



EIGHT: providing links to climate change science

Task group planning:

Task group 8	Providing links to climate change science
Task group leader	Matthew Witt
Task group leader contact details	m.j.witt@exeter.ac.uk
Task group members (email in parentheses afterwards please)	Michael Coyne (mcoyne@seaturtle.org) Scott Eckert Lara Hansen Lucy Hawkes (lhawkes@wwfca.org) Phil Kramer Jeremy Weiss
Task group aims	<ul style="list-style-type: none"> i) To create links between the science behind climate change and the ACT initiative ii) To provide latest climate science to feed into climate-ecology predictions for turtles

Potential partner / data source	Location (Please complete)	Contact (please complete)
1	IPCC	Matthew Witt
2	Sea surface temperature data (NOAA, GODAE)	Michael Coyne / Open access
3	Ocean bathymetry (GEBCO)	Open access
4	Chlorophyll (MODIS SEAWiFS)	Open access
5	Surface currents (AVISO)	Open access

I. Introduction

I.1 Group outputs

This task group is smaller and has fewer activities than the other groups. It also consists of no data reviews, but rather a professional connection to latest climate data to ensure that climate-ecology studies or reviews carried out under this initiative are grounded in the best available science. Matthew Witt has an established data connection with the IPCC climate models and has therefore been selected to lead this task group.

1.2 Special requirements

None known of at this time.

1.3 Management and technical constraints

No management constraints are anticipated. Technical constraints may be server size for downloading and storage of climate models and data. Mathew Witt to advise as project proceeds.

2. Project estimates

2.1 Previous known work

None in existence that specifically provide climate data as an interface with sea turtle ecology.

2.2 Cost, effort and time estimates

IPCC data and models are free. However, there may be a need for a trip by Matthew Witt to visit climate centres which should be sought where possible from future grants.

2.3 Are you aware of any ongoing funding for this work?

Not aware of any funding, but applications have been submitted by WWF Central America to seek relationships with climate modelling centres in the Caribbean.

2.4 Project resources required

None at this time.

3. Risk assessment

3.1 Project risks, probability and impact

Data must be managed appropriately, may require some hardware support for Matthew Witt.

3.2 Risk mitigation

Data loss could occur. This could be mitigated through server backups, Matthew Witt to advise as project proceeds.

4. Project schedule

4.1 A framework of activities and tasks for this task group are shown on the next page.

4.2 Project task dependencies

To be completed

4.3 Timeline for project outputs

To be completed

Activities	Project Outputs	Indicator	Baseline Value	Predicted Value Project Output
<p>Compile list of data holding agencies and climate modelling centres for global, regional and local scale climate models</p>	<p>Searchable Excel database</p>	<p>Excel database complete</p>	<p>IPCC data and models categorised to regions</p>	<p>This output allows interested parties to access the most appropriate and local sources of climate data. It also directs them to the most appropriate party.</p>
<p>Provide framework for contact for other ACT task groups and interested parties to form climate science collaborations</p>	<p>Formal protocol document</p>	<p>Consent agreed</p>	<p>None</p>	<p>Real climate data models available to feed into climate-ecology studies</p>

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5. Group structure

5.1 Roles in the task group: who is responsible for what?*

5.2 How will you coordinate this group?

5.3 Mechanisms for reporting and communication (how will group members report to you and how often can you communicate this back to the initiative (as coordinated by Lucy))*

6. Monitoring

6.1 How do you propose to monitor progress?

6.2 Can you propose some indicators of progress (milestones for achievements of the various missions)?

7. Appendix

Supplementary information here

Other important information you feel needs to be communicated

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