

# Climate Funding Opportunities<sup>i</sup>

NOTE: These opportunities represent a snapshot of what is currently available (as of January 15, 2012).  
Future grant opportunities are contingent upon funding appropriations.

## National Scale Opportunities

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### ***NSF's Science, Engineering, and Education for Sustainability (NSF-wide investment area)***

NSF's Science, Engineering, and Education for Sustainability (SEES) program addresses the challenge of building a sustainable future through promoting research and education. SEES is expected to extend into FY15 with continuing research efforts to include global community sustainability; sustainable energy; modeling; vulnerability, resilience, and sensitivity to regional change; and public engagement. Since SEES is a NSF-wide investment area rather than an individual program, applicants are encouraged to check for updates to the collection of new and existing activities. Budget permitting, the Climate Change Education Partnership Program (CCEP), as well as the Ocean Acidification (OA) and the Water Sustainability and Climate (WSC) programs are expected to hold competitions in FY12.

**Eligibility:** Unrestricted

<http://www.nsf.gov/geo/sees/index.jsp>

FAQ: <http://www.nsf.gov/pubs/2011/nsf11039/nsf11039.jsp?org=NSF>

### ***NSF's Environmental Sustainability Program***

Funding Opportunity Number: PD-12-7643

The National Science Foundation's Environmental Sustainability program supports research promoting sustainably engineered systems that can support human activities, while sustaining the needs of natural systems. The four research areas in this program are: (1) Industrial Ecology; (2) Green Engineering; (3) Ecological Engineering; (4) Earth Systems Engineering. Climate change adaptation is listed as an area of interest within the Earth Systems Engineering research area. All proposed research should be based in engineering principles, while integrating aspects of environmental sustainability. Proposals should also include involvement of at least one graduate student in engineering research, as well as undergraduate students. Incorporating social, behavioral, and economic sciences into proposals is welcomed. Average annual award size is \$100K. With the total program funding of \$5.4 million, NSF is expecting to award approximately 45 grants.

**Eligibility:** Unrestricted

Application deadline is **5pm proposer's local time on Feb. 17, 2012**

<http://www07.grants.gov/search/search.do;jsessionid=G50hTgpf5phnZqgRXKW8zQ91wyGRqJrthm13k2jD6vntJqDQxJtN!2057934305?oppld=98373&mode=VIEW>

### ***National Science Foundation, U.S. Dept. of Energy, U.S. Dept. of Agriculture Decadal and Regional Climate Prediction using Earth System Models***

Funding Opportunity Number: 12-522

This funding opportunity supports interagency cooperation in dealing with climate change, how it is likely to affect our world, and how we can plan for its consequences. This opportunity calls for the development and application of "next-generation" Earth System Models that include coupled and interactive representations of such things as ocean and atmospheric currents, human activities, agricultural working

land and forests, urban environments, biogeochemistry, atmospheric chemistry, the water cycle, and land ice. This opportunity seeks scientists from varying disciplines (e.g. geosciences, social sciences, physics, chemistry, statistics, mathematics, and biological sciences). The long-term goal of this opportunity is to extend current Earth System Modeling capabilities to improve regional predictions regarding climate change through advanced understanding of the many different aspects of the climate system. National Science Foundation anticipates awarding 7 to 12 projects. Awards are expected to be in the range of \$300K to \$1M per year. Budgets are to be no more than \$3M, \$4M, and \$5M for 3-year, 4-year, and 5-year projects.

**Eligibility:** Universities and colleges, non-profit organizations, for-profit organizations, other federal agencies, and federally funded research and development centers.

Full proposal deadline is **5:00pm applicant's local time on May 11, 2012**

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf12522](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12522)

***Department of Commerce: National Oceanic and Atmospheric Administration (NOAA)  
FY 2012-2013 Broad Agency Announcement (BAA)***

Funding Opportunity Number: NOAA-NFA-NFAPO-2012-2003133

The purpose of this notice is to request applications for projects associated with NOAA's strategic plan and mission goals. The funded research, projects, or sponsorships must address one or more of the four mission goals in NOAA's strategic plan (Climate adaptation and mitigation and responding to climate and its impacts; Weather-Ready nation – society is prepared for and responds to weather-related events; marine fisheries, habitats, and biodiversity sustained within healthy and productive ecosystems; and resilient coastal communities and economies – environmentally and economically sustainable). Funding appropriation is dependent on FY 2012, 2013, and 2014 appropriations.

