Module Risk Management

1. Objectifs et contenu de l'enseignement

Objectives
At the end of the module participants should be able to:

- explain concepts around vulnerability, resilience, damage, event scenarios;
- describe main problems concerning socio-economic of disasters;
- apprehend economic and insurance aspects related to the field of risk mitigation;
- interact with journalists in case of post-disaster media communication;
- explain the functioning and dynamics of effective early warning systems; and
- recognize the role of public perception and education regarding hazard and risk

Content
The Risk Management module is the most multidisciplinary module of the CERG-C course. It includes several aspects of risk analysis. In particular, this module is focused on the best ways, according to literature, past experiences and lessons learnt, to make sound decisions in order to reduce damages and to mitigate the impact of hazards on society. Significant time and effort is devoted to understand risk assessment and risk management tools and methods used in a range of disciplines. The Risk Management module brings together a multidisciplinary team of experts representing fields such as physical and social sciences, communication, geography, land-use planning, statistics, modeling, insurance and economics.

All lectures in this module are given in English

2. Pré-requis :