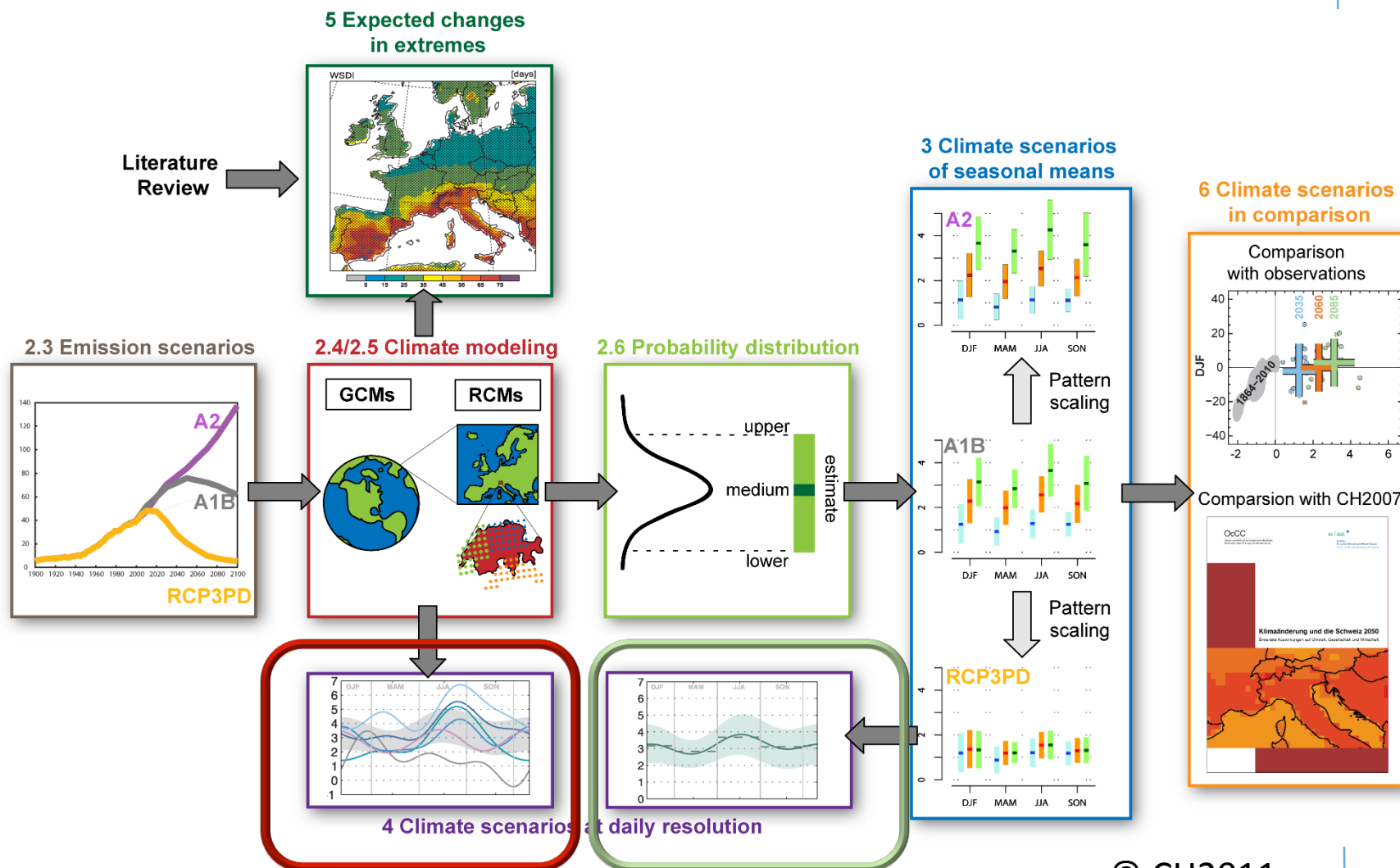


Kurzinput:

*„Möglichkeiten und Grenzen der Anwendung von CH2011
Szenarien zur Projektion schweizerischer Abflüsse“.*

*Ole Rössler,
Oeschger Zentrum für Klimafolgenforschung
Geographisches Institut, Uni Bern*

