National Platform and Natural Hazards in Sweden

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National Platform and Natural Hazards in Sweden
Five stages in an accident process

1. Accident prevention
2. Take actions to mitigate the consequences of accidents
3. Prepare for rescue operations
4. Carry out rescue operations
5. Lessons learned
1. Accident Prevention
- Risk Development in long term planning perspective
2. Take actions to mitigate the consequences of accidents
The Five Stages of an Accident

3. Prepare for rescue operations
4. Carry out rescue operations
5. Lessons learned

Accident prevention

- Take actions to mitigate the consequences of accidents
- Prepare for rescue operations
- Carry out rescue operations

Lessons learnt

The Five Stages of an Accident
Municipal Responsibilities
Regional Level
National Platform
National Platform
Supporting local preventive actions

- Expert advice
- Geological, hydrological and land survey
- General stability and flood risk maps
- Governmental Subsidies for preventive measures mitigating landslides and floodings
- Research and development
- Cooperation – on national and international levels
- Information, Education and Training
- River Coordination groups
- etc
General Stability Map
General Flood Risk Map

- 100-year flood
- Highest estimated flood according to the guidelines of Swedish Flood Committe, approx 10 000-year flood
General Stability and Flood Risk Maps

Fields of application

- Basic data for municipality risk assessment
- General landuse planning
- Overall planning of fire & rescue service work
- Detailed survey – permanent preventive measures
- Response action – calculation of current waterlevels and discharges for the ongoing event
River Coordination Groups

- SRSA commissioned to initiate establishment of river coordination groups
- Watershed based
- County Administrative Board task to convene, chair of the group
- Network building, preparedness planning and seminars
- NP agencies called in when required
- Members: F&R services, landuse planners, National Road Administration, National Railroad Administration, Water Regulation Enterprises, SMHI, etc
Governmental Subsidies

- Municipalities can apply
- 25 MSEK/year, 2.5 M Euro or 3.8 M $
- Performed/planned measures
- Subsidies up to 80% of the threatened objects value
- 2004: approx 25 municipalities applied, applications exceeded 3 times available amount of money
- Commission for SRSA in cooperation with other national expert authorities
Information, education and training
Future work

- Threats, needs and possibilities
- Weather phenomena
- Capacity building
- Coordination and cooperation
International cooperation

- ISDR
- UN
- EU