




<b>MDG 8: Madagascar Coastal and Marine Atlas Development</b>	
<b>Keywords:</b> sea level, ocean waves, ocean winds, marine atlas	 
<b>Primary actors</b>	
<b>Madagascar:</b> IHSM (John Bemiasa) <b>UK:</b> SatOC (David Cotton)	
<b>Stakeholders / End Users</b>	
IHSM, DGM, CFIM, BNCCC, CNRO, ICZM, Ministry of State for the Sea, APMF, Coastal and Marine Planners	
<b>Introduction / Statement of the Problem</b>	
Currently there is inadequate access to accurate and reliable information on the Madagascar marine and coastal environment. Coastal and marine resource managers, planners, and decision makers require access to such information to ensure correct decisions are made.	
<b>Case study description</b>	
The case study will involve the following activities: <ul style="list-style-type: none"> <li>• Specifying the content of a Madagascar Coastal and Marine Atlas.</li> <li>• Accessing and processing C-RISe sea level, wind and wave data (for the whole C-RISe region) into a format suitable for a Coastal and Marine Atlas.</li> <li>• Merging with coastal and marine data from other sources.</li> <li>• Setting up a computer, with Geonode software, to act as a server for the atlas.</li> <li>• Loading the formatted data into the atlas.</li> <li>• Making the atlas available to the Madagascar to all Stakeholders.</li> </ul>	
<b>Expected Impacts</b>	
<p><i>Secondary Impact:</i> To be reported on Case Study Completion at March 2019</p> <p>Access to accurate and reliable information on the marine and coastal environment will improve the quality of planning and decision making with regard to improving resilience to coastal hazards. Also the process will be more efficient as all the necessary information will be available at a single location.</p> <p>An increased number of organisations and individuals will gain access to, and experience of, working with satellite data.</p> <p>Will form a long term national resource, supporting continuation of many of the other case studies</p>	
<b>SDG 9.A, 11.B, 14.A</b>	