**Eligibility:** Institutions of higher learning, non-profit organizations, commercial organizations, international or foreign organizations or governments, individuals, state, local and tribal governments. (Universities with a NOAA joint or Cooperative Institute (CI) should submit an application through the CI).

Application deadline is **11:59pm Eastern Daylight Time on September 30, 2013**

<http://www.grants.gov/search/synopsis.do;jsessionid=72TbT8WHVvB1QnwMvs112InBYmB3F9vMjQrkRJHygmnBW0vw4sV!-408580364>

***NOAA's Restoration Center***

***Habitat Restoration in the Great Lakes***

Funding Opportunity Number: NOAA-NMFS-HCPO-2012-2003232

This funding opportunity provides federal financial and technical assistance to "ready-to-go" projects in U.S. Great Lakes Areas of Concern. These projects must be within an U.S. Great Lakes Area of Concern and must contribute to the delisting of the area. Successful applications will be those that 1) contribute to the delisting of fish and wildlife related beneficial use impairments in the Great Lakes Areas of Concern; 2) yield significant ecological benefits (especially those benefits robust to potential climate change impacts); 3) are shovel ready (also with feasibility studies available); 4) document community benefits such as improved opportunities for recreation, park use, or other tangible community benefits; and 5) demonstrate collaboration between different entities, such as government, public, private, and nonprofit groups. NOAA anticipates that up to \$5 Million may be available for Great Lakes coastal habitat restoration. Typical awards for habitat restoration are expected to range from \$1 Million to \$4 Million. Typical awards for engineering and design are expected to range from \$75K to \$350K.

**Eligibility:** institutions of higher learning; non-profits; commercial organizations; local, state, Tribal governments. Applications from federal agencies or employees of federal agencies are NOT eligible.

Application deadline is **11:59pm Eastern Standard Time on February 16, 2012**

<http://www.grants.gov/search/search.do;jsessionid=SyypPTBZRXWnVLJKPxNRSLndh4CRYqpTr3mGJjmqxmV5krCGpj3!-1784104149?oppld=137073&mode=VIEW>

### ***U.S. EPA Office of Water***

#### ***The Urban Waters Small Grants***

Funding Opportunity Number: EPA-OW-IO-12-01

The U.S. Environmental Protection Agency is soliciting proposals for projects that will contribute to improved water quality in urban areas. The Urban Waters Small Grants will fund research, studies, training, and demonstration projects that will advance the restoration of urban waters by improving water quality through activities that support community engagement, as well as other local priorities. Proposals should address water quality restoration, community priorities, and potential success/feasibility. The total estimated funding available for this grant program is up to \$3.8 Million, with \$1.8 Million currently available and \$2 Million estimated to be appropriated in FY12. Awards are not to exceed \$60K in federal funds. A minimum non-federal cost-share / match of \$2,500 is required.

**Eligibility:** States and local governments, territories, Indian tribes, public and private universities and colleges, public and private nonprofit institutions, interstate agencies, and intertribal consortia. Nonprofit organizations identified as Section 501(c)(4) are not eligible.

Application deadline is **4pm Eastern Standard Time on January 23, 2012**

<http://www.epa.gov/urbanwaters/funding/>

### ***National Institute of Environmental Health Sciences***

#### ***Climate Change and Health: Assessing and Modeling Population Vulnerability for Climate Change***

Funding Opportunity Number: PAR-10-235

This funding opportunity focuses on research applications to examine the risk factors of populations that are associated with increased vulnerability to exposures, diseases, or other adverse health effects related to climate change. These research applications may either involve applied research on specific hypotheses or research projects that develop general models or methods to address vulnerability. The ultimate goal of this funding opportunity is to inform climate change adaptation and public health decision-making.

Applications are anticipated to involve multi-disciplinary research teams. In addition, partnerships with public health officials, urban planners, and advocacy organizations are encouraged. The proposed project may not exceed two years in length. Since the size and duration of research projects are expected to vary, the total amount awarded will depend on the number, quality, duration, and costs of the applications received; however, no more than \$200K in direct costs allowed in a single year.

