



Swimming and diving performances of inter-nesting flatback turtles

Status Starting

Aims Daily diaries (i.e. data loggers collecting accelerometry data, orientation data and swimming performance data) will be deployed on female flatback turtles in order to collect the first fine scale data on their diving behaviour and swimming performances.

Relevance No fine scale data on diving behaviour and swimming performances exist for flatback turtles. This is surprising considering that over 200 papers are available for all other species of turtles and their diving behaviour, swimming speeds, etc, have been studied in detail. An understanding of the diving behaviour and swimming performances of free-ranging flatback turtles is critical to understand their basic at-sea ecology and biology and in turn mitigate the impact of anthropogenic threats such as lights, dredging, and oil spill on this species.

NWSFTCP Code NdS OA R11

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