

COFER Strengthening Capacities and Resilience in Climate Adaptation

Knowledge For Climate

An international network on climate change adaptation teaching and research

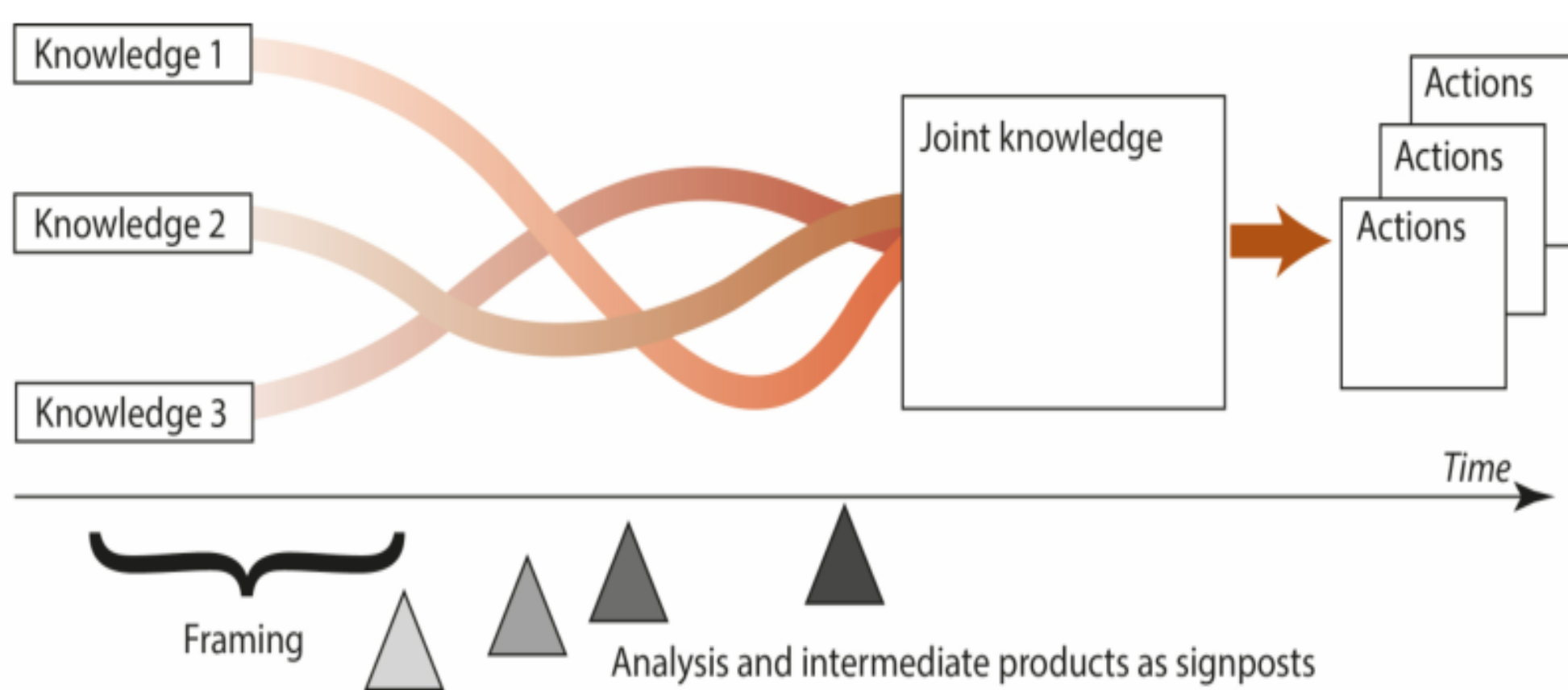


Our vision is to develop and maintain over the long term an international network of academic institutions in the field of climate change adaptation (CCA). The network engages in innovative and impactful research and education. The network uses a co-production of knowledge or joint knowledge production (JKP) approach in education and research to advance the production and dissemination of knowledge on CCA, its application in policy and practice and related capacities.

Rationale

Adaptation to changing and new environmental conditions is key to sustainable development. However, climate change adaptation (CCA) is a complex and interwoven process. CCA requires collaboration between researchers from different disciplines, policy-makers, and groups of the civil society. Human capacity, as a crucial resource to address climate change, is not sufficiently developed in many countries. There is therefore a need to strengthen the capacities to produce and disseminate knowledge and to better translate research to CCA practice.