**Eligibility:** Institutions of higher learning; non-profits organizations (with and without 503(c)(3) designation); small businesses; tribally controlled colleges and universities; historically black colleges and universities (HBCUs); state, county, city, and tribal governments; public housing authorities; regional organizations; school districts; and non-domestic (non-US) entities (foreign organizations).

Application deadline is **5:00pm applicant's local time on May 24, 2012**

<http://grants.nih.gov/grants/guide/pa-files/PAR-10-235.html#SectionIII1A>

### ***The Wildlife Conservation Society's Climate Adaptation Fund***

In 2011, the Wildlife Conservation Society (WCS) provided 1-2 year grants ranging from \$50K to \$250K. The grants required a 1:1 match with a maximum of 50% of match funding from in-kind sources. WCS funded on-the-ground projects that focused on implementing conservation actions for climate adaptation at a landscape scale. These grants are expected to be carried over into 2012 with an RFP for the 2012 WCS

Climate Adaptation Fund to be released later this spring (expected late February or early March). The link below offers information regarding the 2011 funding opportunity, along with a link to the 2011 RFP.

**Eligibility:** U.S.-based (all 50 states and 6 territories) non-profit organizations with approved IRS 501(c)(3) status. Public agencies, tribal governments, and universities may partner with eligible non-profits to submit proposals

<http://www.wcsnorthamerica.org/ClimateAdaptationFund/tabid/4813/Default.aspx>

### ***Honor the Earth***

#### ***Building Resilience in Indigenous Communities Initiative***

Honor the Earth is a Native-led organization that works toward breaking the geographic and political isolation of tribal communities, as well as increasing financial resources for organization and change in the environmental sector. In conjunction with the Tides Foundation, Honor the Earth will award between \$1K and \$5K to Tribal non-profit (with 501(c)(3) status) organizations. The proposed project must address two goals: 1) supporting and forwarding development of culturally-based, indigenous solutions to climate change based on re-localizing food and energy economies, and 2) fostering restoration of traditional knowledge as a key adaptation and mitigation strategy to ensure a safe and healthy future for the next seven generations. Projects will be funded in two project areas: 1) Implementing renewable energy and energy efficiency/weatherization improvements, and 2) creating food security utilizing indigenous varieties and organic production.

Eligibility: Tribal non-profit organizations

Application deadline is **April 15<sup>th</sup>** (decisions made by early June) and **October 17<sup>th</sup>** (decisions made by late December).

Additional information regarding application process:

<http://www.honorearth.org/grantmaking/guidelines>

### ***The Rockefeller Foundation***

One of the foundation's current initiatives is developing climate change resilience in the areas of Asian urban environments, African agriculture, and US policy. As the foundation is a "proactive grantmaker," it does not accept proposals without staff invitation. The grant seeker must first submit a "funding inquiry form."

**Eligibility:** The foundation partners with governments, foundations, donors, NGOs, and private sector groups

**Funding inquiry form:** <http://www.rockefellerfoundation.org/funding-requests/funding-request.aspx>

**General information:** <http://www.rockefellerfoundation.org/what-we-do/current-work/developing-climate-change-resilience>

### ***The Kresge Foundation***

This foundation invests in work within the U.S. (as well as select initiatives in Canada) that revolves around the following strategies: 1) building the field of climate change adaptation, 2) fostering development of place-based adaptation strategies, and 3) informing and promoting climate-wise policies and practices. The foundation primarily accepts grants by invitation; however, preliminary applications can be submitted that includes background information about the proposal. If program staff determine that the project has potential for funding, the grant seeker will be asked to provide additional information.

**Eligibility:** U.S. based 501(c)(3) organizations (and Canadian equivalents), government entities

<http://www.kresge.org/programs/environment/adaptation-climate-change>

### ***Surdna Foundation***

This foundation invests in projects that support their program areas of Sustainable Environments, Strong Local Economies, Thriving Cultures, Community Revitalization, and Effective Citizenry. An example of a previous grant award is \$200K to the American Planning Association in FY2008 to aid U.S. planners with initiatives to integrate energy sustainability and climate change into contemporary planning practices. Another example is \$200K to the Coalition to Restore Coastal Louisiana in FY2010 to increase/strengthen local and national collaboration for the benefit of Louisiana coastal protection. Organizations are eligible for a max of three consecutive years of funding.