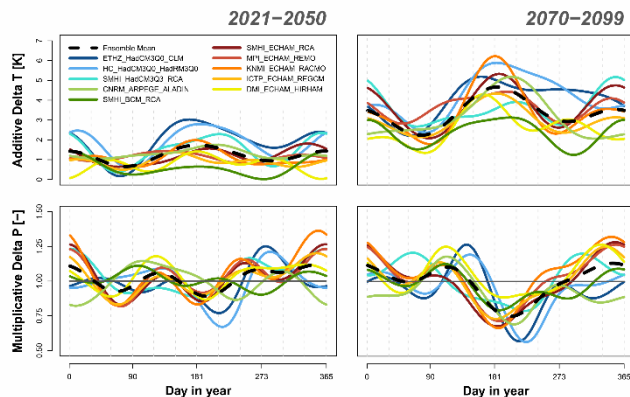
Datengrundlage CH2011 und CH2011plus



© CH2011

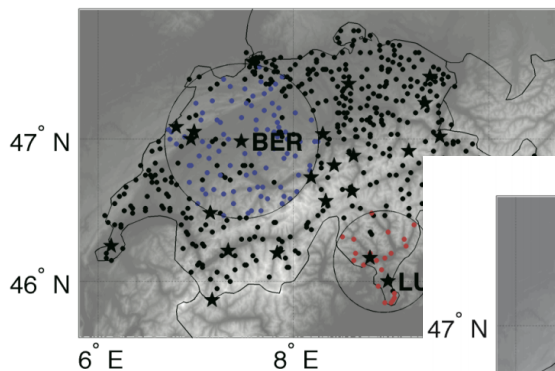
CCHydro – als erster Start

Delta Change signals @ Montana



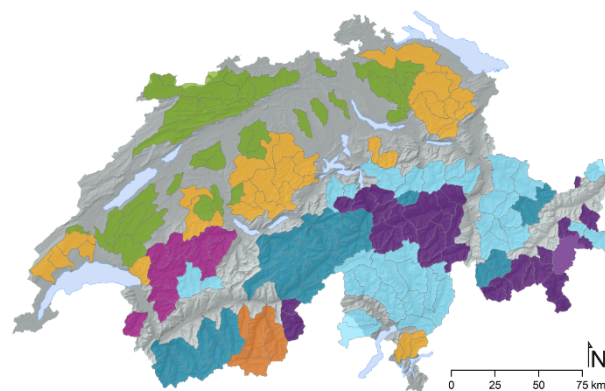
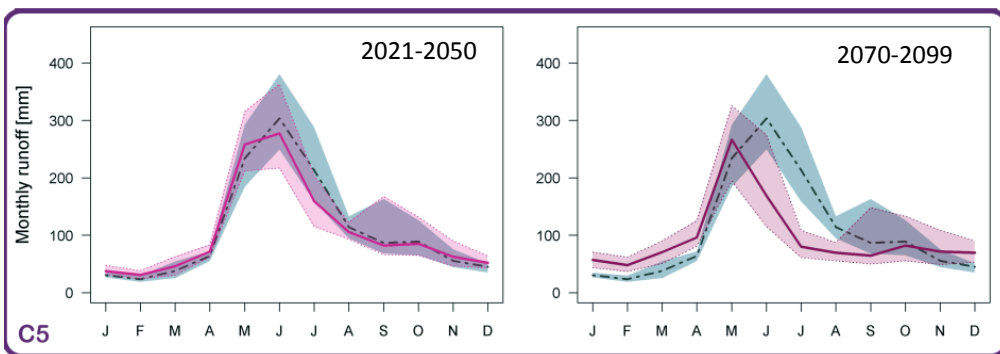
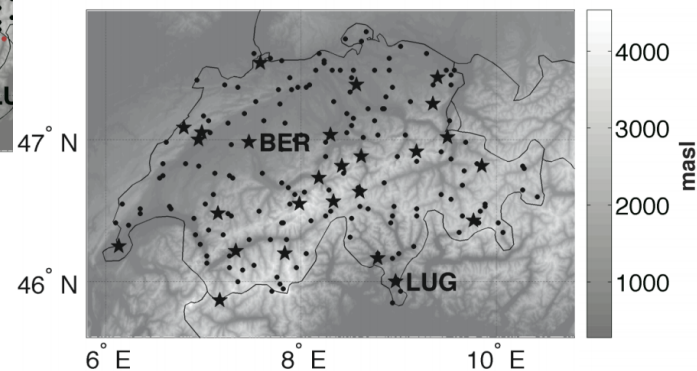
Ref.: Bosshard et al. 2011. HESSD, doi:10.5194/hessd-8-1161-2011.

