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[O10 Pathways to impact for ecosystem services in decisions](#)

## **Climate change impacts and adaptation pathways on key regional ecosystem services in the Wet Tropics NRM Cluster Region, Australia.**

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Climate change alters the functions of ecosystems and as a result, the provision of ecosystem services and wellbeing of people that rely on these services. The concept of ecosystem services is aimed at supporting this broad and open dialogue in ways that allow potential synergies and tradeoffs among social, economic and ecological objectives to be identified and addressed with due reference to the multiple perceptions that people have about benefits and beneficiaries from the environment. In this paper we discuss insights about the impacts of climate change on key regional ecosystem services for the Wet Tropics. Syntheses of published ideas and approaches are presented with key climate change messages for NRM groups to enable them to incorporate into their new regional plans for the Wet Tropics Cluster Region.

*Keywords:* Climate change, tropics, carbon abatement, adaptation options