



Sea Urchins and PST accumulation during live exposure

Lead Agency: Institute for Marine and Antarctic Studies (IMAS)

Funding: \$150,000.00

Start Date: 24 September 2025 End Date: 01 July 2027

Status: CURRENT

Aims and Objectives:

This project is being managed by FRDC with contribution from AIRF.

For a full project outline and the latest updates, refer to: [Are sea urchins at risk of accumulating paralytic shellfish toxins during exposure to live microalgae? | FRDC](#)

The objectives are to:

1. Determine whether there is a risk of PST uptake by Shortspined and Longspined sea urchins from two different toxic algal sources.
2. If there is PST uptake, identify whether toxins accumulate in the viscera or the roe of the urchins.
3. Provide recommendations for a review of Australian biotoxin testing export requirements for urchin roe.