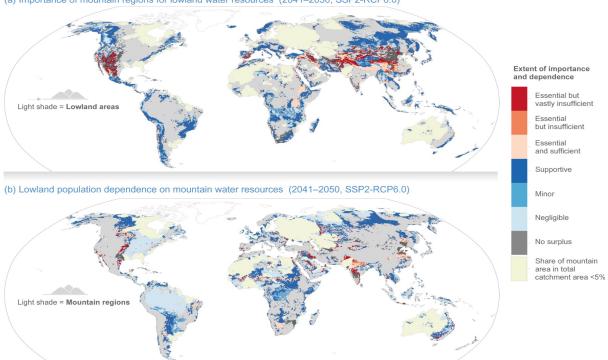


Huss et al. 2017

### Importance of mountain water resources for lowland areas and populations



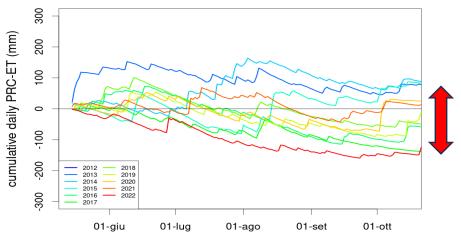


5: Mountains. WGII, AR6, IPCC

- ~ 25% of the land surface & **1.2 billion people**
- climate change and biodiversity hot spots
- essential water, energy, food, and other resources goods and services
- linked to downstream regions through natural pathways and human infrastructures
- water towers for the world's major rivers (e.g. 2/3 of irrigated agriculture depends on water from mountains)

## Ecosystem functional properties and blue vs green water partitioning



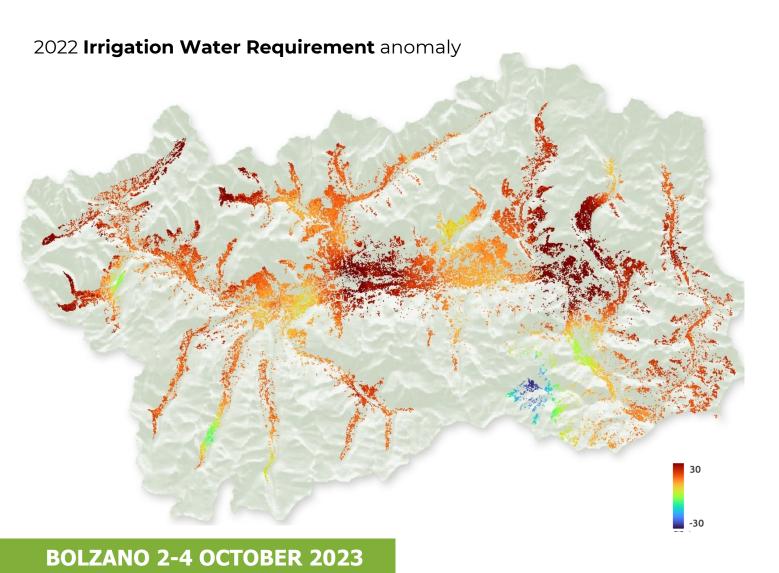








Mountain **agro-ecosystems** and droughts



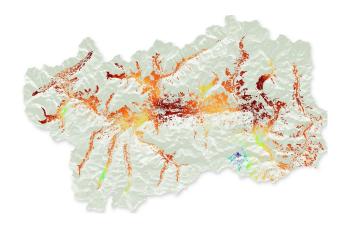








How can we transform our research results into actionable strategies?



data collection, process understanding and **good science** 

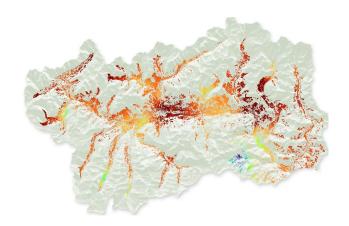




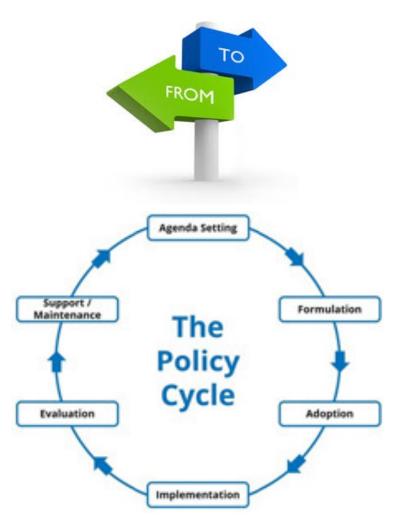
support the evidence based policy cycle



How can we transform our research results into actionable strategies?



data collection, process understanding and **good science** 





support the evidence based policy cycle

hands on the **science-policy** interface (time, commitment, language, values, ...)

# Thank you

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