



Conceptual Approach and International Practice in Assessment and Management of Seismic Risk at Local Level

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Abstract

In this paper the different steps of an international practice in assessment and management of seismic risk will be presented. The following steps will be described in detail:

- 1: Preliminary Audit on the feasibility of a preventive project at local level
2. Seismic Risk assessment
 - Seismic hazard assessment (regional and local levels)
 - Urban System Exposure (USE) and main stakes assessment
 - Vulnerability Analyses and Earthquake Scenario. Seismic Risk Report
3. Local Capacity Building for seismic prevention
 - Local active appropriation process
 - Capacity building of a collective expertise
 - Local organisation for the risk management
4. Risk Management Plan (RMP) and Action Plan
 - Crisis management preparedness
 - Preventive planning at local, regional and national levels
 - Construction policy (strengthening, new codes and control)
 - Sector related measures
 - Synthesis: RMP decision and dissemination
 - Feasibility analysis: Action Plan
 - Short-term projects design
5. Implementation management and control of the preventive programme
6. Accompanying measures: information, education and training