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Newsletter for June 07, 2006

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ANNOUNCEMENTS

New Invasive Species List-Serve

A new low-traffic list-serve (invasivespecies-l) has been created as a mechanism to share information, ideas, and news related to invasive species research and extension activities at Cornell. Anurag Agrawal, who helped organize the recent invasive species forum, will serve as the list moderator. If you want to sign up, send an email to lyris@cornell.edu with following plain-text in the body of the message (insert your name within the quotation marks): **join invasivespecies-l "Ezra Cornell"**

Recent Science News: Biodiversity Improves Ecosystem Stability

In the June 1, 2006 issue of *Nature*, Univ. of Minnesota researcher David Tilman, *et al.*, report on a long-term grassland study of the relationship between biodiversity and ecosystem stability. A topic of debate for more than 50 years, this study is the first to provide enough data, gathered over 168 grassland plots for 10 years, to confirm the theory that biodiversity's improves ecosystem stability. The research team directly controlled the number of perennial prairie species while the growing-season climate varied considerably, causing year-to-year variation in abundances of plant species and in ecosystem productivity. The data analysis concluded that ecosystems containing many different plant species are more productive and are better able to withstand and recover from climate extremes, pests and disease over long periods of time. Tilman states "High diversity allows us to produce biofuels with low inputs, and this means that we can get more energy from an acre of land, year after year, with high certainty." [Read the full article >>](#)

AIBS Public Policy Headlines from June 05, 2006

- AIBS honors Rep. Sherwood Boehlert and calls for 2009 to be the Year of the Public Understanding of the Nature of Science
- EPA releases latest version of peer review handbook
- 2005 national education report card shows U.S. science education still needs improvement
- Kempthorne confirmed as Secretary of the Interior
- From the Federal Register
- New in BioScience: "NSF's New Strategic Plan"
- Now available: AIBS Congressional Directory

GRANT AND PROJECT OPPORTUNITIES

[Browse Complete RFP Listings >>](#)

New

- [NSF: Environmental Molecular Sciences](#)
- [Joyce Foundation: Environment Grants](#) (Jun 15, Aug 15)
- [EPA: Great Lakes Remedial Action & Public Forum Coordination](#) (Jun 29)
- [Lake Champlain Basin Program: Watershed Restoration Projects](#) (Jun 30)
- [Sea Grant: American Fisheries Society Fellowship](#) (Jun 30)
- [Doris Duke Fund: Wildlife Habitat Policy Research Program](#) (Jul 10)
- [Ame. Water Works: E. Coli and Total Coliform Measurement Research](#) (Jul 14)
- [NIH: Molecular Probes for Microscopy of Cells](#) (Aug 29)
- [Bay and Paul Foundations: Biodiversity Leadership Award](#) (Sep 1)
- [Munson Foundation Grants](#) (Sep 1)
- [Tinker Foundation Institutional Grants](#) (Sep 1)

Deadlines in June

- [HUD: Healthy Homes & Lead Technical Studies](#) (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: EarthScope Program Research](#) (Jul 16)
- [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)
- [NSF: Geoscience - Marine Geology & Geophysics](#) (Aug 15)
- [Smithsonian Tropical Research Institute: Short-Term Fellowships](#) (Aug 15)
- [NSF: Earth Sciences Research \(EAR\)](#) (Jul 16, Aug 17)

- [NSF: Economics Program Grants](#) (Aug 18)
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