



Terms of Reference **for a Consultant to prepare and develop an on-line Training Course on Climate Variability & Change aspects in the Mediterranean**

Scope and Duration

This ToR refers to the tasks related to the preparation and development of an on-line training course on Climate Variability & Change aspects to be integrated into MedOpen – a virtual Training Course on ICZM in the Mediterranean. The ToR falls under the project “Integration of Climate Variability and Change into National Strategies to implement the ICZM Protocol in the Mediterranean” (ClimVar project) - complementary to the overall GEF/UNEP/World Bank Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem (the MedPartnership) initiative.

The training course is in particular intended for the GEF eligible countries in which the Project is being carried out, namely: Albania, Algeria, Bosnia and Herzegovina, Croatia, Egypt, Lebanon, Libya, Morocco, Montenegro, Syria, Tunisia and Turkey (The Palestinian Authority also participates). In addition to raising awareness and improving knowledge of CV&C aspects in the Mediterranean, the aim of the training course is to enhance policy dialogue and build / improve capacities on implications of CV&C considerations, the ICZM Protocol and other related national policies.

Duration of the Course: four weeks, i.e. from 4 to 31 May 2015

Background

Within the MedPartnership project, PAP/RAC jointly with the GWP-Med and UNESCO-IHP, is developing an Integrative Methodological Framework (IMF) for integration of coastal, groundwater, river and biodiversity management, taking into account CV&C as a cross cutting issue. The IMF is intended to demonstrate a holistic eco-system approach. Therefore, the climate change input should reflect this approach too. The result of this activity will be new guidelines for the generation of coastal plans, as well as for the national ICZM strategies.

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, in the Mediterranean Region by identifying the critical areas; 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

In order to raise awareness and improve knowledge of climate variability and change (CV&C) aspects in the Mediterranean, as well as to promote the use of ICZM, and in particular of the [ICZM Protocol](#) as an effective tool to deal with these issues, an online CV&C training course is to be prepared within the



ClimVar project. This course is also a contribution to mainstreaming climate variability considerations into national ICZM planning and practices based on the “Guidelines for integration of climate variability and change aspects into the ICZM Process”. The CV&C training course, which will be delivered in the frame of the [PAP/RAC MedOpen virtual training course on ICZM](#) in the Mediterranean, will last four weeks and will be attended by not more than ten students.

Key Tasks

The key task envisaged under this ToR includes the preparation and development of the on-line CV&C training course, namely:

1. The preparation of an Introductory paper which would contain, among others, the explanation and purpose of the Course, strongly encouraging participation of trainees to Forum discussions following each lecture;
2. To prepare four lectures (using the template to be submitted by PAP/RAC), namely:
 - Lecture 1: *Introduction to CV&C science and practice with particular reference to Mediterranean coastal zones* (to elaborate the need for CV&C mainstreaming into ICZM planning processes based on the ICZM principles; to present climate impacts on and vulnerability assessment of Mediterranean coastal zones);
 - Lecture 2: *Presentation of the Mediterranean and international legal and policy framework to address CV&C issues*;
 - Lecture 3: *Current and future CV&C impacts and approaches to their mitigation and adaptation* (impacts in relation to major economic sectors and coastal populations);
 - Lecture 4: *Examples of good practices* (use of the DIVA model and its application to the analysis of the impacts of climate change on the coast of Croatia; use of the “Climagine” approach in addressing sustainable coastal zone management needs in the Mediterranean; to take into consideration the CV&C related financial aspects).
3. To provide each lecture with the additional supporting materials (a corresponding scientific article / useful links);
4. To prepare a short Introduction to each lecture with a couple of questions to direct and stimulate the Forum discussion;
5. To reply to students’ questions posted on the Forum and provide them with explanations when asked for, as well as to moderate and encourage Forum discussions;
6. To propose themes to be elaborated by students in their short Essays;
7. To comment / evaluate / grade the overall students’ work, including their active participation to Forum discussions and short Essays.

Deliverables and Deadlines

The Consultant is obliged to prepare and submit the following outputs:

1. Introductory paper (a half or 1 page);
2. Four lectures with the additional supporting materials (about 10 pages per lecture, including tables, boxes or graphical presentations, if any)
3. Introductions to lectures (half a page) and stimulating questions (two to three questions);



4. Comments to and evaluation (two or three pages) and grading of the overall students' work (to be included in a table to be prepared by PAP/RAC);
5. Final report on the training course, including proposals for the improvement of the future courses (three to four pages).

Deliverable	Deadline
1. Introductory paper	13 April 2015 (a week before the Course has started)
2. a) Four lectures - Draft	13 April 2015 (three weeks before the Course has started)
b) Four lectures – Final version	20 April 2015 (two weeks before the Course has started)
3. Introductions to lectures	Each Friday preceding a week when a relevant lecture starts
4. Individual comments / overall evaluation and grading of students' work	15 June 2015 (two weeks upon conclusion of the Course)
5. Final Report	30 June 2015 (a month upon the conclusion of the Course)

Qualifications

The Consultant should have the following educational and professional qualifications:

- Professional level with a minimum of five years experience in working on projects dealing with CV&C and ICZM;
- Recognised degree (MSc or PhD) in Coastal Science and Technology;
- Teaching area: Vulnerability and adaptation to Climate change with particular reference to coastal zones;
- Superior communication and interpersonal skills;
- Strong English skills.

Costs and Remuneration

For the execution of the task defined by this ToR, the Consultant will be remunerated by a fee of USD 5.000.

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

Instalments	Payment
First instalment, upon submission of deliverables 1, 2 and 3 and clearance by PAP/RAC	50%
Final payment, upon submission of deliverables 4 and 5 and clearance by PAP/RAC	50%