

Solicitations (Issue 215)
October 3, 2011

Greetings Subscribers – Here is Issue 215:

Feel free to pass this newsletter on to colleagues that may be interested.

There are 21 funding notices included in this issue.

1) Community Health & Climate Change

The U.S. Environmental Protection Agency requests proposals for Community Responses to Human Health Threats from Climate Change in Urban Areas. Work shall include identification of how local decision-makers respond to change, including acute events; what decision-makers view as their vulnerabilities to climate change; development of an evidence-based set of social indicators for climate vulnerability; creation of an in-depth assessment of what constitutes vulnerability, including measures of social capital, social networks, social capacity, education, and awareness of risks; measurement of the effectiveness of outreach and public education measures regarding risks; and assessment of the effects of new programs by local and federal programs. Responses due 10/15/11. For more info, contact Bradley Austin at Austin.bradley@epa.gov or go to: http://www.epa.gov/oamhpod1/admin_placement/ordresponses/index.htm. Refer to Sol# RFQ-DC-11-00088. (FBO 9/29/11)

2) People, Prosperity and the Planet

The U.S. Environmental Protection Agency requests proposals for the National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet (P3). The P3 Awards program was developed to foster progress toward sustainability by achieving the mutual goals of economic prosperity, protection of the planet, and improved quality of life for its people. Areas of interest include: Energy; Built Environment; Materials and Chemicals; Water; Agriculture; Green Infrastructure; and Clean Cookstoves. \$1.05 million expected to be available, up to 45 awards anticipated. Responses due 12/22/11. For more info, contact Cynthia Nolt-Helms at nolt-helms.cynthia@epa.gov or go to: http://www.epa.gov/ncer/rfa/2012/2012_p3.html. Refer to EPA-G2012-P3. (Grant.gov 10/2/11)

3) Environmental Education Sub-Grants

The U.S. Environmental Protection Agency requests proposals for the Environmental Education Sub-Grants Program. The RFP will provide support to recipients that make and manage sub-awards to organizations, other than their own, to design, demonstrate, and/or disseminate environmental education practices, methods, and/or techniques. \$1.5 million expected to be available, up to 10 awards anticipated. Responses due 11/8/11. For more info, including Regional contacts, go to: <http://www.epa.gov/enviroed/grants.html>. Refer to Sol# EPA-EE-11-03. (Grants.gov 9/12/11)

4) Sustainable Energy Pathways

The National Science Foundation requests proposals for Sustainable Energy Pathways. This RFP will support interdisciplinary efforts by teams of researchers to address the challenges of developing efficient pathways towards a sustainable energy future. \$34 million expected to be available. Responses due 2/1/12. For more info, including agency contacts, go to:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11590. Refer to Sol# 11-590. (Grants.gov 9/22/11)

5) Solid State Lighting Manufacturing

The U.S. Department of Energy requests proposals for Solid State Lighting Manufacturing Research and Development - Round 3. This RFP will support R&D to achieve cost reduction of solid-state lighting for general illumination through improvements in manufacturing equipment, processes, or techniques. \$10 million expected to be available, up to 4 awards anticipated. Responses due 12/15/11. For more info, contact SSLManufacturingFOA@netl.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000561. (Grants.gov 9/26/11)

6) Solid State Lighting Product Development

The U.S. Department of Energy requests proposals for Solid State Lighting Product Development - Round 8. This RFP will support the development or improvement of commercially viable materials, devices, or systems for solid state lighting general illumination applications. \$6 million expected to be available, up to 6 awards anticipated. Responses due 11/3/11. For more info, contact SSLProductFOA@netl.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000563. (Grants.gov 8/12/11)

7) Solid State Lighting Core Technologies

The U.S. Department of Energy requests proposals for Solid State Lighting Core Technologies - Round 8. This RFP will support applied research for technology development, with particular emphasis on meeting efficiency, performance, and cost targets. \$6 million expected to be available, up to 6 awards anticipated. Responses due 11/3/11. For more info, contact SSLCoreFOA@netl.doe.gov or go to: <https://eere-exchange.energy.gov/>. Refer to Sol# DE-FOA-0000564. (Grants.gov 8/12/11)

