* **Do you have an understanding of systems modelling?**
* **Practise modern approaches to science-management & societal interface**
* Join CSIRO – Australia’s premier science & technology research organisation

**The Position**

CSIRO’s Oceans & Atmosphere is seeking to appoint a Coastal Systems Modeller

This position will provide you with opportunities to play a key role in the development of a strong program of research within a multi-disciplinary group of about 30 scientists in this vital area of Australia's coastal-marine research.

**Find out more by** **viewing the full position description and selection criteria here:  Position description**

**Your duties/responsibilities will include:**

* Incorporate novel transdisciplinary approaches to scientific investigations by adapting and/or developing original concepts and ideas for new, existing and further research.
* Assist in the application of the socioecological eco-system modelling frameworks, as well as multispecies/ecosystem models of intermediate complexity (MICE), so as to understand and predict the responses of marine and coastal systems to natural and anthropogenic changes.
* Analyse and collate socio-economics, biophysical, geochemical data to improve system models and the understanding of land-sea connectivity

**Location:**      St Lucia Brisbane QLD
**Salary:**          $109K - $128K plus up to 15.4% superannuation
**Tenure:**        Indefinite
**Reference:** 56039

**To be successful you will need:**

* Doctorate with postdoctoral or substantial research experience in natural & human systems modelling (preferably socioecological systems with a natural resource management focus)
* Research experience in systems modelling in aquatic or coastal ecosystem or equivalent research experience in a relevant discipline area (including model development but also interaction with system users, resource managers and others who use the tools or the output from them)
* A demonstrated capacity to develop analytical and quantitative tools that help with the implementation of natural resource management (e.g. development of models, including the construction of the models and R tools for developing input files or output visualisation tools)

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

**We imagine. We collaborate. We innovate.** At CSIRO, we do the extraordinary every day. We innovate for tomorrow and help improve today – for our customers, all Australians and the world. We do this by using science and technology to solve real issues. Diversity is the compass that navigates our innovation. We provide an inclusive workplace that respects, values and actively pursues the benefits of a diverse workforce.

We work flexibly at CSIRO, offering a range of options for how, when and where you work. Talk to us about how this role could be flexible for you.  Find out more [Balance](https://www.csiro.au/en/Careers/A-great-place-to-work/Work-life-balance)

**How to Apply:**  If you wish to apply for this position, please load your CV (Maximum 2MB) via our website at <https://jobs.csiro.au/>. You may also be required to respond to some screening questions.

**Applications Close:**  11:59pm AEDT, DD MMMM 2018