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USAID's Partnerships for Enhanced Engagement in Research (PEER) Program

Office of Science and Technology
United States Agency for International Development



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Role of the U.S. partner

- Three types of collaborations:
 - Integrated or complementary
 - Parallel
 - Limited to training
- There could be a lot to gain for the US partner even they are not receiving PEER funds
- It is your responsibility to explain how you can mutually benefit from the collaboration
- Support letter from the US partner is **essential** (must be detailed not generic)



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Finding a U.S. Partner

- Existing collaboration:
 - Does your US contact have an NSF grant?
 - Does your US contact work closely with an NSF grantee?
- New collaboration: Use the NSF database
www.nsf.gov/awardsearch
- Database provide lists of all active grants, title, abstract and contact information of the NSF PI
- Check the **end date** of NSF award




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Use double quotes for exact search. For example "water vapor".

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The National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230, USA
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Start



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nsf.gov/awardsearch/simpleSearchResult?queryText=food+security+AND+agriculture&ActiveAwards=true

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NSF Organization
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Directorate for Computer & Information Science & Engineering (50)
Directorate for Geosciences(285)
Directorate for Engineering(243)
Directorate for Biological Sciences(537)
Directorate for Education & Human Resources (41)

Award Amount
Less than or equal \$50,000(154)
Between \$50,001 - \$100,000(96)
Between \$100,001 - \$500,000(806)
Between \$500,001 - \$1,000,000(240)
More than \$1,000,000(149)

Collaborative Research: WSC-Category 3: Crops, climate, canals, and the cryosphere in Asia - changing water resources around the Earth's third pole
Award Number:1038907; Principal Investigator:Mark Friedl; Co-Principal Investigator:Ian Sue Wing; Organization:Trustees of Boston University;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$224,014.00; Relevance:49.79;

Collaborative Research: WSC-Category 3: Crops, climate, canals, and the cryosphere in Asia - changing water resources around the Earth's third pole
Award Number:1038614; Principal Investigator:Karen Fisher-Vanden; Co-Principal Investigator;; Organization:Pennsylvania State Univ University Park;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$219,665.00; Relevance:49.79;

Collaborative Research: WSC-Category 3: Crops, Climate, Canals and the Cryosphere in Asia - Changing Water Resources around the Earth's Third Pole
Award Number:1038818; Principal Investigator:Steve Froliking; Co-Principal Investigator:Richard Lammers, Changsheng Li, Dominik Wisser; Organization:University of New Hampshire;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$827,492.00; Relevance:49.79;

Collaborative Research: WSC-Category 3: Crops, climate, canals, and the cryosphere in Asia - changing water resources around the Earth's third pole
Award Number:1039008; Principal Investigator:Regine Hock; Co-Principal Investigator:Sergey Marchenko; Organization:University of Alaska Fairbanks Campus;NSF Organization:EAR Award Date:10/01/2010; Award Amount:\$159,593.00; Relevance:49.76;

PIRE: Land Use, Ecosystem Services and the Fate of Marginal Lands in a Globalized World
Award Number:0968211; Principal Investigator:Christopher Neill; Co-Principal Investigator:Jerry Melillo, John Mustard, Leah VanWey, Sriniketh Nagavapur; Organization:Brown University;NSF Organization:IIA Award Date:09/01/2010; Award Amount:\$1,199,999.00; Relevance:48.61;

RAPID: Food security and community health during a period of transition
Award Number:1328245; Principal Investigator:Craig Hadley; Co-Principal Investigator;; Organization:Emory University;NSF Organization:BCS Award Date:08/01/2013; Award Amount:\$29,358.00; Relevance:48.37;

SEES Fellows: Living with locusts: Training an ecophysiologicalist to incorporate bioeconomic modeling and collaborative with applied food security and agricultural agencies
Award Number:1313958; Principal Investigator:Arianne Cease; Co-Principal Investigator;; Organization:Arizona State University;NSF Organization:CHE Award Date:09/01/2013; Award Amount:\$338,921.00; Relevance:48.16;

Doctoral Dissertation Research: Genetically Modified Vegetables: Transgenic Agriculture, Contested Knowledge, and Democratic Practice
Award Number:1324382; Principal Investigator:Kalyanakrishnan Sivaramakrishnan; Co-Principal Investigator:Aniket Pankaj Aga; Organization:Yale University;NSF Organization:SES Award Date:09/01/2013; Award Amount:\$11,705.00; Relevance:47.86;