8) Office of Science

The U.S. Department of Energy announces its continuing interest in receiving applications for the Office of Science Financial Assistance Program. Areas of interest include, but are not limited to: Basic Energy Sciences and Biological and Environmental Research, and Workforce Development for Teachers and Scientists. Subtopics include Solar Photochemistry Research, and Climate Sciences. \$400 million expected to be available, multiple awards anticipated. Responses due 9/30/12. For more info, contact Kimberlie Laing at kim.laing@science.doe.gov or go to: <https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000660&agency=DOE>. Refer to Sol# DE-FOA-0000600. (Grants.gov 9/30/11)

9) Graduate Fellowships for the Environment

The U.S. Environmental Protection Agency requests proposals for Graduate Fellowships, for master's and doctoral level students in environmental fields of study. Areas of interest include, but are not limited to: Environmental Entrepreneurship; Global Change; Built Environment and Land Use/ Protection; Tribes and American Indian/Alaska Native/Pacific Islander Communities; Green Energy/Natural Resources Production & Use; and Green Engineering/Building/Chemical Products & Processes/Materials Development. \$4.5 million expected to be available, 80 fellowships anticipated. Responses due 11/8/11. For more info, including contacts, go to:

http://www.epa.gov/ncer/rfa/2012/2012_star_gradfellow.html. Refer to Sol# EPA-F2012-STAR. (Grants.gov 9/15/11)

10) Agriculture Fellowships

The U.S. Department of Agriculture requests proposals for Agriculture and Food Research Initiative Fellowships. This program will provide fellowships to pre- and postdoctoral students in the agricultural, forestry, and food sciences. Priority research areas include, but are not limited to, securing America's energy future through renewable biofuels, and mitigating and adapting agriculture to variations in climate. \$12 million expected to be available. Letters of Intent are required and are due 11/8/11, final proposals due 1/19/12. For more info, contact

AFRI@nifa.usda.gov or go to: <http://www.csrees.usda.gov/funding/rfas/afri.html>. Refer to Sol# USDA-NIFA-AFRI-003538. (Grants.gov 9/21/11)

11) Sustainable Bioenergy

The U.S. Department of Agriculture requests proposals for the Agriculture and Food Research Initiative - Sustainable Bioenergy. This program will support projects that target the development of regional systems for the sustainable production of bioenergy and biobased products. Areas of interest include, but are not limited to: Impacts of Regional Bioenergy Feedstock Production Systems on Wildlife and Pollinators; Socioeconomic Impacts of Biofuels on Rural Communities; and Environmental Implications of Direct and Indirect Land Use Change. \$11 million expected to be available. Letters of Intent are required, and are due 10/25/11, final proposals due 12/15/11. For more info, contact AFRI@nifa.usda.gov or go to:

<http://www.csrees.usda.gov/funding/rfas/afri.html>. Refer to Sol# USDA-NIFA-AFRI-003536. (Grants.gov 9/21/11)

12) Climate Variability and Change

The U.S. Department of Agriculture requests proposals for the Agriculture and Food Research Initiative: Agriculture and Natural Resources Science for Climate Variability and Change. This program will support project to advance the understanding of the impacts of climate variability and change on agriculture, forestry, natural resources, and the environment. Areas of interest include:

1) Integrated Approaches to Climate Adaptation and Mitigation in Agroecosystems. Letters of Intent are required, and are due 10/20/11, final proposals due 12/16/11. 2) Regional Approaches for Adaptation to and Mitigation of Climate Variability and Change. Letters of Intent are required, and are due 10/28/11, final proposals due 1/13/12. For more info, contact AFRI@nifa.usda.gov or go to: <http://www.csrees.usda.gov/funding/rfas/afri.html>. Refer to USDA-NIFA-AFRI-003537. (Grants.gov 9/21/11)

13) Brownfields Revolving Loan Funds

The U.S. Environmental Protection Agency requests proposals for Brownfields Revolving Loan Fund Grants. This program provides funds for a grant recipient to capitalize a revolving fund and to make loans and provide subgrants to carry out cleanup activities at brownfield sites. \$8 million expected to be available, up to 8 awards anticipated. Responses due 11/28/11. For more info, including Regional contacts, go to: <http://www.epa.gov/oswer/grants-funding.htm>. Refer to Sol# EPA-OSWER-OBLR-11-06. (Grants.gov 9/28/11)

