**Position Announcement**

**Postdoctoral Research Fellowship: Carbon Neutral Landscapes in Hawaii**

**Announcement**: A postdoctoral research position is available for a quantitative ecologist and/or carbon cycle scientist to develop modeling approaches for developing pathways to landscape scale carbon neutrality in the Hawaiian Islands. We are seeking a researcher who can combine multiple data sources (mass and energy transfer budgets, global warming potential budgets for agricultural and natural ecosystems) into models directly applicable to the management of carbon sources and sinks. The successful applicant will work in a team to use in-situ measurements, remote sensing data, and modeling methods to evaluate the natural, agricultural, and societal sources and sinks of atmospheric greenhouse gases with the goal of moving Hawaii towards it’s legislated goal of being carbon neutral by 2045.

**Organization**: U.S. Department of Agriculture (USDA) Forest Science, Pacific Southwest Station, Institute of Pacific Islands Forestry (IPIF) in Hilo, Hawaii

**Location**: Hilo, Hawaii

**Qualifications**: Ph.D. in ecology, ecological economics, geography, sustainability science, climate policy, or equivalent and strong quantitative, modeling, and/or remote sensing analysis skills and experiences. Strong statistical, computer programming (e.g. Python, R, Web, etc.), and spatial analysis skills are also required. Desired qualifications include demonstrated experience in working with diverse collaborators, experience working in a group environment.

**Responsibilities**: Work in a team setting with scientists and collaborators in different locations across the country and with different background and expertise, develop models and scenarios, conduct analysis linking major sectors in global carbon cycle in the modeling framework, publish in peer-reviewed journals, conduct outreach with environmental management professionals.

**Work Environment**: In addition to working with the USDA Forest Service, successful applicant will work with researchers from other government agencies (USDA, USGS, Hawaii Division of Forestry and Wildlife), universities (Yale, UCLA, Stanford, UHM), NGO’s (The Nature Conservancy, Hawaii Green Growth Initiative, Hawaii Natural Energy Institute), other postdoctoral researchers, field technicians, graduate students, and undergraduate students.

**Compensation**: Funding for two years is guaranteed with the position.

**Application**: Please send a cover letter, statement of research interests, curriculum vitae, and two references with email addresses and phone numbers. Statement of research interests should include your accomplishments and how this position will help you achieve your career objectives. Please contact Dr. Christian Giardina by calling 1-808-315-1135 or emailing cgiardina@fs.fed.us for more information. Application materials should be submitted electronically to cgiardina@fs.fed.us. Applications will be reviewed beginning on November 22nd, 2018 and continuing until the position is filled. Expected start date is January 21th, 2019.