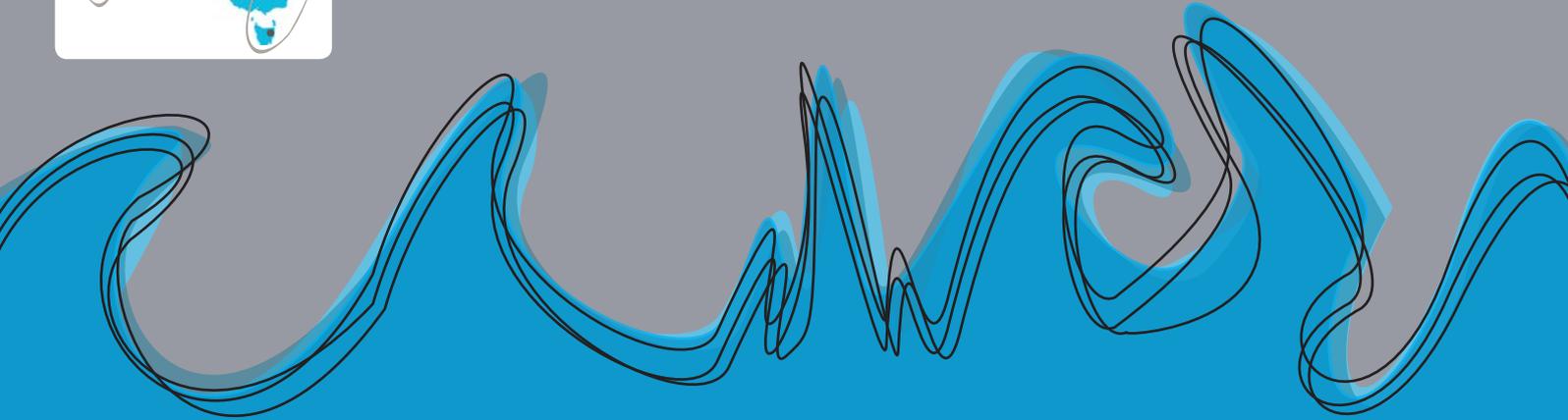
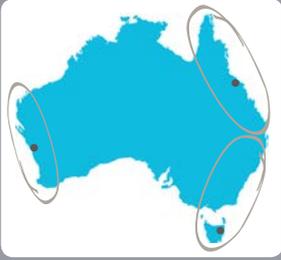


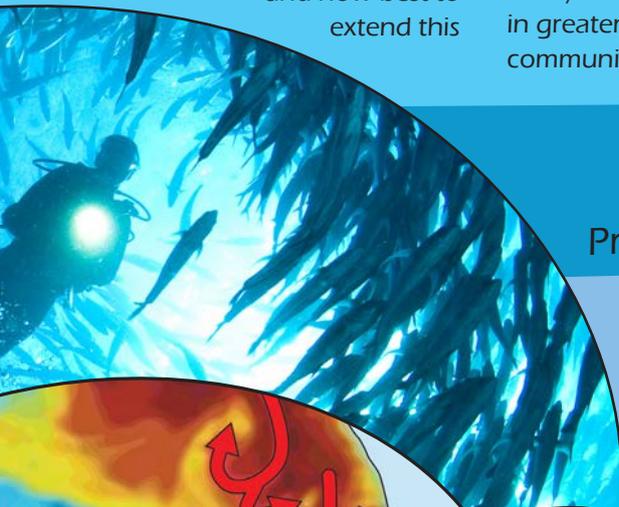
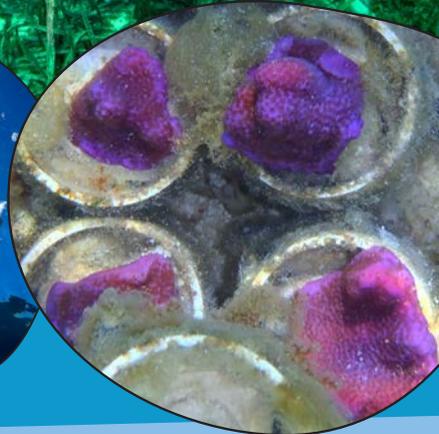
Climate Change Adaptation: building industry and community knowledge



Project Background

Much information is produced about climate change. Despite this, the material can be complex and difficult to understand. As there are a number of marine research projects underway around Australia focusing on climate change and adaptation (NARP FRDC) there was a need to better understand the information required by coastal communities and how best to extend this

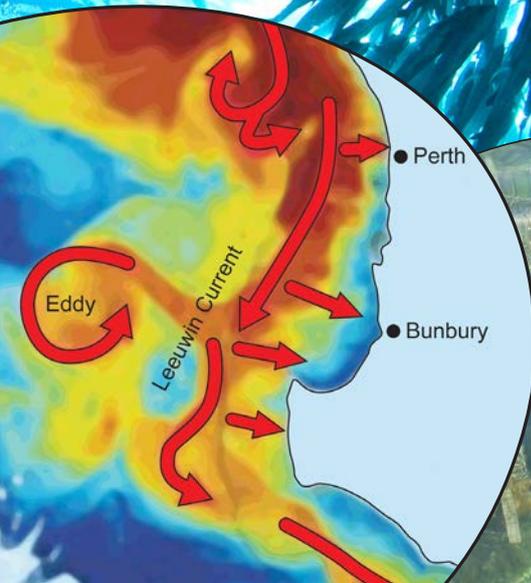
research into coastal and particularly fishing communities. This project is looking at opportunities to integrate research knowledge and provide information that is easily understood, more regionally focused and industry relevant. The project also has close links with the communities blueprint project (FRDC 2010/542) which is engaging in greater detail with coastal communities.