14) Brownfields Assessment

The U.S. Environmental Protection Agency requests proposals for Brownfields Assessment Grants. This program supports inventories, characterizations, assessments, planning (including cleanup planning) and community involvement related to brownfield sites. \$39 million expected to be available, up to 112 awards anticipated. Responses due 11/28/11. For more info, including Regional contacts, go to: <http://www.epa.gov/oswer/grants-funding.htm>. Refer to Sol# EPA-OSWER-OBLR-11-05. (Grants.gov 9/28/11)

15) Brownfields Cleanup

The U.S. Environmental Protection Agency requests proposals for Brownfields Cleanup Grants. Cleanup grants provide funding to carry out cleanup activities at specific brownfield sites owned by the applicant. \$28 million expected to be available, up to 90 awards anticipated. Responses due 11/28/11. For more info, including Regional contacts, go to: <http://www.epa.gov/oswer/grants-funding.htm>. Refer to Sol# EPA-OSWER-OBLR-11-07. (Grants.gov 9/28/11)

16) Hybrid Fuel Transit Bus Demonstration - California

The U.S. Department of Transportation, Federal Transit Administration, requests proposals for Hybrid Fuel California Transit Bus Technology Research. This RFP will support the demonstration of advanced propulsion technologies for small transit vehicles in CA. \$241K expected to be available, 1 award anticipated. Responses due 10/16/11. For more info, contact Gregory Rymarz at gregory.rymarz@dot.gov or go to:

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=124533>. Refer to Sol# FTA-2011-026-TRI. (Grants.gov 9/22/11)

17) Bioproducts and Biofuels - New York

The New York State Energy Research and Development Authority requests proposals for the Development of New Bioproducts and Biofuels in New York State. This initiative will facilitate the development of innovative and environmentally responsible biomass feedstock technologies and bioproducts, including biofuels, bioproducts used for heat or power production, biochemicals and other bioproducts. \$1 million expected to be available, individual awards NTE \$250K. Responses due 11/17/11. For more info, contact Judy Jarnefeld at jj1@nyserda.org or go to:

<http://www.nyserda.org/funding/2331pon.asp>. Refer to PON# 2331.

18) Purchase of Environmental Attributes - New York

The New York State Energy Research and Development Authority seeks to procure the environmental attributes created by eligible generation resources under the Renewable Portfolio Standard Program. Responses due 10/13/11. For more info, contact rps@nyserda.org or go to:

<http://www.nyserda.org/funding/2389rfp.asp>. Refer to RFP# 2389.

19) Wood Pellet Boiler Heating Demo - New York

The New York State Energy Research and Development Authority requests proposals for the High Efficiency Wood Pellet Boiler Heating Demonstration. This RFP will support the demonstration and evaluation of high-efficiency and low emission wood-pellet boiler heating systems with hydronic thermal-storage and bulk pellet storage; air pollution control technology for commercial wood pellet systems; and pneumatic bulk pellet distribution systems. \$1 million expected to be

available. Responses due 11/30/11. For more info, contact Ellen Burkhard at nar@nyserda.org or go to: <http://www.nyserda.org/funding/2357pon.asp>. Refer to PON# 2357.

20) Biomass Heating Roadmap - New York

The New York State Energy Research and Development Authority requests proposals for the Development of a Biomass Heating Roadmap for New York. The Roadmap will address feedstocks and technologies that are currently being used, near-term technologies that are expected to significantly contribute, and promising future technologies that may make significant contributions in more than ten years. \$350K expected to be available, 1 award anticipated. Responses due 12/6/11. For more info, contact Judy Jarnefeld at jj1@nyserda.org or go to: <http://www.nyserda.org/funding/2329rfp.asp>. Refer to RFP# 2329.

21) K-12 Environmental Projects

Siemens Foundation and Discovery Education Launch request applications for the We Can Change the World Challenge for K-12 Students. Through this Challenge, Siemens invites students to team up with classmates under teacher/mentors to solve environmental problems in their school, community, and world. \$250K expected to be available, responses due 3/15/12. For more info, go to: <http://www.wecanchange.com/>. (RFP Bulletin 9/16/11)