**Eligibility:** U.S. based non-profit organizations

There are no application deadlines. Grants are assessed three times a year (February, May, and September), and must be submitted three to four months prior to staff review.

<http://www.surdna.org/grants/grants-overview.html>

FAQ webpage: <http://www.surdna.org/grants/eligibility-a-faqs.html>

### ***Alfred P. Sloan Foundation***

This foundation offers grant assistance in 6 major program areas. Two such areas are the “Public Understanding of Science,” and the “Basic Research” areas. Through these programs, the foundation offers grants for high-quality, original STEM (science, technology, engineering, and math) research that benefits the scientific community, as well as increases the public understanding of relevant and complex scientific issues. The Public Understanding of Science program promotes using books, television, radio, film, theatre, and other media in order to engage the public in science and technology. A grant applicant must first submit a letter of inquiry that outlines the idea of the grant, since the foundation does not accept unsolicited grant proposals. If accepted, the applicant will receive notice to submit a full proposal for evaluation.

**Eligibility:** The foundation does **not** make grants to individuals, for-profit institutions, endowments, fundraising drives, political campaigns, or lobbying efforts for/against legislation. Institutions of higher learning and government entities have received project funding in the past.

There are no application deadlines. The foundation makes grants year-round.

Grant process information: <http://www.sloan.org/apply/page/2>

### ***The Rockefeller Family Foundation***

This foundation focuses on public education of the risks of global warming, conservation of natural resources, protection of health as affected by the environment, meaning implementation of environmental laws, and public participation in national environmental policy debates. Grant applicants must submit a letter of inquiry online. If accepted, the applicant will be invited to submit a full proposal for evaluation. Grants are usually in the range of \$25,000 – \$30,000 and are normally made to the same organization for no more than two consecutive years.

**Eligibility:** United States non-profit organizations engaged in “activities of national significance”

Program information: <http://www.rffund.org/grants/environment>

## Regional Scale Opportunities

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### ***Department of the Interior – Landscape Conservation Cooperatives (LCCs)***

LCCs are a network of partnerships working for the sustainability of America's land, water, wildlife, and cultural resources. Partnerships include federal, state, and local governments, tribes, universities, NGOs, landowners, as well as other stakeholders. These cooperatives (21 in total, representing different geographic areas of the country) build upon existing science and conservation efforts that preserve water and land resources, as well as cultural partnerships. Periodically, LCCs offer grants that support their core functions.

<http://www.doi.gov/whatwedo/climate/index.cfm>

### ***Bureau of Reclamation***

#### ***WaterSMART: Water and Energy Efficiency Grants for FY2012 – Western United States***

Funding Opportunity Number: R12SF80049

With the increasing set of water resource challenges (e.g. aging infrastructure, population growth, groundwater depletion, climate variability, etc.), the nation must be ready to address the ensuing competition, shortages, and conflicts that may arise. This funding opportunity invites applicants to leverage their resources through a cost-sharing program with the Bureau of Reclamation for large projects that will improve water/energy efficiency. Projects should address any of the following categories: 1) water and energy efficiency, 2) endangered species/habitats, 3) facilitation of water markets, 4) increased use of renewable energy, and 5) other activities addressing climate-related impacts on water. The award ceiling is \$1.5M for 3yr, phased projects, and \$300K for smaller, on-the-ground projects. The Bureau of Reclamation expects to award 50 expected grants.

