research and Education](#) (Oct 30)
- [Tinker Foundation Field Research Grants](#) (Oct 30)
- [HUD: Healthy Homes & Lead Technical Studies](#) (Oct 31)
- [NSF: Archaeology & Archaeometry](#) (Oct 31)

Deadlines in November

- [National Academies: Research Associateship Programs \(RAP\)](#) (Nov 01)
- [National Estuarine Research Reserve Graduate Research Fellowship Program](#) (Nov 01)
- [NATO: Security Through Science Program](#) (Nov 01)
- [NOAA: General Coral Reef Conservation Program](#) (Nov 10)
- [NSF: Doctoral Dissertation Improvement Grants in Biological Sciences](#) (Nov 01)
- [The National Academies: Postdoc & Senior Research Associateships](#) (Nov 01)
- [Tree Research and Education Endowment Fund: John Z. Duling Grant Program](#) (Nov 01)
- [USDA: Animal Reproduction NRI](#) (Nov 02)
- [NSF: Materials Research Unsolicited Proposals](#) (Nov 03)
- [NSF: Quantitative Environmental and Integrative Biology \(QEIB\)](#) (Nov 07)
- [USDA: Biobased Products & Bioenergy Production Research NRI](#) (Nov 08)
- [NOAA: Coral Reef Ecosystem Studies](#) (Nov 13)

- [American Museum of Natural History: Grad & Post-Doc Grants](#) (Nov 15)
- [National Fish & Wildlife Foundation: Great Lakes Watershed Restoration Program](#) (Nov 15)
- [NSF Earth Sciences \(EAR\): Geobio, Geomorph, Instrumentation, Paleobio, & Sediment Geology](#) (Nov 15)
- [NSF: Dynamics of Couple Natural and Human Systems](#) (Nov 16)
- [NIH/NIEHS: Disease Investigation through Specialized Clinically-Oriented Ventures in Environmental Research](#) (Nov 17)
- [NSF: Cellular and Biomolecular Engineering](#) (Nov 17)
- [EPA: Graduate Environmental STAR Fellowships](#) (Nov 28)
- [Office of Naval Research: National Oceanographic Partnership Program](#) (Nov 30)

Deadlines in December

- [Fish & Wildlife Service: North American Wetlands Small Grants](#) (Dec 01)
- [NOAA: Ballast Water Technology Facility](#) (Dec 01)
- [NSF Earth Sciences \(EAR\): Geobio, Geomorph, Instrumentation, Paleobio, & Sediment Geology](#) (Dec 01)
- [NSF: Earth Sciences Research \(EAR\)](#) (Dec 01)
- [NSF: Geophysics](#) (Dec 01)
- [NSF: Hydrologic Sciences](#) (Dec 01)
- [NSF: Petrology and Geochemistry](#) (Dec 01)
- [NSF: Tectonics](#) (Dec 01)
- [USDA: Epidemiological Approaches for Food Safety NRI](#) (Dec 01)
- [NSF: Physical Anthropology](#) (Dec 03)
- [Great Lakes Commission: Great Lakes Air Deposition Program](#) (Dec 04)
- [DOE/National Institute for Climate Change Research: Various Grants](#) (Dec 05)
- [Health Effects Institute: Diesel Exhaust Exposure & Chronic Inhalation Bioassay](#) (Dec 05)
- [USDA: Biology of Weedy & Invasive Species in Agroecosystems NRI](#) (Dec 06)
- [USDA: Plant Biology, Growth & Development NRI](#) (Dec 06)
- [USDA: Soil Processes NRI](#) (Dec 06)
- [NSF: Arctic Research Opportunities](#) (Dec 08)
- [Joyce Foundation: Environment Grants](#) (Dec 11)
- [National Sea Grant: Aquatic Research Programs](#) (Dec 19)
- [Institute of Health: Collaborations with Nat'l Ctrs of Biomedical Computing](#) (Dec 20)
- [EPA: National Student Design Competition for Sustainability \(P3\)](#) (Dec 21)
- [NIH: Outstanding New Environmental Scientist Award](#) (Dec 21)

