

Abalone Industry Reinvestment Fund (AIRF)

Centrostephanus Response Strategy

Lead Agency: CSIRO

Funding: \$138,000

Start Date: 1 November 2019

End Date: February 2023

Status: COMPLETED

Aims and Objectives:

The proposed Centrostephanus response strategy will provide the formal instrument for guiding Centrostephanus management in Tasmania. It may or may not be formally endorsed as a management plan under *The Living Marine Resources Management Act 1995*, but will guide State government response and inform and align with the response efforts of other governments, industry, researchers and communities in a manner similar to the Integrated Pest Management approach that underpins the Crown of Thorns Starfish strategy.

The strategy seeks to provide a comprehensive, integrated and action-oriented framework to achieve the following three strategic objectives:

1. Stop growth of existing barrens;
2. Prevent establishment of new barrens;
3. Promote recovery of full barrens.

The strategy will address the full suite of potential management response options in the near and longer term. It will bring together knowledge, expertise and resources from a range of sources to address the threats posed by Centro. It will emphasize the importance of results in the water that directly contribute to the strategic objectives.

The strategy would comprise the following components:

1. A review of existing knowledge;
2. Reasonable and immediate management responses given the strategic objectives and the state of knowledge;

3. Assessment of the feasibility of achieving stated objectives.
 - Identification of the knowledge/technology gaps that must be filled;
 - A medium-long term management and research strategy;
 - Identification of the knowledge/technology gaps that must be filled;
 - Future control technologies.

Key Considerations:

The strategy will consider, and to the extent feasible, address the following key dimensions of *Centrostephanus* management: i) Biological and Ecological Dimensions, ii) Social and Economic Dimensions, iii) Management Dimensions, iv) Knowledge Gaps.

[Final Report](#)