

MMCP Collaboration

How can improved knowledge of the relationships between flows, ecological condition and responses be used to guide environmental water planning and management?

This synthesis paper is a response to a question posed by the Murray-Darling Basin Officials Committee (BOC) in 2016, in relation to influencing management of environmental watering through science. The objectives of this theme within the MMCP is to help the BOC address specific questions as they arise. These questions will have relevance to the on-going management of Basin Assets.

Effectiveness

- Adaptive management principles.
- Monitoring programs to assess effectiveness and reduce uncertainties.

Context

- Scientific knowledge is an important input to policy and management decisions.
- Adaptive approach operates at multiple temporal and spatial scales.

Efficiency

- Delivering the maximal environmental benefit per unit investment in environmental water.
- Identifying through monitoring which watering actions have been effective.
- Identifying novel delivery strategies such as works and measures programs.
- Opportunities for achieving multiple benefits.

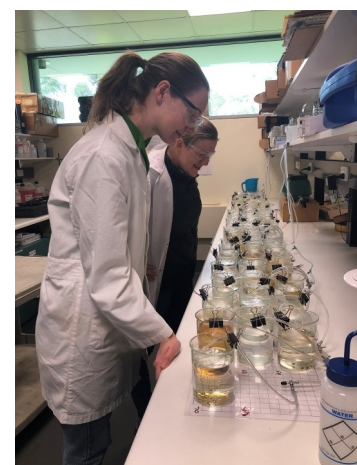
Managing risks

- Threats and impacts associated with algal blooms and blackwater events.
- Triggering fish kills.
- Triggering poor water quality.

Further information

MMCP Collaboration (MMCP) is a project supported by the Joint State Governments and the Murray-Darling Basin Authority to generate and adopt freshwater ecological knowledge through collaboration, to maintain research capability and contribute supporting science to underpin the Basin-Wide Watering Strategy.

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