

Post-doc opportunity: Global Reef Expedition - Remote Sensing Specialist

I seek to hire an outstanding post-doctoral researcher into my Remote Sensing and GIS lab (www.nova.edu/~purkis) at Nova Southeastern University's Oceanographic Center.

The project which you will work on is part of a collaboration between the Purkis lab and the Khaled bin Sultan Living Oceans Foundation (LOF). The successful candidate will play a senior role in the planning and execution of remote sensing operations for the LOF Global Reef Expedition. This ongoing initiative is visiting remote reef sites throughout the Pacific, Indian Ocean, and Red Sea – see globalreefexpedition.org. You will join several LOF cruises per year aboard the M/Y Golden Shadow, a 67-meter logistical support vessel, in order to collect ground-truth and geophysical data that you will use to develop high-resolution habitat and bathymetry maps, from Worldview-2 satellite imagery. You will also have the opportunity to address your own science questions related to this work. The project is exciting because of its large scale and you will be working with several tens of thousands of square kilometres of imagery per year. Starting in 2013, the position will see you visiting little-studied reef sites in the Pacific, before a shift in focus to the GBR and Coral Sea in 2014, with subsequent legs of the GRE moving through the Indian Ocean and finishing in 2016 in the Red Sea. We are looking to develop an exciting collegial atmosphere with a lot of scientific freedom.

The initial term will be for one year with the potential for renewal through 2017. The position will be at Nova Southeastern University's "Center of Excellence for Coral Reef Ecosystems Research" (CoE CRER) facility (www.nova.edu/ocean/excellence/index.html). This 10,000-square-meter CoE is located at NSU's Oceanographic Center and its National Coral Reef Institute (NCRI) on the ocean side of Port Everglades in Hollywood, Florida. Activities in this recently opened multi-disciplinary research building address national and international priorities in coral reef research.

Interested potential post-docs should send to purkis@nova.edu: (1) a curriculum vitae, (2) a few sentences on research interests and/or possible research projects, and (3) the names and contact information for three references. Interviews will commence upon receipt of application and will continue until the position is filled.

The candidate will be highly numeric and key factors in our hiring decisions will be creativity, motivation, productivity, and a record of successful scientific publication. The domain of your expertise will be remote sensing, GIS, and marine spatial planning. Nova Southeastern University is an equal-opportunity employer and does not discriminate based on race, sex, age, physical condition, or country of national origin.

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