



Sciences Application and
Dissemination Institute

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E- Training courses on

**Climate change risk assessment
and management**

I. Overall objective

The overall objective of the courses is the development of skills for better integration of climate change and disasters risk reduction into development strategies, policies and projects.

II. Specific objectives

At the end of the course, each participant should be able to:

- implement an assessment of impacts and vulnerabilities to climate change for a given system;
- identify relevant adaptation options ;
- develop for a given socio-economic sector or for a community an intervention framework for adaptation and disasters risks reduction, on the basis of the model ClimProspect which is formally illustrated by the figure (1).

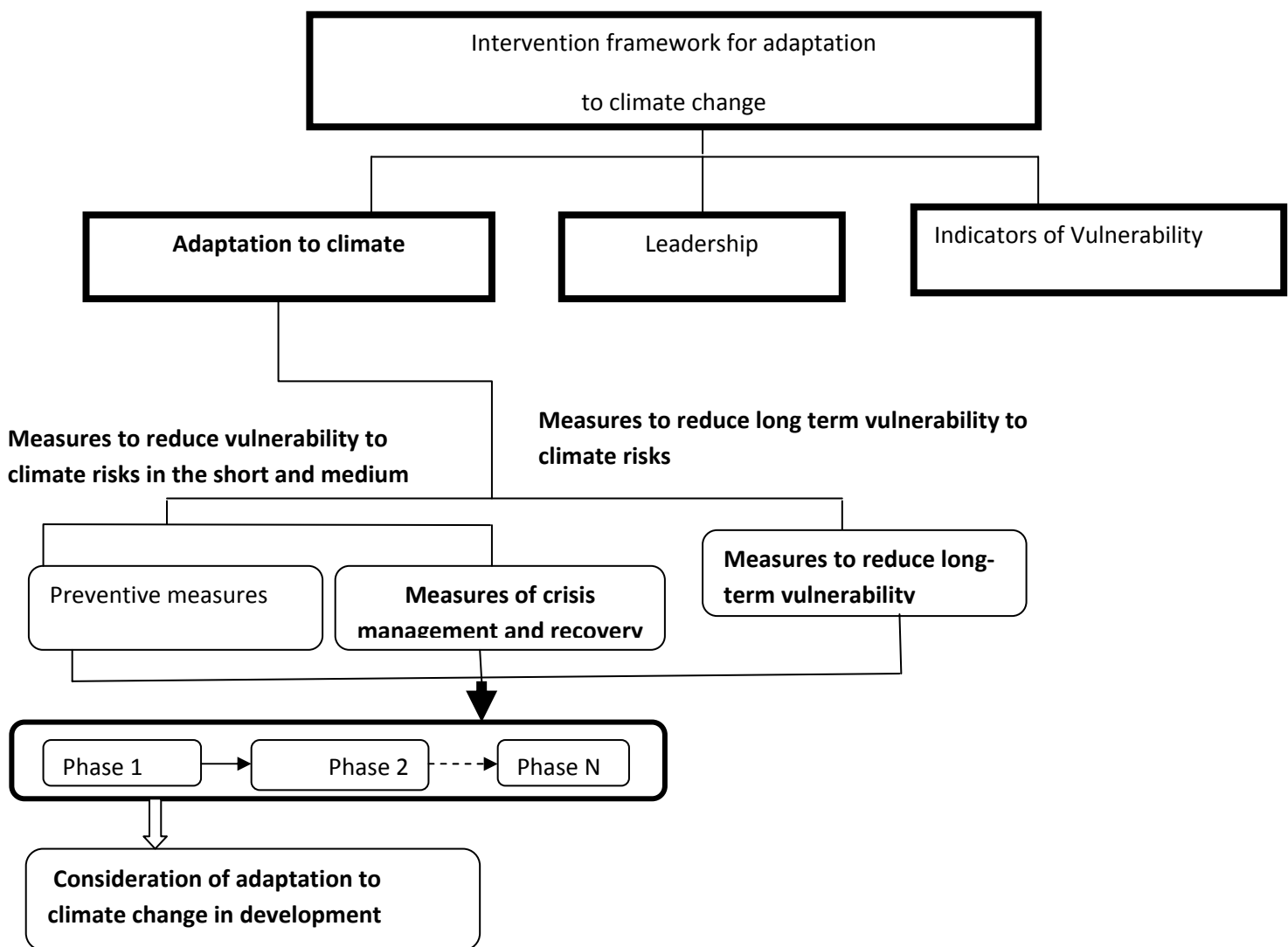


Figure (1): Intervention Framework for Adaptation to Climate Change

III. Content

The content of course includes a theoretical teaching organized in lessons, a series of exercises and an optional case study.

1. Theoretical teaching

The theoretical teaching concerns the following aspects of climate change:

- Scientific bases of climate change
- Changes in climate observed and their impacts
- Projections for the future evolution of the climate and its anticipated impacts
- theoretical and practical aspects of adaptation to climate change
- methodologies and tools for assessing and managing climate change impacts

2. Exercises and works

For each lesson, a series of exercises is proposed for the assimilation of concepts, tools and methodologies.

At the end of the course, an exercise of synthesis on the development of an intervention framework for adaptation to climate change is proposed.

3. Case Study

The participants who wish to realize a case study will have the support of the teaching team.

IV. Pedagogical approach

The pedagogical approach is based on a series of training strategies:

- **Individual Self-learning:** each participant assimilates the main theoretical concepts and practices from various educational materials available to him. These materials include a lecture notes and textbooks, exercises and work (practical work, case study).
- **The tutoring:** a support team provides assistance during the learning process

V. Pedagogical materials

The pedagogical material is sent to participants. It comprises:

- course materials
- additional resources
- exercises

VI. Evaluation Mode

The course evaluation will be based on individual and group work during learning

VII. Study calendar

The duration of each course is between three and four months

VIII. Qualification

Participants who successfully fulfil all the requirements of the course will obtain a Certificate of Studies in climate change risks management

IX. List of courses

The offered courses are:

- Assessment and management of climate change effects on food security
- Assessment and management of climate change effects on water resources
- Assessment and management of climate change effects on forests
- Assessment and management of climate change effects on cities
- Assessment and management of climate change effects on community development
- Education, public- awareness and information on climate change