**Eligibility:** States, Indian tribes, irrigation districts, water districts, other organizations with water or power authority. Federal government entities, institutions of higher learning, and individuals are NOT eligible. Projects must serve western US. States (AZ, CA, CO, ID, KS, NE, NV, ND, OK, OR, SD, TX, UT, WA, WY, and U.S. territories)

Application deadline is **4pm Mountain Standard Time (MST) on January 19, 2012**

<http://www07.grants.gov/search/synopsis.do;jsessionid=z026PGhLsGTpv1Nqkv85STM1HyQHfXMLw22DXmtrh0DjQ0tSTYJv!-64218969>

### ***National Institute of Environmental Health Sciences (NIEHS)***

#### ***Oceans, Great Lakes and Human Health***

Funding Opportunity Number: RFA-ES-11-013

Offered through the National Institute of Environmental Health Sciences (NIEHS) and the National Science Foundation (NSF), this grant targets applications that address harmful algal bloom research, as well as marine and Great Lakes pollution issues (e.g. chemical toxins, climate change aspects that affect human health, tool development to link developed oceanographic/Great Lakes models with less developed human health exposure and disease models). NIEHS and NSF intend to commit a total of \$1.8 million in FY12 to fund two to four awards. Application budgets are limited to \$400K in direct costs. Total project period may not exceed 5 years.

**Eligibility:** Higher education institutions, non-profit organization, for-profit organizations, government agencies (including federal, state, county, local, and tribal), faith or community based organizations, public housing authorities, and tribal organizations.

Application deadline is **5:00PM local time of applicant organization Nov. 22<sup>nd</sup>, 2011**

<http://www.grants.gov/search/search.do;jsessionid=QGnvTkpHf5pTWh4GSGcX07dntNvYc5hRjZJ09nKnWwKqvWP8gRnJ!347337819?oppld=122915&mode=VIEW>

(While this application deadline has already passed, it is an example of an organization that has offered climate-related funding opportunities in the past).

### ***Sustain our Great Lakes***

#### ***Community Grants Program Overview***

The Community Grants Program supports “on-the-ground” habitat restoration and enhancement projects that work to improve local habitat conditions and build local conservation capacity. Successful applications will include projects that 1) restore or enhance habitat at scales of tens of acres or thousands of stream feet; 2) Help build local conservation capacity by incorporating training components to habitat restoration work; 3) apply the majority of funding to “on-the-ground” habitat improvement work; 4) have completed planning, design, and engineering stages; and 5) include pre- and post-implementation monitoring to document habitat improvements. Grant awards will range from \$25K to \$150K. At this time, approximately \$1.5 Million will be available for the Community Grants Program.

**Eligibility:** Nonprofit 501(c) organizations; local, state, Tribal, and provincial governments; and education institutions. Federal agencies, individuals, and for-profit organizations are NOT eligible.

Application deadline for pre-proposals is **11:59pm on February 15, 2012**.

Application deadline for invited full proposals is on **April 25, 2012**

<http://www.sustainourgreatlakes.org/Apply.aspx>

### ***Sustain our Great Lakes***

#### ***Stewardship Grants Program***

The Stewardship Grants Program supports large scale, “on-the-ground” habitat restoration and enhancement projects that will have an enduring positive impact on the ecological condition of the Great Lakes basin. Successful applications will include projects that 1) restore or enhance habitats at scales of tens of acres or thousands of stream feet; 2) Apply the bulk (>90%) of funding to on-the-ground habitat improvement and minimize expenses for planning, design, and engineering; 3) have completed planning, design, and engineering stages to the extent that on-the-ground work can begin shortly after funding; 4) include pre- and post-implementation monitoring to document habitat improvements; and 5) provide long-lasting ecological benefits, as demonstrated by provisions for long-term management and maintenance. Grant awards will range from \$150,001 to \$1,500,000. At this time, between \$3 Million and \$7 Million will be available for grant awards.

**Eligibility:** Nonprofit 501(c) organizations; local, state, Tribal, and provincial governments; and education institutions. Federal agencies, individuals, and for-profit organizations are NOT eligible.

Application deadline for pre-proposals is **11:59pm on February 15, 2012**.

Application deadline for invited full proposals is on **April 25, 2012**

<http://www.sustainourgreatlakes.org/Apply.aspx>

### ***Lake Erie Protection Fund***

The Lake Erie Protection Fund provides small grants, up to \$15K, for projects which will provide a direct benefit to Lake Erie or its tributary watersheds in Ohio. This grant program requires at least a 25% match in funds. Projects must assist with the implementation of the Lake Erie Protection and Restoration Plan (2008), leading to better management decisions for environmental and economic development.

