Session 2: Indigenous Pedagogies in Science



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ATSIMA



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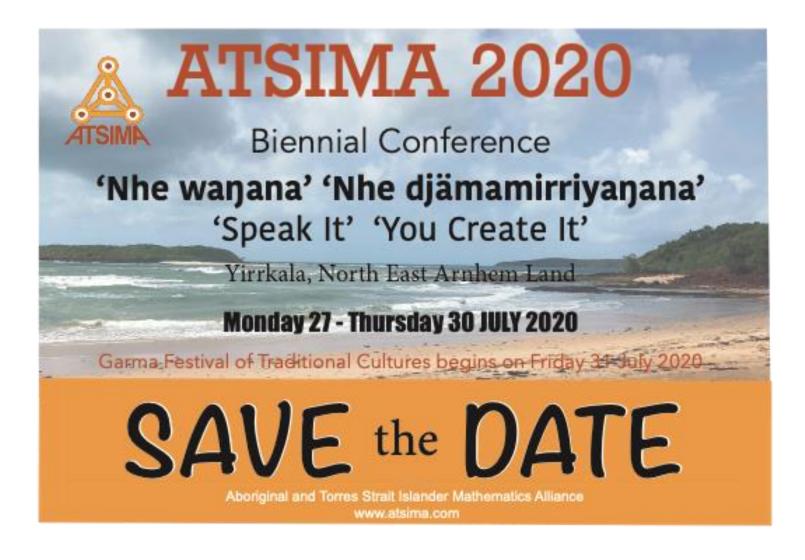




Dr Michael Donovan, Macquarie University

ATSIMA 2020 Biennial Conference





The Scientific Method

Problem

Identify the problem (question)

Collect information

Form a hypothesis

Procedure

Test the hypothesis
Experimental Design

Observations & Data Make observations
Assemble tables and graphs

Conclusions

Support or reject hypothesis based on data Report and publish results

The Bachelor of Science (Extended) ... an alternative pathway into a STEM future

What we set out to do

- Provide an alternative pathway into the BSc
- Adopt an interdisciplinary approach, including Indigenous knowledge
- Support individual student skill enhancement
- An integrated model of support