Deadlines in January

- [NIH: Division of Comparative Medicine Research Grants](#) (Jan 02)
- [NSF: Ecological Biology Cluster Grants](#) (Jan 09)
- [NSF: Ecosystem Science Cluster Grants](#) (Jan 09)
- [NSF: Opportunities for Promoting Understanding through Synthesis \(OPUS\)](#) (Jan 09)
- [NSF: Population & Evolutionary Processes Cluster Grants](#) (Jan 09)
- [NSF: Revisionary Syntheses in Systematics \(REVSYS\)](#) (Jan 09)

- [NSF: Behavioral Systems Cluster](#) (Jan 12)
- [NSF: Developmental Systems Cluster](#) (Jan 12)
- [NSF: Functional & Regulatory Systems Cluster](#) (Jan 12)
- [NSF: Genes and Genome Systems Cluster](#) (Jan 12)
- [NSF: Grants To Broaden Participation in Bio Research](#) (Jan 12)
- [NSF: The Environmental & Structural Systems Cluster](#) (Jan 12)
- [NIH: Manufactured Nanomaterials, Physico-chemical Principles of Biocompatibility and Toxicity](#) (Jan 13)
- [Earthwatch Institute: Field-based Research Grants](#) (Jan 15)
- [NIH: Pharmacogenetics of Flouride](#) (Jan 15)
- [Smithsonian Tropical Research Institute: Tupper Fellowship](#) (Jan 15)
- [NSF: Geobiology and Low-Temperature Geochemistry](#) (Jan 16)

SELECT SEMINARS AND CAMPUS EVENTS

Mondays

- **Horticulture Seminars:** 11:15 AM Mondays in Whetzel Room, Plant Science 404 - [Online Schedule](#)
- **Biochemistry, Molecular and Cell Biology Seminars:** 12:20 PM Mondays in G-O1 Biotechnology Building - [Online Schedule](#)
- **Ecology and Evolutionary Biology Seminars:** 12:30 PM Mondays in A106 Corson Hall, Morison Seminar Room - [Online Schedule](#)
- **Entomology Seminars:** 3:30 PM Mondays in Corson-Mudd Auditorium - [Online Schedule](#)
- **Laboratory of Ornithology Seminars:** 7:30 PM Mondays in the Lab of Ornithology Auditorium - [Online Schedule](#)

Tuesdays

- **Plant Breeding and Genetics Seminars:** 12:20 PM Tuesdays in 135 Emerson Hall - [Online Schedule](#)
- **Natural Resources Seminars:** 3:30 PM Tuesdays in 304 Fernow Hall - [Online Schedule](#)
- **Biomedical Sciences Seminars:** 4:00 PM Tuesdays in Lecture Hall III, Veterinary Research Tower - [Online Schedule](#)

Wednesdays

- **CIIFAD Seminars:** 12:20 PM Wednesdays in 135 Emerson Hall - [Online Schedule](#)
- **Genetics and Development:** 12:20 PM Wednesdays in GO1 Biotechnology Building - [Online Schedule](#)
- **Earth and Atmospheric Sciences Seminars:** Wednesdays 4:00 PM in 2146 Snee Hall or 1102 Bradfield Hall - [Online Schedule](#)
- **Biophysics Colloquia:** 4:30 PM Wednesdays in 700 Clark Hall - [Online Schedule](#)

Thursdays

- **Crop and Soil Sciences Seminars:** 12:20 PM Thursdays in 135 Emerson Hall - [Online](#)

[Schedule](#)

- **Civil and Environmental Engineering Seminars:** 4:30 PM Thursdays in 366 Hollister Hall - [Online Schedule](#)

Fridays

- **Environmental Sciences Colloquium, Fall 2006 Invasive Species:** 12:20 PM Fridays in 135 Emerson Hall - [Online Schedule](#)
- **Biogeochemistry and Environmental Biocomplexity Seminars:** 4:00 PM Fridays Morison Room, Corson Hall - [Email for Schedule](#)
- **Molecular Biology and Genetics Seminars:** 4:00 PM Fridays in G10 Biotechnology Building - [Online Schedule](#)

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