**Eligibility:** Nonprofit organizations (501(c)3); federal, states, and local governments; colleges and universities; local community groups

Applications are due by May 3, 2012 for consideration at the June commission meeting.  
<http://www.lakeerie.ohio.gov/LakeErieProtectionFund.aspx>

### ***Gaylord and Dorothy Donnelley Foundation***

This foundation offers grant opportunities to advance work in land conservation and artistic vitality in the 13-county Chicago Region and the 9-county Lowcountry of South Carolina. Eligible counties are shown on the maps here (<http://www.gddf.org/regionmap1.html> - Chicago region; <http://www.gddf.org/regionmap2.html> – South Carolina lowcountry). Their land conservation efforts focus on 1) preserving, restoring, and protecting strategic lands that contribute to regional ecosystem health; 2) building and supporting constituencies that value land stewardship by sustaining appropriate land uses (e.g. limiting sprawl, fostering regional land use planning); and 3) engaging young people with the natural world. If applicants believe that their project fits the foundation's interests, they must submit an application (rather than a formal proposal or letter of inquiry). If unsure, contact either John Sands (South Carolina - [jsands@gddf.org](mailto:jsands@gddf.org)) or Paul Botts (Chicago region – [pbotts@gddf.org](mailto:pbotts@gddf.org)) to discuss next steps.

**Eligibility:** The foundation does not typically make grants to public entities (therefore, unsolicited proposals are not accepted). Public entities should contact the foundation to discuss a project. Also, non-profit "operating foundation" groups (Type III organization under 509(a)3) are not eligible.

Application deadline is **12am Eastern Time on April 6, 2012** (for review in July 2012) or **12am Eastern Time on August 3, 2012** (for review in November 2012).

FAQ: <http://www.gddf.org/faqpage.html>

Grant information: <http://www.gddf.org/gapply.html>

### ***The Joyce Foundation***

This foundation supports funding opportunities in Great Lakes protection and restoration. The foundation supports opportunities in the following areas: on-the-ground restoration work that can be monitored, documented, and replicated; efforts to drive policy change by connecting policy advocates with decision makers and nontraditional stakeholders; Efforts to advocate for collectively developed policies at the federal, state, and local levels. Submitted proposals must address one of four areas: 1) Reduce polluted, non-point source runoff from both agriculture and built areas, 2) Protect and restore critical habitats such as wetlands through improved hydrology and other means, 3) Improve coastal health through increased use of green infrastructure and financing conventional infrastructure, 4) Implement the Great Lakes-St. Lawrence River Basin Water Resources Compact. The foundation will also consider proposals relating to implementation of local, state, and regional climate and energy plans.

**Eligibility:** Non-profit organizations

Application process: <http://www.joycefdn.org/content.cfm/application-process>

Program information: <http://www.joycefdn.org/content.cfm/guidelines-3>

### ***Bullitt Foundation***

The mission of the Bullitt Foundation is to protect the natural environment through promotion of responsible human activities and sustainable development in the Pacific Northeast. The foundations program areas include Ecosystem Services; Energy, Industry, and Technology; Urban Ecology; and Leadership and Civic Engagement. The foundation currently focuses grant making on the following strategies: 1) Fostering environmental coalitions and furthering collaboration; 2) Encouraging strong partnerships between grantees and local groups in the private, public, and tribal sectors to achieve broad consensus on issues of public interest; 3) Supporting state and regional offices of national environmental organizations whose resources can lend valuable expertise to make sure that local efforts are coordinated

with regional and national efforts; 4) Supporting credible research, monitoring, and analysis to ensure advocacy campaigns are grounded in the best available science; 5) Developing and promoting appropriate messages for public education. Previously funding projects include creation of a climate action plan for Montana (2006-2008). Grant applicants must submit a letter of inquiry online. If accepted, the applicant will be invited to submit a full proposal for evaluation.

**Eligibility:** Non-profit organizations in the Pacific Northwest (Washington, Oregon, Idaho, British Columbia, western Montana, and Coastal Alaska from the Cook Inlet to the Canadian border)

Grant making process: <http://bullitt.org/grantmaking>

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