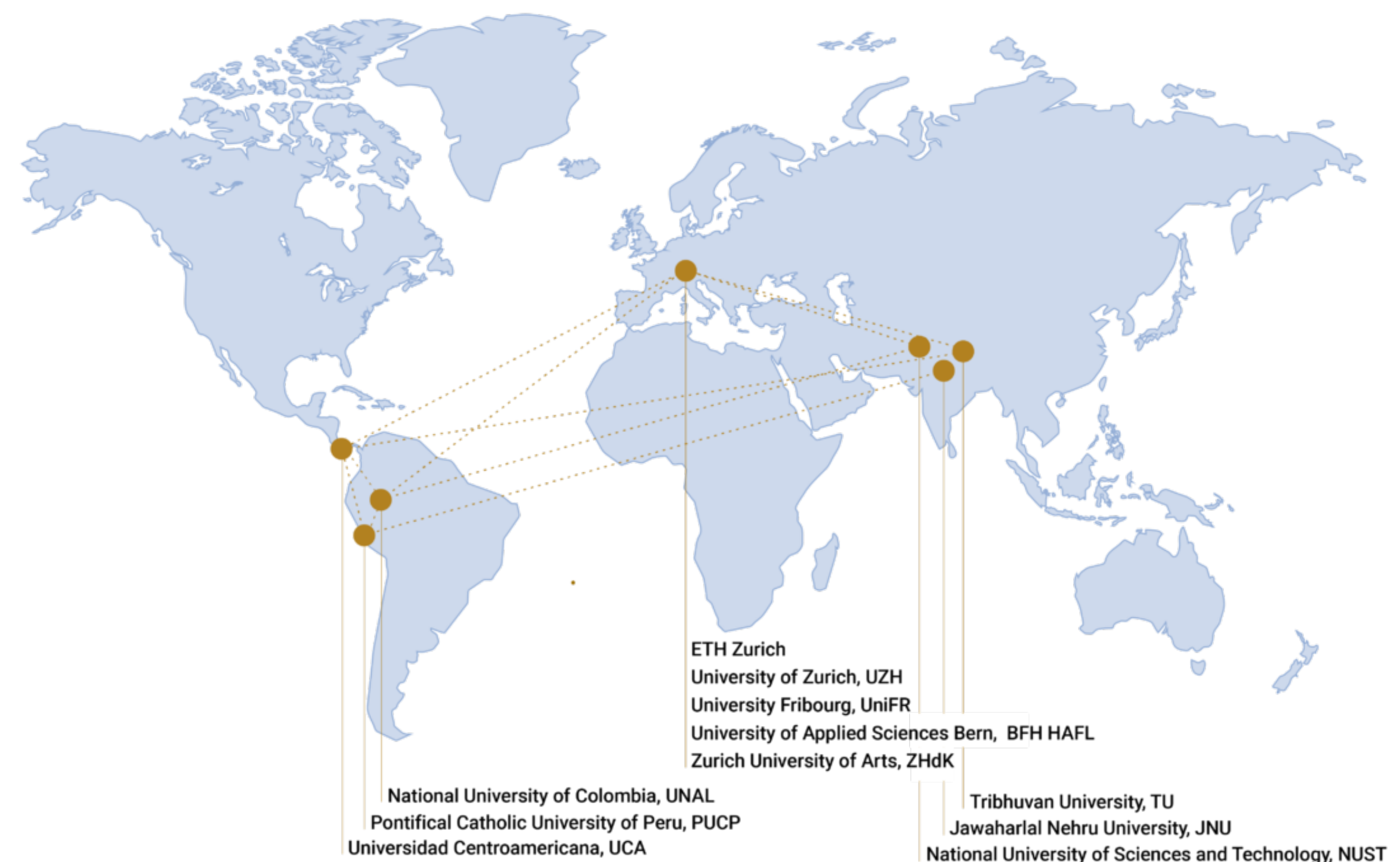
Our Approach - Joint Knowledge Production (JKP)