P stations



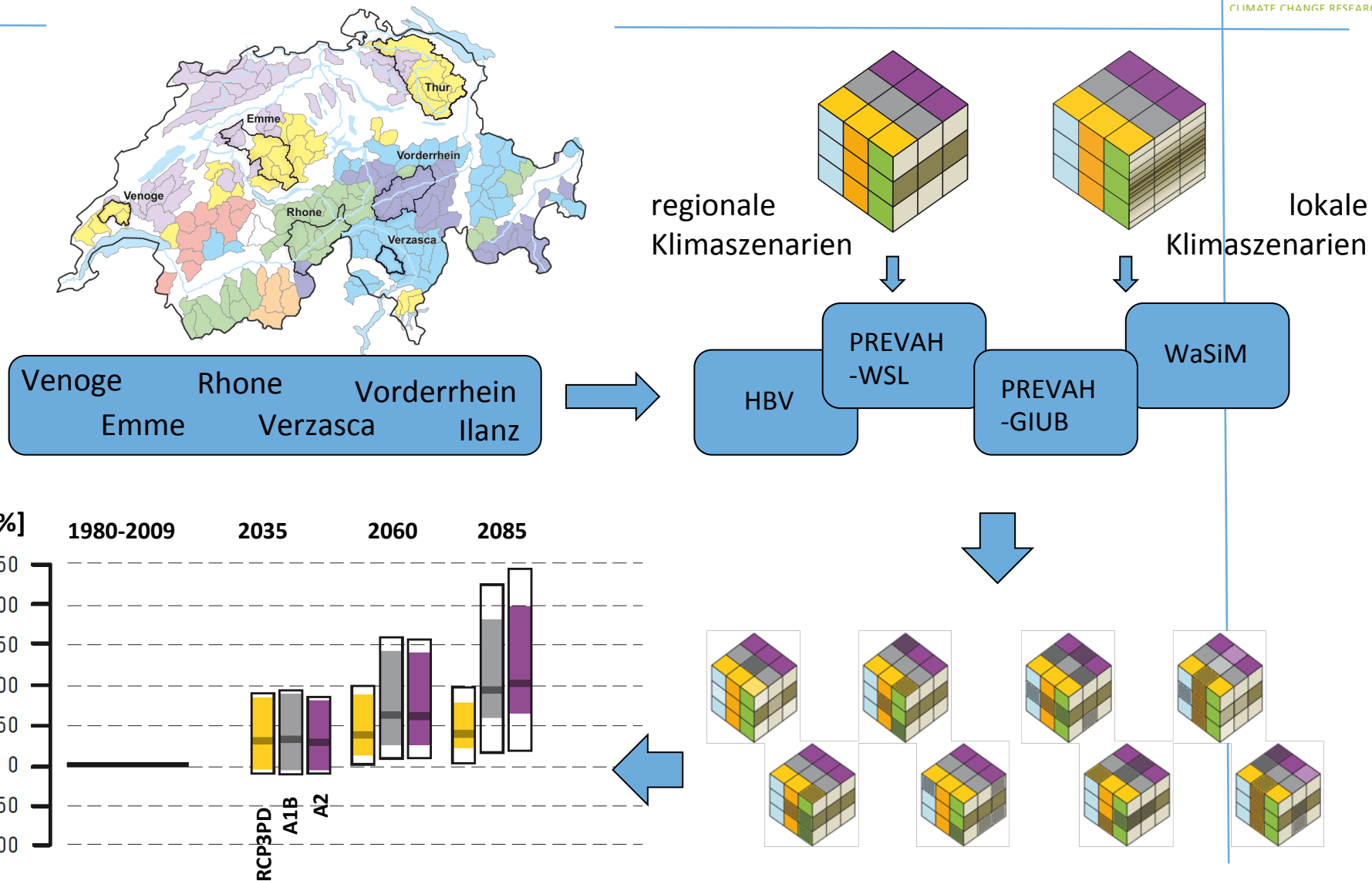
Nur T und P!

