

Maths takes you places...



'Maths might seem an unlikely hero, but when it comes to understanding and protecting complex ocean ecosystems, it is a powerful and important tool.'

- Dr Martin Marzloff



Maths – an unsung hero

French scientist, Dr Martin Marzloff, who did his PhD in Tasmania, says maths is essential for understanding the dynamics of Tasmania's temperate reef ecosystems, and fending off attack by an invasive sea urchin.

These models defined 'tipping points' – for example; how many large lobsters (urchin predators) were needed to prevent the barrens forming.

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Going places

The CSIRO-UTAS PhD Program in Quantitative Marine Science (QMS) is offered through the University of Tasmania's specialist Institute for Marine and Antarctic Studies and CSIRO Marine and Atmospheric Research.