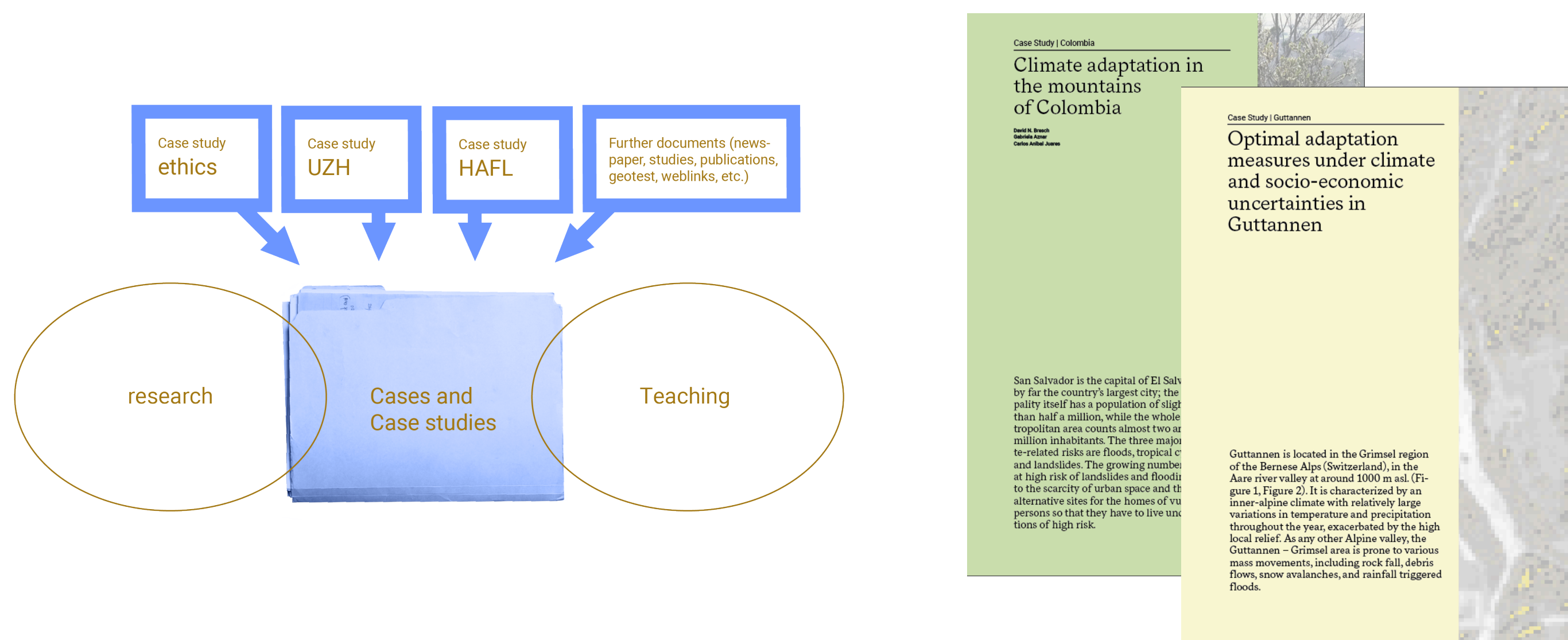
Climate change adaptation requires concerted efforts between science, policy and practice to produce solution-oriented knowledge. JKP describes the process of scientists, policy makers and actors from the civil society coming together to cooperate in the production, dissemination, and application of knowledge to solve wicked problems. JKP is based on mutual recognition and learning and accommodates diverse forms of knowledge production. We adopt a JKP approach from co-design to co-dissemination of knowledge. This approach is reflected in both education and research.

The network

Coordinated by the University of Zurich, the network includes four academic institutions in Switzerland and five universities in Latin America and South Asia. The network brings together multi-disciplinary expertise (from climate science to physical and human geography, economics and anthropology to applied ethics and visual arts, and pedagogy).



Education - our case studies and the learning platform

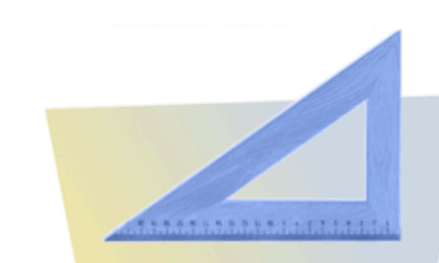


Network Research Education



→ Case studies
Learn about our international cases on climate change adaptation. Each case provides learning material and is open to comment and join.

- Case Study | San Salvador
- Case Study | Guttannen
- Case Study | Colombia



→ Educational tools
We provide educational tools to gain more knowledge about our cases and for our community.

- Adaptation, Action & Strategies
- Case Study Models
- Ethical Principle



→ External resources
We are interested in connecting knowledge, therefore we provide a list of external resources.

- Online courses
- Videos & Animations
- Tools

We bundle available expertise in the different institutions to develop comprehensive education material. University students learn how to generate knowledge and information required for CCA, and how such knowledge can be applied and implemented in their respective context. The teaching material is shared through a learning platform.

Website: www.knowledgeforclimate.net, contact: veruska.muccione@geo.uzh.ch

