

Job Bulletin

Job Number	120146
Job Title	Postdoctoral Researcher
Project/Department	Biology-Global Change Research Group
Benefits Eligibility	Regular with benefits
FTE Percent	100
Advertised Salary	\$43,260
Job Responsibilities	<p>The post-doc selected will carry out research in Alaska as part of the NSF-funded project entitled: "Methane loss from Arctic: towards an annual budget of CH₄ emissions from tundra ecosystems across a latitudinal gradient", measuring CO₂ and CH₄ fluxes in several eddy covariance towers in Alaska (Barrow, Atqasuk, and Ivotuk). The post-doctoral scholar will be immersed in an international and stimulating environment, and be in contact with several research groups and large projects (such as NASA/JPL CARVE, Oechel Co-PI, that is currently collecting CH₄ concentrations and remotely sensed information with aircraft over the above mentioned eddy covariance towers). The research environment is intended to help facilitate the development of the post-doc into an independent, well networked, scientist.</p> <p>The responsibilities will include periods of field work in northern Alaska, measuring CO₂ and CH₄ fluxes with eddy covariance, processing of the eddy covariance data, guiding students and technicians. The post will also involve presentation of the research results to international meetings and the preparation of reports and manuscripts for publication in international journals.</p> <p>This position is renewed on an annual basis contingent upon funding availability.</p>
Minimum Qualifications	<ul style="list-style-type: none">• PhD in atmospheric, environmental science, or related field with an emphasis in ecosystem physiology and or modeling with experience in one or more of the following areas: eddy covariance, ecosystem modeling, micrometeorology, biogeochemical measurements of trace gas fluxes and/or plant physiological ecology, nutrient cycling measurements.
Required Knowledge, Skills, and Abilities	<ul style="list-style-type: none">• Ability to work in a collaborative, interdisciplinary team• Excellent oral and written communication skills.• Able to work independently and effectively in remote field

	conditions, under challenging weather conditions.
Standard Requirements	This description incorporates the most typical duties performed. It is recognized that other related duties not specifically mentioned may also be performed. The ability to report to work on time; follow directions from a supervisor; interact effectively with co-workers; understand and follow posted work rules and procedures; accept constructive criticism; for managers and supervisory personnel to lead and manage others; and to maintain a positive work atmosphere by acting and communicating in a manner so that you get along with customers, clients, co-workers and management.
Preferred Education/Certifications	
Preferred Experience/Special Skills	<ul style="list-style-type: none"> • Knowledge of biogeochemical cycles, eddy covariance technique, programming for data acquisition and data reductions (e.g. Campbell CR basics, etc.), eddy covariance instrument set-up and operation.
Working Conditions	Periodic travel to meetings for presentations/interaction (e.g. AmeriFlux, AGU) and travel to remote field sites with challenging weather conditions.
Job Close Date	11-30-2012
Additional Information for Applicants	Certain SDSURF positions must undergo background and other screening, which may include criminal history, credit history, health examination, fingerprinting, or other screening criteria which the SDSURF determines necessary for business purposes. Where such requirements are known, they will be stated in the job posting. By accepting a position with SDSURF, you are agreeing to undergo such screenings at any time during your employment with SDSURF if it is determined necessary for business reasons.
Bulletin Text	Application Procedures: Please submit a SDSU Research Foundation Employment Application online and other required documentation if applicable
Supplemental Questions	

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