



# Welcome to the Adaptation Toolkit!

## 1. Ready, steady, go...

### What's in the box?



## 2. Getting to know your Toolkit

### Basic features

Why? What? Where? How? - the Toolkit has answers to your climate change adaptation questions:

- What are the potential impacts of climate change on marine turtle habitats and why should I be concerned about them?
- Where can I look up future climate scenarios for a particular location?
- What is adaptation?
- How can I help a coastal community improve its well-being?
- What sort of adaptation measures could I implement?
- How can I monitor temperature at a nesting beach?
- Where can I find an example of community-based adaptation at a sea turtle nesting beach in Latin America?
- Where can I read about oceanography, climate and adaptation options for marine biodiversity of the Eastern Pacific?

## Reports

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| <b>Marine turtles and climate change</b>   | A paper by Hawkes et al (2009), reviewing the current state of knowledge of climate change impacts on sea turtles  |
| <b>Climate change and marine turtles in the Wider Caribbean: regional climate projections</b>                          | Results of a study of temperature and precipitation projections for the Wider Caribbean for this century, possible impacts on nesting beaches and the implications for regional sea turtle populations |
| <b>Adaptation to climate change: options for marine turtles</b>  | Results from a survey of scientists and conservation practitioners on climate change adaptation measures for sea turtles and coastal habitats  |
| <b>Temperature Monitoring Manual</b>   | Guidelines for monitoring sand and incubation temperatures on sea turtle nesting beaches   |
| <b>Livelihoods, community well-being and species conservation</b>  | A guide for understanding, evaluating and improving the links in the context of marine turtle programs   |
| <b>Cetaceans and other marine biodiversity of the Eastern Tropical Pacific: Options for Adapting to Climate Change</b> | Overview of the concept of adaptation, climate change impacts to marine biodiversity and avenues for adaptation, with technical chapters on oceanography, climate and vulnerability                    |
| <b>Rising sea level due to Climate Change at Playa Grande, Las Baulas National Park, Costa Rica</b>                    | Inundation simulation based on a high resolution, digital elevation model and implications for park management   |

## Light versions

One-page summaries of some of the main reports, presenting an overview and the main findings

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| <b>Understanding the impacts of climate change on sea turtles and their habitats</b>          |
| <b>Climate change and marine turtles in the Wider Caribbean: regional climate projections</b> |
| <b>Adaptation to climate change: options for marine turtles</b>                               |
| <b>Temperature Monitoring Manual</b>  |

## Other items

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| <b>Vulnerability and Adaptation to Climate Change: Resources</b> | Comprehensive list of websites for relevant organizations and information sources   |
| <b>CD</b>  | pdf versions of all documents   |
| <b>DVD Video:<br/>"Playas Calientes – Olas Furiosas"</b>         | A film by CAVU/WWF documenting climate change adaptation work at Junquillal Beach in Costa Rica - short English version (8 min), (Full length Spanish version in Spanish Toolkit only – 24 min) |

## Getting started

- Step 1.** Watch the DVD to get inspired and motivated to work on adaptation
- Step 2.** Read the 'light' versions to get an overview of the Toolkit reports, with a summary of the main findings
- Step 3.** Read the main reports
- Step 4.** For more information, look at the Adaptation Resources document and visit <http://www.panda.org/lac/marineturtles/act>
- Step 5.** Design your own adaptation project and / or pass the Toolkit information to another potential adaptation practitioner

## 3. Boost your Toolkit

Adding tools and updates

For new tools and upgrades, please visit

[www.panda.org/lac/marineturtles/act](http://www.panda.org/lac/marineturtles/act)

## 4. Need more information?

For any questions, queries or comments, please contact the WWF Marine Turtle and Climate Change Program Leader for Latin America and the Caribbean at

[cctortugas@wwfca.org](mailto:cctortugas@wwfca.org)

