



Terms of Reference

for a Consultant to elaborate the Guidelines for integration of Climate Variability & Change aspects into the ICZM Process

Scope & Duration

This ToR refers to the elaboration of Guidelines for integration of climate variability and change (CV&C) related aspects into the ICZM Process. The aim of this activity is to develop further the methodology for mainstreaming CV&C considerations into the national ICZM strategies and coastal plans. The task falls under the project “Integration of Climate Variability and Change into National Strategies to implement the ICZM Protocol in the Mediterranean” (the ClimVar project) - complementary to the overall GEF/UNEP/World Bank Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem (the MedPartnership) initiative.

Duration: May 2014 – December 2014

Background

The ICZM Protocol is a key tool to facilitate mainstreaming of CV&C considerations into national ICZM planning and practices developed in the Mediterranean. Particularly, it is important to point out that the Protocol is the first regional ICZM legal instrument that deals extensively with the issue of climate change, both at the strategic level (for example, by requesting countries to mainstream climate change issues into national ICZM strategies and plans) and local levels (for example, by requesting countries to define, *inter alia*, the 100 m coastal setback zone). The total of 22 Protocol's articles are related to climate variability and change and are proof enough that this issue has been adequately mainstreamed into this major Mediterranean ICZM legal document.

The project “Integration of Climate Variability and Change into National Strategies to implement the ICZM Protocol in the Mediterranean” (the ClimVar project) recently developed in the framework of the GEF MedPartnership project has been designed to support the implementation of the ICZM Protocol in the Mediterranean through:

- raising awareness of and analyzing the issue of climate variability, and consequently climate change; and
- promoting the ICZM as the most adequate tool to deal with the impacts of climate variability and change in coastal zones by mainstreaming them into the national ICZM planning, and showing how it could be put into practice in some of the critical areas identified.

The essence of the Project is, thus, a close integration between the two aspects.

The Objective of the Assignment

The activity will be undertaken with the aim to contribute to creating an enabling environment for the integration of CV&C coping strategies into ICZM policies, plans and programmes of Mediterranean countries by (i) strengthening the understanding of the impacts of CV&C on the coastal zones of the Mediterranean Region, and (ii) by establishing the needed information exchange mechanisms, capacity and regional pilot experiences.



The Key task and its Description

The key task envisaged under this ToR is to integrate climate variability and change (CV&C) dimension in the ICZM Process available on-line at:

- <http://www.pap-thecoastcentre.org/pdfs/ICZM%20Process.pdf> and,
- http://www.pegasoproject.eu/wiki/ICZM_Process_diagram

In designing the Process, PAP/RAC has created synergy between two major ICZM-related projects in the Mediterranean: the recently concluded EU FP7 PEGASO project, within which the Process was developed, and the GEF-funded Strategic Partnership for the Mediterranean Large Marine Ecosystem (MedPartnership). This synergy is taking ICZM beyond its relatively narrow coastal stretch to ensure effective integration with river catchment and water basin management, and coastal ground water management.

Description of work

The Report [Integrating climate change into the ICZM planning process](#) prepared for PAP/RAC by Prof. A. Markandya provides some guidance on HOW CV&C adaptation measures should be addressed and integrated into each stage of the ICZM Process. This Report is based on the view that climate adaptation measures should be an integral part of the Process and not an add-on or a separate component.

In order to better include these considerations into the ICZM planning processes, it has been decided within the ClimVar project that a more detailed understanding of different key CV&C aspects in the Mediterranean coastal zones is expected. Therefore, new Guidelines are supposed to follow the structure of Prof. Markandya's Report, interpreting the CV&C dimension with regards to the format, contents and provisions of the ICZM Process. The Guidelines should also provide a critical review of CV&C adaptation efforts and mitigation measures at stake and needed paving the way towards the rational application of ICZM Protocol requirements regarding the CV&C dimension. Thereby, particular consideration should be given to public participation in the process of adaptation to CV&C, leading to their mitigation.

In the above context, the following elements, as well as the other elements the Consultant might consider important, should be addressed and elaborated:

- Introduction to climate science and practice to explain the need for CV&C mainstreaming into ICZM planning processes;
- Introduction to international legal and policy framework to address CV&C issue;
- Introduction to CV&C related financial aspects;
- Presentation of current CV&C impacts on Mediterranean coastal zones and future projections in relation to major economic sectors (i.e. tourism, agriculture, fisheries and alike) and on coastal populations; the land-use issue should be considered with regard to sustainable coastal development;
- Presentation of vulnerability assessment approaches and proofing methodologies using, for example, the DIVA model applied within the PAP/RAC projects;
- Introduction to inclusive governance and presentation of resilience building approaches and initiatives for coastal communities (e.g. Climagine used within the ClimVar project);
- Explanation of CV&C adaptation approaches and providing practical examples of good responses from the Mediterranean and elsewhere (including lessons learned from local experiences).



As a supporting document for the preparation of the Guidelines, the PAP/RAC "[Guidelines for the preparation of National ICZM Strategies required by the ICZM Protocol for the Mediterranean](#)" will also be taken into consideration. The core purpose of these Guidelines is to assist countries to strengthen or formulate National ICZM Strategies as required by the ICZM Protocol.

Deliverable and Deadlines

The output of the tasks carried out will be the Guidelines for integration of Climate Variability & Change aspects into the ICZM Process.

The output will be delivered in English language and contain max. 70-80 pages, including graphical presentations, Annexes and References.

Deliverable	Deadline
1. Annotated Outline of the Guidelines	End June 2014
2. Draft version of the Guidelines	End October 2014
3. Final version of the Guidelines	End December 2014

Qualifications

The following educational and professional qualifications are requested:

- Senior professional level with a minimum of five years experience in Coastal Science and Technology;
- Recognised degree (MSc or PhD) in Coastal Planning and Management with particular reference to Climate change and adaptation;
- Ability to analyse issues and information and prepare documents on key ideas;
- Strong research skills, combined with superior communication and interpersonal skills;
- Strong English skills, both in written and oral format.

Costs & Remuneration

The remuneration foreseen for the execution of the task defined by this ToR is of USD 15.000. Possible travel and accommodation costs pertaining to up to two meetings within the Mediterranean region would be included in the aforementioned amount.

The payments will be made on an output delivery basis, upon submission of the output defined in point above, subject to clearance by PAP/RAC, as follows:

Instalments	Payment
1 st instalment, upon submitting of the draft deliverable and its clearance by PAP/RAC	50%
Final payment, upon clearance of the final version of the deliverable by PAP/RAC	50%