

**From:** Carolyn Lundquist  
**Subject:** Post-doc in quantitative marine ecology

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Marine Ecologist - Quantitative Ecology - NIWA

We are advertising for a quantitative marine ecologist (3 year postdoctoral position) to join our NIWA Hamilton, New Zealand team – please contact me for further information at carolyn.lundquist@niwa.co.nz

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NIWA is a dynamic research organisation whose purpose is to enhance the economic value and sustainable management of New Zealand's aquatic resources and environments, to provide understanding of climate and the atmosphere and increase resilience to weather and climate hazards to improve safety and wellbeing of New Zealanders.

We are seeking an enthusiastic Marine Ecologist to contribute to NIWA's ecological research and consulting. You will have experience with modern quantitative approaches to ecology, such as decision-support tools and integration of empirical studies with theoretical and numerical modelling.

We require someone interested in both the theoretical and practical application of ecological principles to work with a group of marine ecologists focused on ecological resilience, biodiversity, ecosystem goods and services, meta-communities and habitat fragmentation.

Work will involve:

- Use, development or modification of specialist software for marine ecological and biodiversity applications
- Compilation and use of large and complex data sets
- Statistical analysis and application of quantitative ecological models
- Preparation of technical reports and papers for publication in peer-reviewed international journals.

This three-year, fixed-term position is at a Post Doctoral level.

Applicants will have a PhD in marine or biological sciences with a strong theoretical and practical background in marine ecology and knowledge of marine ecological concepts. Experience in the planning, implementation and completion of quantitative ecological research and skills in quantitative ecological modelling using a range of quantitative ecological software packages is required.

Job Details

Crown research institute NIWA  
Reference # 20455  
Posted on Dec 8, 2016  
Closes on Jan 15, 2017  
Location(s) Hamilton  
Expertise Marine & Freshwater Science  
Job level(s) Post doctorate scientist  
Work type(s) Fixed term