

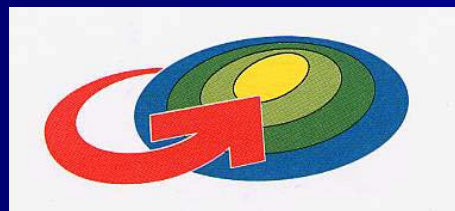
WENGEN 2006 Workshop

INTERREG III B project « ClimChAlp »
Climate Change, Impacts and Adaptation Strategies
in the Alpine Space



Jean-Marc Vengeon

Pôle Grenoblois Risques Naturels



INTERREG III B project « ClimChAlp »

Climate Change, Impacts and Adaptation Strategies
in the Alpine Space



Strategical project

- partners are national and regional administrations
- link with Alpine Convention

Objectives

- State of knowledge for public strategy building
- Prepare the next Alpine Space Interreg program
2007-2013

INTERREG III B project « ClimChAlp »

Climate Change, Impacts and Adaptation Strategies
in the Alpine Space

Activities

WP5 Climate Change and Resulting Natural Hazards

WP6 Monitoring, Prevention & Management of Specific
Effects of Climate Change on Nature

WP7 Impacts of Climate Change on Spatial Development
and Economy

WP8 Flexible Response Networks

Partnership

Lead Partner : StMUGV Bavarian State Ministry of the Environment, Public Health and Consumer Protection

Slovenia

- UIRS Urban Planning Institute of the Republic of Slovenia
- GeoZS Geological Survey of Slovenia

Austria

- NOe Niederösterreichischen Landesregierung
- WW_Tirol Office of the Government of Tyrol
- BWV_Kaernten Amt der Kärntner Landesregierung
- UBA Umweltbundesamt
- BMLFUW Federal Ministry of Agriculture and Forestry

Germany

- StMWIVT Bavarian Ministry of Economic Affairs
- LfU Bavarian Agency for Environment
- BfG GRDC

Partnership

Italy

- WBV Autonome Provinz Bozen, Südtirol
- RAVA Aosta Valley Autonomous Region
- ARPA Piemonte
- RAFVG Dept. Autonomous Region Friuli Venezia Giulia

Swiss

- SLF Swiss Federal Institute for Forest, Snow and Landscape Research
- BWG Federal Office for Water and Geology

Liechtenstein

- AWNL Ministry of Environmental Affairs, Land Use Planning, Agriculture and Forestry

France

- UCB Consortium : UCB Lyon 1, Cemagref, UJF Grenoble, Cete
- RhoneAlp Region Rhone Alpes
- ONERC Ministry of ecology and sustainable development

INTERREG III B project « ClimChAlp »



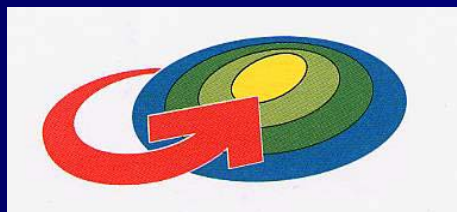
Partner : Région Rhône Alpes

WP 5-6-7-8-9



Subcontractor : Pôle Grenoblois
Risques Naturels

TASKS



- French coordination on WP 5-6-7
- WP 5 « Natural Hazards module »
- Ressource for WP 8

Jean-Marc Vengeon

PGRN : a federative research organisation

Network of 180 persons working on natural hazards

(90 researchers, 50 technicians et 40 PhD students)

- **4 universities** : UJF, INPG, UPMF and Université de Savoie
- **3 research institutes** : CEMAGREF, CEN (Météo-France), LCPC
- **2 public organisations** :CETE Lyon, EDF-DTG
- **2 private ingeneering companies** : SOGREAH and ADRGT
- **1 non profit organisation** : ANENA

A lightweight structure : 4 permanent persons


Permanent Founding : Conseil Général Isère



Thematic field of PGRN

WP 5
Rome

29/09/06

- 
- Seismic hazard
 - Snow avalanches
 - Rockfall-avalanches and landslides
 - Floods
 - Erosion / mountain stream floods – debris flows

Impacts of climate change = new subject (2005)

Permanent common question for the coming years

Activities in WP 5

« natural hazards Module »

1. **Network** : set up a group of french experts
2. Organize a **critical synthesis on the impacts** of climate change on natural hazards
3. Link with « Climate change module » : **asses the relevant climatical parameters** or each hazard

1. Network :

set up a group of french experts

WP 5
Rome

29/09/06

Hazard	Landslides / rockfall	Debris flows	Alpine rivers floods
External experts	O. Maquaire (Univ. Caen) Y Guglielmi (Univ. Nice) P.Desvarreux (ADRGT) JP Requillart (ONF-RTM)	C. Obled (INPG) D. Duband (CSM) JP.Requillart (ONF-)	C.Obled (INPG-LTHE) D. Duband (CSM) M. Lang (Cemagref Lyon) JP Bravard (ZABR)
Partners	D Hantz (UJF-Lirigm) P. Potherat (Cete Lyon) C. Delacourt (UCB)	D. Richard (Cemagref)	

Hazard	Avalanches	Glaciers	Permafrost
Experts externes	Y. Durand (CEN) Cemagref :?	C. Vincent (CNRS)	P.Deline (U. Savoie) P.Schönheich (UJF)
partners	D. Richard (Cemagref)		

2. Critical synthesis on the impacts of climate change on natural hazards

- Impulse and organize the exchanges between experts on hypothesis of impacts
- **Documente and track** all arguments and references, online available proces
- **Synthetize** the experts meanings for each impact



- Documents and dialog platform
- Mailing list of experts
- Workshop



2. Critical synthesis : Documents and dialog platform

WP 5
Rome

29/09/06

- References : articles, reports, **expert writings**...
- Insert references in a **logical matrix**
- For each reference : standardized synthesis file + link to the original file or contact adress
- Insert every argument in the right « hypothesis discussion » box and track references

2. Critical synthesis : Documents and dialog platform

- **Subjects** : impacts on nature, impacts on natural hazards, synthesis, recommendations
- **Impact arguments hierarchy** :
 - Observed impacts
 - Computed, modeled, demonstrated impacts
 - Possible impacts



2. Critical synthesis : Documents and dialog platform

To come

- Online availability, weekly updated (october 2006)
- Synthetize arguments (winter 2007)
- Expert workshop spring 2007 to conclude :
 - common statement
 - polemical point
 - lack of knowledge



Objectives

- Continue the process after the end of ClimChAlp
 - Track knowledge and recommendations evolution
 - Dialog platform : basic tool to design future projects contents and to transfer state-of-knowledge to risk managers

- Extend and intensify networking activities



WP 5
Rome

29/09/06

Thank for your attention