



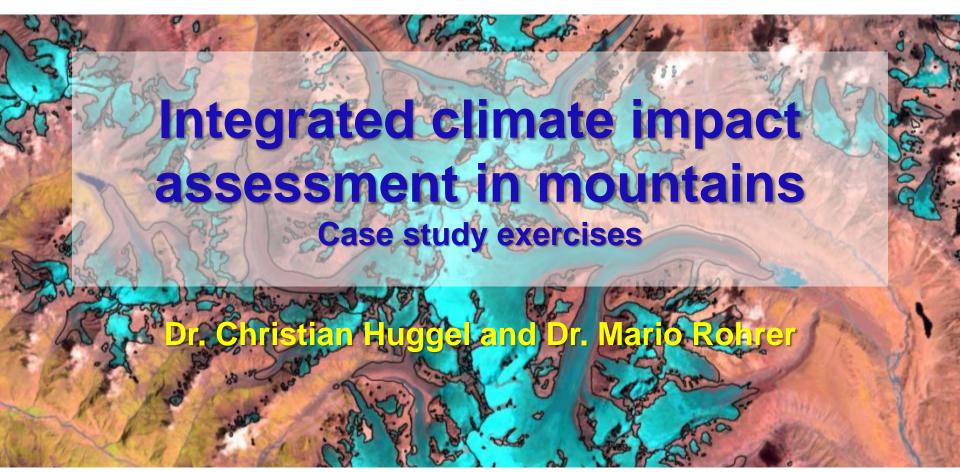




Confederaziun svizra







IHCAP – Indian Himalayas Climate Change Adaptation Programme Capacity building programme "Cryosphere" Level-2, 2015

## Case study exercise

### **Task (1)**

- 5 groups per 2 persons each
- Select a case study region in India (preferably one of your home regions)
- Maximum spatial area is State
- Identify 3-5 important aspects of vulnerability in your case study region
- Identify the 5 most important climate impacts in your case study region, if possible consider frequency, magnitude and location of impacts (exposure of people or assets)
- Analyze inter-sectoral impacts and effects
- Analyze the important risks that result from the vulnerabilities and impacts,
  apply low, medium and high risk levels
- Develop a few feasible adaptation options that contribute to reduce the analyzed climate risks
- Impacts, vulnerabilities and risks can be both for current and future conditions but the reference time period has to be clearly specified

# Case study exercise

#### **Task (2)**

- Prepare a presentation based on your case study results
- max. 15 min and max. 10 slides
- The following points should be included in the presentation:
  - Short description of the case study region
  - Identified vulnerabilities
  - Identified impacts
  - Cross-sectoral impact effects
  - Resulting risks
  - Adaptation options

### Case study exercise

#### **Guiding example**

- Case study region x
- Vulnerabilities: high degree of poverty, social minorities, gender aspects, age distribution (older people more vulnerable), adaptive capacity
- Impacts: heat wave occurrence, drought, water shortage, heavy rainfall and flood events, land degradation
- Risks: high risks resulting from projected highly frequent and strong heat waves and highly vulnerable population; medium risks resulting from current relatively frequent, medium-sized floods, and partly vulnerably and exposed people
- Adaptation options: heat wave: strengthen health services, floods: reduce exposure to floods, strengthen preparedness and early warning