

**Concept Plan SP 2017-056**

**Current and future habitat availability for WA  
marine turtles : State-wide study of sand  
temperatures**

**Marine Science**

**Project Core Team**

**Supervising Scientist**

Sabrina Fossette-Halot

**Data Custodian**

Sabrina Fossette-Halot

**Site Custodian**

**Project status as of Feb. 4, 2020, 9:49 a.m.**

New project, pending concept plan approval

**Document endorsements and approvals as of Feb. 4, 2020, 9:49 a.m.**

**Project Team**

granted

**Program Leader**

granted

**Directorate**

required

# Current and future habitat availability for WA marine turtles : State-wide study of sand temperatures

## Biodiversity and Conservation Science Program

Marine Science

## Departmental Service

None

## Aims

To monitor sand temperature on key nesting beaches throughout the North West Shelf to document current thermal characteristics of nests and nesting habitats.

## Expected outcome

The main outcome from this project will be a dataset of current sand temperature from key beaches throughout the North West Shelf.

This dataset can be used as baseline data for future studies on the impact of temperature on turtle survival and also be used to build sand temperature models.

## Strategic context

This project fulfils objectives NdS P3 M and NdS OA R7 of the NWSFTCP Strategic Conservation Plan 2014-2021.

## Expected collaborations

This project is in collaboration with regional offices and rangers groups throughout the state to help deploying and retrieving loggers.

## Proposed period of the project

Nov. 1, 2016 – June 30, 2019

## Staff time allocation

Role	Year 1	Year 2	Year 3
Scientist	0.02	0.02	0.02
Technical			
Volunteer			
Collaborator			

## Indicative operating budget

Source	Year 1	Year 2	Year 3
Consolidated Funds (DPaW)			
External Funding	28,508	8,193.90	