Climate, Drought, and Agricultural Adaptations: An Investigation of Vulnerabilities and Responses to Water Stress Among Paddy Farmers in Sri Lanka
Award Number:1204685; Principal Investigator:George Hornberger; Co-Principal Investigator:Lanka Thabrew, James Fraser, Jonathan Gilligan, Amanda Carriço; Organization:University of Illinois;NSF Organization:EAR Award Date:09/01/2013; Award Amount:\$2,733,668.00; Relevance:47.64;

Start NSF Award ... 2013-11-25 ... FIC Frame... Document1 - ... Document2 - ... new research... R4L USAID - ... Microsoft Exc... 3:14 PM



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nsf.gov/awardsearch/showAward?AWD_ID=0968211&HistoricalAwards=false

Award Abstract #0968211
PIRE: Land Use, Ecosystem Services and the Fate of Marginal Lands in a Globalized World

NSF Org: [IIA Office of International and Integrative Activities](#)

Initial Amendment Date: August 31, 2010

Latest Amendment Date: December 6, 2012

Award Number: 0968211

Award Instrument: Standard Grant

Program Manager: DeAndra Beck
IIA Office of International and Integrative Activities
O/D OFFICE OF THE DIRECTOR

Start Date: September 1, 2010

Expires: August 31, 2014 (Estimated)

Awarded Amount to Date: \$1,199,999.00

Investigator(s): Christopher Neill cneill@mbi.edu (Principal Investigator)
Jerry Melillo (Co-Principal Investigator)
John Mustard (Co-Principal Investigator)
Leah VanWey (Co-Principal Investigator)
Sriniketh Nagavarapu (Co-Principal Investigator)

Sponsor: Brown University
BOX 1929
Providence, RI 02912-1929 (401)863-2777

NSF Program(s): PIRE, EXP PROG TO STIM COMP RES, ECOSYSTEM STUDIES

Program Reference Code(s): 5991, 7338, 7566, 9150, 9169

Program Element Code(s): 7742, 9150, 1181

ABSTRACT

One of humanity's greatest contemporary challenges is producing enough food to sustain human populations in developing regions while preserving naturally functioning habitats that provide key ecosystem services such as clean drinking water, biodiversity, carbon storage, and climate moderation. This PIRE project leverages substantial existing investments in Africa by the Millennium Villages Project (MVP) to mount an international and interdisciplinary study of this great challenge. One of the goals of the MVP is to increase food security by providing local populations in 14 Millennium Villages (MVs) with agricultural interventions such as mineral fertilizers and high-yield seeds. This PIRE project builds upon the MVP's rigorous ongoing evaluation of responses to this agricultural intensification and adds a new dimension of analysis by examining the impacts of the agricultural intensification on land use decisions, human well-being, and ecosystem services at the local and landscape levels.

This project focuses on two MVs, in Sauri, Kenya and Mbola, Tanzania. It also incorporates the wealth of data, including survey and field measurements and analyses of remotely sensed imagery, from all 14 MVs across Africa. There are three main experimental components of this project. First, the PIRE team will examine how agricultural intensification acts within communities using indicators such as land-use change, human well-being, ecosystem function, and biodiversity. Second, they will analyze the larger MVP dataset to examine how population

Abstract of the NSF grant

End date of NSF grant

Name and e-mail of the NSF PI



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Tips and Tricks

Basic email Guidelines

In your email to a new PI be sure to:

- Introduce yourself and your position
- Reference how you found PI (through paper and/or NSF database)
- State interest in research work (give facts that show you read their recent work)
- Explain proposal you are preparing for PEER Science
- Explain PEER Science program and requirement to collaborate with USG partner (include a link to the current [solicitation](#) and [FAQs](#))
- Explain how you think the PI's work would contribute to your PEER Science proposal
- State that you'd like to discuss collaborations further
- Include your contact and your expectation to hear back from the PI (set up a G-mail account and a LinkedIn profile)
- Include contact for the PEER Science program at the National Academies (peer@nas.edu) in case the PI has additional questions on the program



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How to apply?

- [Website](#) and [online application](#):
- **Homework:** making sure the proposed topic fits USAID priorities
- Find an NSF funded partner
- Prepare the application in a word document in advance
- Prepare the attachments (getting signatures takes time)
- Submit by the deadline: **January 13, 2014**



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Tips for a successful proposal (1)

- Is your research question well articulated?
- Are the objectives clear?
- Is your project feasible?
- Have you conducted a literature review of previous work?
- Is your expertise appropriate to carry out the work?
What about your US partner?
- Is the timeline appropriate?



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Tips for a successful proposal (2)

- Are there clear development impacts?
- Do they fit USAID priorities in your country?
- Does the project have broader impacts?
- Is there a training component? How many students?
Gender balance?
- Are local communities engaged?
- Is there an outreach/dissemination component?