Project Outline

This project focuses on 3 study areas: St Helen's in Tasmania, Bowen in Queensland and Geraldton in Western Australia. It is investigating what people in coastal fishing communities

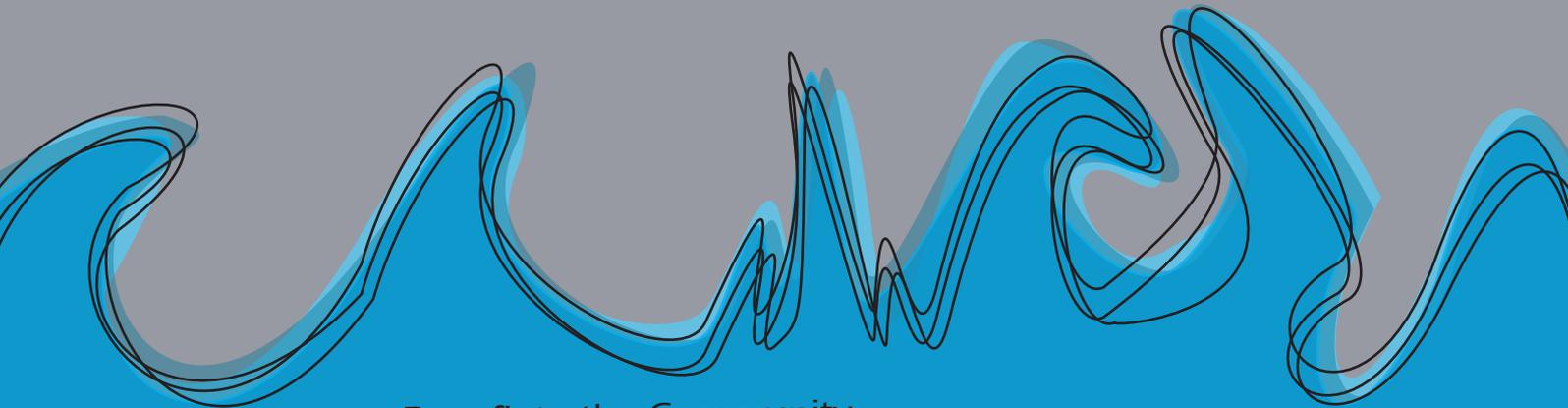
would like to know about climate change, increasing the knowledge and understanding of these issues and looking at possible adaptation measures open to local communities, particularly fishing communities.



Outcomes

The project will increase climate change knowledge and understanding in 3 coastal regions in community and marine-related industries. The project supports the

Community Blueprint Project (FRDC 2010/542) which is developing a coastal adaptation blueprint and will help to distribute the relevant research to these coastal regions.



Benefit to the Community



The project will assist in understanding some of the barriers to climate science uptake and look beyond the traditional methods of community engagement to move beyond these barriers. It will provide information that is

more relevant to the local coastal fishing communities by better understanding the type and content of information required and to deliver this information to maximise opportunities for climate change and adaptation strategies.

More Info



- www.frdc.com.au/knowledge/Factsheets/Factsheet - Fisheries Climate Change.pdf
- <http://climatecommission.gov.au/basics/climate-change>
- www.oceanclimatechange.org.au/content/index.php/2012/home
- www.cmar.csiro.au/climateimpacts
- www.nccarf.edu.au/marine
- www.climatechange.gov.au/publications/coastline/east-coast-rock-lobster.aspx
- www.redmap.org.au

Caputi N, Pearce A and Lenanton R (2010) Fisheries-dependent indicators of climate change in Western Australia WAMSI Sub-project 4.2.3. Fisheries Research Report No. 213. Department of Fisheries, Western Australia. 36pp.

Pearce A, Lenanton R, Jackson G, et al. (2011) The "marine heat wave" off Western Australia during the summer of 2010/11. Fisheries Research Report No. 222. Department of Fisheries, Western Australia. 40pp.

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Photo credits: J. Shaw, S. Conway, T. Basile, WAMSI, Department of Fisheries



The National Climate Change Adaptation Research Plan (NARP) for Marine Biodiversity & Resources identifies research priorities in five sectoral areas: marine aquaculture, commercial & recreational fishing, conservation management, tourism & recreational uses, and cross-cutting issues.

