

Postdoctoral Research Opportunities in Coral Reef Restoration and Ecophysiology

Wangpraseurt Lab, Scripps Institution of Oceanography, UC San Diego

The Wangpraseurt Coral Reef Ecophysiology & Engineering Lab at Scripps Institution of Oceanography, University of California San Diego, is seeking **1–2 exceptional postdoctoral researchers** to join our interdisciplinary team advancing the frontiers of coral reef restoration technology.

Position 1: Postdoctoral Scholar in Biomaterials for Coral Restoration

We are looking for a highly motivated scientist with expertise in one or more of the following areas: biomaterials, materials science, polymer chemistry, biochemistry, or natural product chemistry. The ideal candidate will have experience in designing and characterizing functional materials and an interest in applying their work to marine ecosystems.

Position 2: Postdoctoral Scholar in Coral Ecophysiology

We are also seeking a coral ecophysio­logist with a strong research background in coral growth, recruitment, symbiosis, and/or bleaching susceptibility. Candidates should demonstrate experimental proficiency from the molecular and cellular to organismal or colonial scales, grounded in a solid theoretical understanding of coral physiology.

General Requirements

All candidates must:

- Hold a Ph.D. in a relevant field.
- Demonstrate a strong publication record and independent research capabilities.
- Show a passion for developing **innovative, applied solutions to environmental challenges**.
- Be eager to work in a highly interdisciplinary, collaborative environment.

About the Lab

The Wangpraseurt Coral Reef Ecophysiology & Engineering Lab is an interdisciplinary research group combining marine biology, bioengineering, and materials science to develop next-generation tools for reef restoration and climate resilience. We collaborate with NGOs, startups, and government partners, with active and developing field sites in Hawai'i, Fiji, Central America, and Southeast Asia.

How to Apply

To apply, please send your CV and a cover letter to Dr. Daniel Wangpraseurt at dwangpraseurt@ucsd.edu. **Application review will begin on August 15, 2025.** The start date is flexible, and the position is offered as a two-year initial appointment, with the possibility of extension based on performance and funding.