**CSIRO Postdoctoral Fellowship – Marine socioecological modelling and oceanic size spectra**

* **An exciting opportunity to conduct novel research with real-world impact!**
* **Develop cutting edge modelling approaches that will advance practical ecosystem based management globally.**
* **Join world leading researchers at CSIRO Oceans & Atmosphere, and kick-start your career!**

**The Position**

CSIRO offers PhD graduates an opportunity to launch their scientific careers through our Postdoctoral Fellowships. These fellowships provide experience that will enhance career prospects and facilitate the development of potential leaders for CSIRO.

The overall objective of this project will be to evaluate current approaches and develop new methodologies for representing human behaviour with global and regional Australian size-based ecosystem models to improve integrated ecosystem assessment in the oceans and coasts and improved understanding interdependence of people and their role in shaping ecosystem structure, function and dynamics.

In this role you will extend global dynamic size-spectrum models to include the human part of the combined socioecological system, with a focus on developing a whole of EEZ model for Australia first, and subsequently extending the approach to a global context (thus contributing to ongoing global-scale modelling work).

**Location:** Hobart, Tasmania  
**Salary:** AUS$81K - AUS$88K plus up to 15.4% superannuation  
**Tenure:** Specified term of 3 years  
**Reference:** 26223

**To be successful you will need:**

* A doctorate (or will shortly satisfy the requirements of a PhD) in a relevant discipline area, such as quantitative marine ecology, fisheries, physics, economics or sociology.
* Experience with high level of quantitative skills, data assimilation and statistics
* Experience with fleet dynamics, bio-economic or other human behavioural modelling
* Experience with quantitative marine single-species or ecosystem models
* The ability to work effectively as part of an interdisciplinary, regionally dispersed research team, plus the motivation and discipline to carry out autonomous research.

***NOTE: Owing to terms of the fellowship, candidates must have no more than 3 years full-time postdoctoral research experience.***

**Who we are:** [The Commonwealth Scientific and Industrial Research Organisation (CSIRO)](http://www.csiro.au/)

AT CSIRO WE INVENT THE FUTURE - We do this by using science and technology to solve real issues. Our solutions make a difference to industry, people and the planet.

As Australia’s national science agency, we’ve been pushing the edge of what’s possible for almost 90 years. Today we have thousands of talented people working across Australia and internationally. Our people work closely with industry and communities to leave a lasting legacy. Collectively, our innovation and excellence places us in the top ten applied research agencies in the world. - WE COLLABORATE TO INNOVATE

[**CSIRO’s Ocean and Atmosphere**](http://www.csiro.au/en/Research/OandA/About) research is uniquely placed to deliver significant economic, social and environmental benefits for Australia and the region. We seek to secure Australia’s future through our seas and skies.

**Before you apply, please view the full position details and selection criteria click here:** [Position Details Document](http://www.csiro.au/~/media/Positions/2016/OnA/26223-CSIRO-Postdoc-Fellowship-Human_Socioecological-BSS.docx)

**Applications Close:** 11:59pm AEST, 31 October 2016

**To apply on-line visit:**