



WAMSI Project 1.2.2. Key biological indices required to understand and manage nesting sea turtles along the Kimberley coast

Status Final Stages

Aims To increase knowledge of marine turtles in the Kimberley by mapping spatial and temporal distribution, defining genetic stocks, predicting potential impacts of climate change and using both western science and traditional knowledge.

Relevance The Kimberley has around 12000 km of coastline and 2500 islands. There is a lack of fundamental marine turtle knowledge including the locations and timing of nesting by each species. In addition, there is a lack of genetic samples from this region for stock analyses of green and flatback turtles which will provide better insight into stock boundaries. This project is timely and will assist the managers of the four new marine parks to prioritise turtle research and monitoring throughout the Kimberley.

NWSFTCP code OA R 2

Partners DBCA, UWA, CSIRO, Griffith University, Pendoley Environmental