



**MATHS MIGHT SEEM AN UNLIKELY HERO, BUT WHEN IT COMES TO UNDERSTANDING & PROTECTING COMPLEX OCEAN ECOSYSTEMS, IT IS A POWERFUL & IMPORTANT TOOL.**

*- Dr. Maria Bartolf*

## MATHS – AN UNSUNG HERO

MATHS TAKES YOU PLACES...

 **TASMANIA**

Here's scientist Dr. Maria Bartolf who studies fish in Tasmania, says maths is crucial for understanding the dynamics of Tasmania's temperate reef ecosystems, and finding of solutions to an invasive sea urchin.

These studies define 'fishing limits' - for example, how many large urchins (and other animals) were needed to prevent the larvae forming.

The **CRICOS-0143** PhD Program in Quantitative Marine Science (2020) is offered through the University of Tasmania's specialist Institute for Marine and Antarctic Studies and CRICOS Marine and Atmosphere Research.

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