

Documentation on natural hazard models and risk communication tools: Participatory 3D Mapping on natural hazards and vulnerabilities for Risk Dialogue – (France)

Examples to add to the Documentation of the joint workshop between EUSALP Action Group 8 and Alpine Convention Working Group PLANALP held in Heimschuh on 25 April 2019

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These two initiatives were carried out in the French Alps in 2010-2011 within the framework of the 'Integrated Natural Risk Management' (INRM) interregional programme: <https://risknat.org/girn/>

Network of Involved Territories in the French Alps since 2009



Participatory three-dimensional mapping was developed in the French Alps in 2010 and 2011, as part of the interregional operation on pilot sites for Integrated Natural Risk Management. It consists in the construction of a model on which different layers of thematic information (land use, issues and their vulnerability, hazards...) are superimposed with the support of the local population (inhabitants, school students, teachers, security professionals, etc.). This risk 3D mapping allows citizens to develop their risk culture, improve their perception of the territory, learn about local natural risks and the zoning affected by these risks and highlight their local knowledge, in order to actively participate in disaster risk reduction and self-preparation. By providing a simpler understanding of risks than traditional administrative documents (Risk Prevention Plan, etc.) and a direct comparison between regulatory zoning and the actual control of known phenomena, this tool provides a good basis for local dialogue on risks.



More information (in French):

Participatory 3D Mapping on risk reduction in the town of **Bourg-Saint-Maurice** (Sépartement de la Savoie) in 2010:

- <http://risknat.org/girn-alpes/actions-des-sites-pilotes/Bourg-St-Maurice/action-sur-le-chef-lieu-de-BSM.html>
- http://risknat.org/girn-alpes/livrables-et-ressources/evenements/reunion-annuelle-2010/BSM_SFayolle_11oct2010.pdf



Experimentation of a participatory approach on the vulnerability of local populations in the village of **Névache** (Clarée valley, Briançonnais, Département des Hautes-Alpes) in 2011:

- http://risknat.org/girn-alpes/actions-des-sites-pilotes/PGBEQ/site_test_vallee_de_la_claree.html
- <http://risknat.org/girn-alpes/livrables-et-ressources/communications/les-irises-5-2011/index.html>