T stations



C1 C2 C3 C4 C5 C6 C7

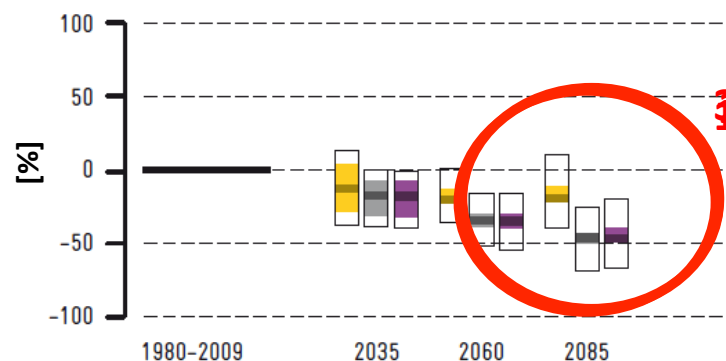
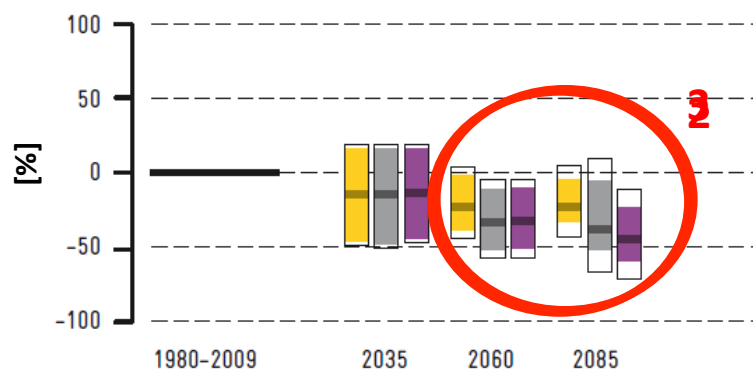
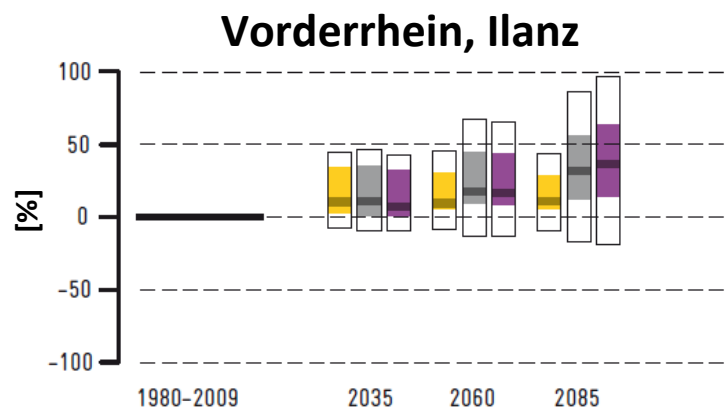
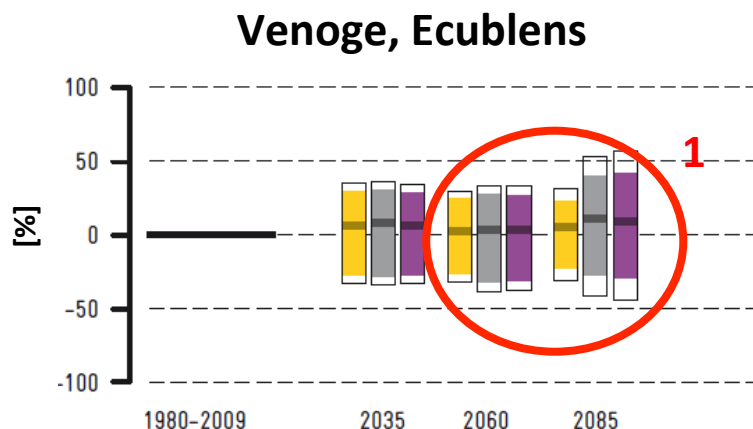
CH2014 Impacts – Ausreizen des Datensatzes



Beispiel: Winterabflussänderung, Verzasca

Rössler et al. 2014, Addor et al. 2014

CH2014 Impacts – Ausreizen des Datensatzes



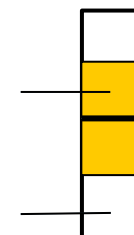
■ RCP3PD
■ A1B
■ A2

Unsicherheit Klimamodell + nat. Variabilität

Unsicherheit hydrologisches Modell + Rest

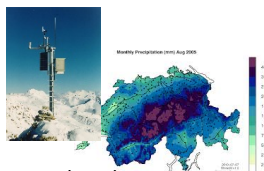
Winter

Sommer



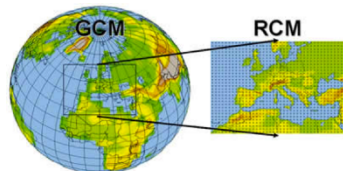
Grenzen des Datensatzes - Extreme

«Wetter»



Beobachtungen

«Wetter»



Lineare Skalierung/delta change

