# Prof Peter Fairweather

## Research Interests

**Ecology of marine habitats in coastal environments**

## Qualifications

**BSc (Honours Class I) & PhD (Uni. of Sydney)**

**Professor of Marine Biology**
**School of Biological Sciences**
**Faculty of Science & Engineering**

**Room 018, Biological Sciences**
**8201 5021**
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As a quantitative ecologist specialising in field assessments of ecological variation using well-designed sampling & manipulative experiments, Peter strives to seek out the true nature of marine ecosystems & human impacts on them.

Peter's research interests span the ecology of marine habitats in coastal environments. In particular, he has been concerned for the last seventeen years with the assessment of human impacts (such as water pollution, recreational effects & the harvesting of resources) on invertebrate assemblages.

***Current Research Projects***

Peter's current research activities include:

- studies of food webs in a variety of coastal marine & estuarine ecosystems, especially examining whether upwelling can affect intertidal assemblages (ARC Discovery funding)
- human impacts as disturbances (ARC Linkage, Coasts & Clean Seas funding)
- ecological monitoring via the use of bioindicators of ecosystem health (mainly private industry funding)
- scaling issues & patchiness of biological community structure of a wide range of biota from algae to cetaceans.

***Research Collaborations and Partners***

SARDI – Peter is a key researcher in the MISA (Marine Innovation SA), & the Coorong, Lower Lakes & Murray Mouth (CLLAMM) Ecology Projects

***Professional Affiliations***

***Committees***

- Director of the Lincoln Marine Science Centre
- Editorial Board of the international journal, *Marine & Freshwater Research,* 2003 to present
- Editorial Board of the *Australian Journal of Ecology;* 1987 to 2000
- inaugural Editorial Board of the journal *Ecological Management & Restoration, 1999 – present*