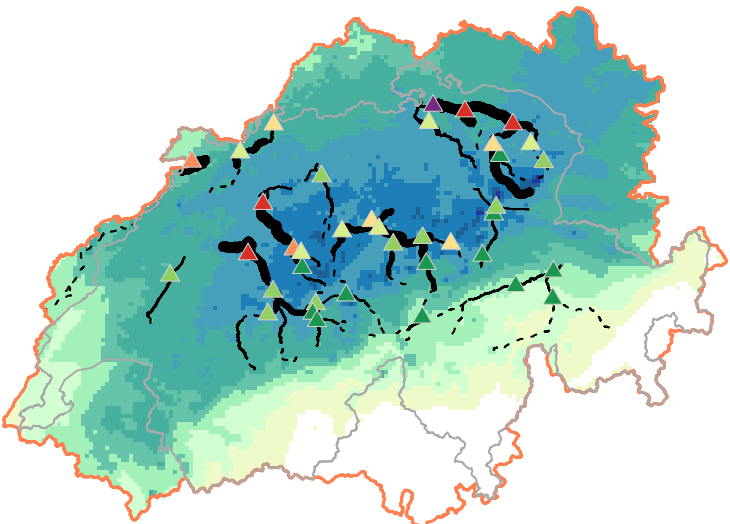
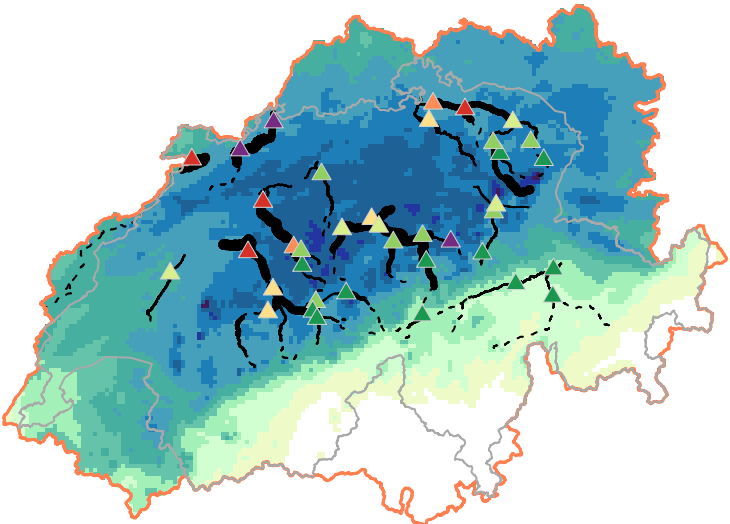


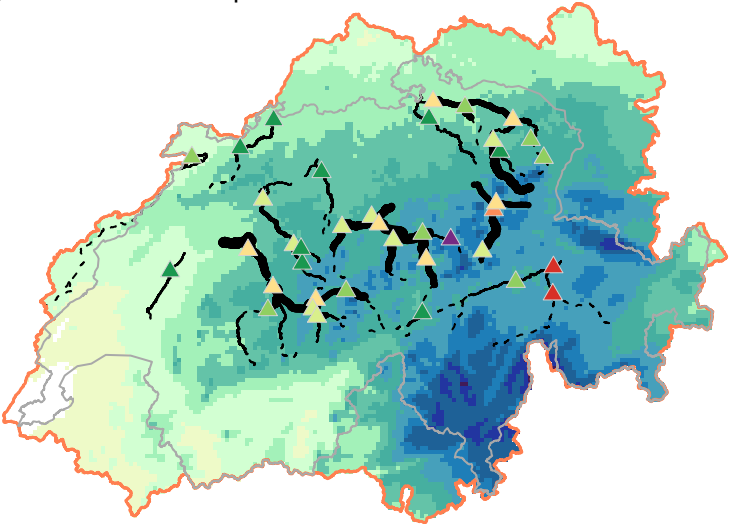
Guide for selecting an appropriate scenario



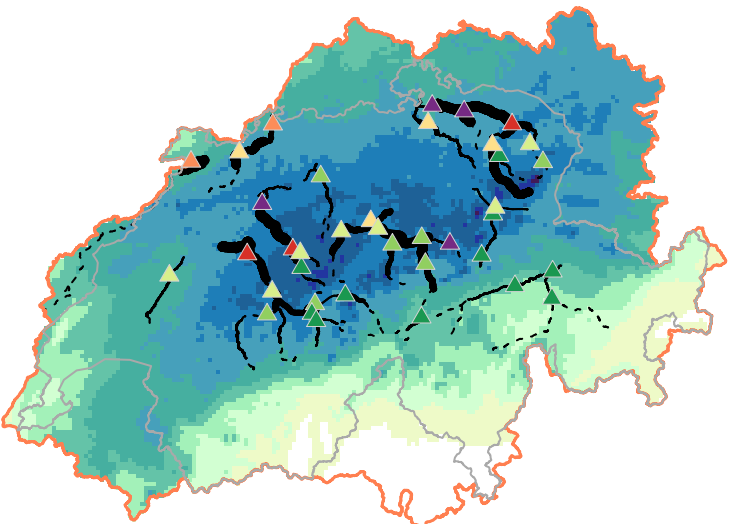
Reference scenario
100-year precipitation event
Reference scenario with heavy precipitation over Alpine foothills and Swiss plateau.



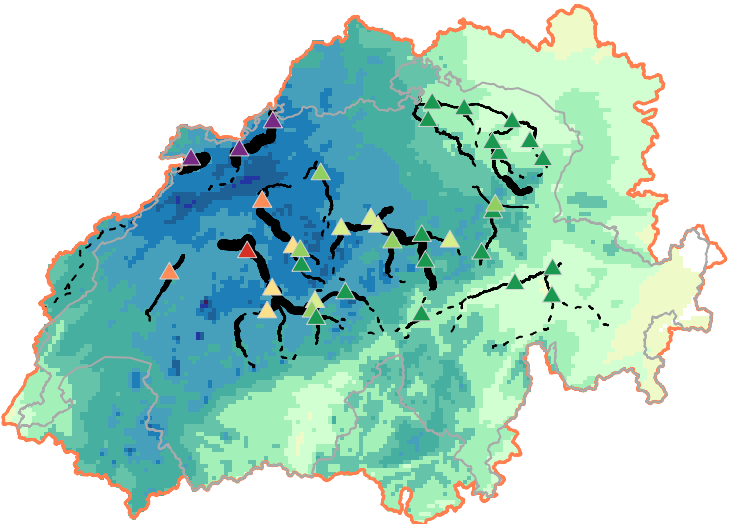
Precipitation+, 5 days
100-year precipitation event
Slightly more precipitation than in scenario Precipitation+, with similar hotspots. However, precipitation spreads across 5 days, making intensity lower than in Precipitation+.



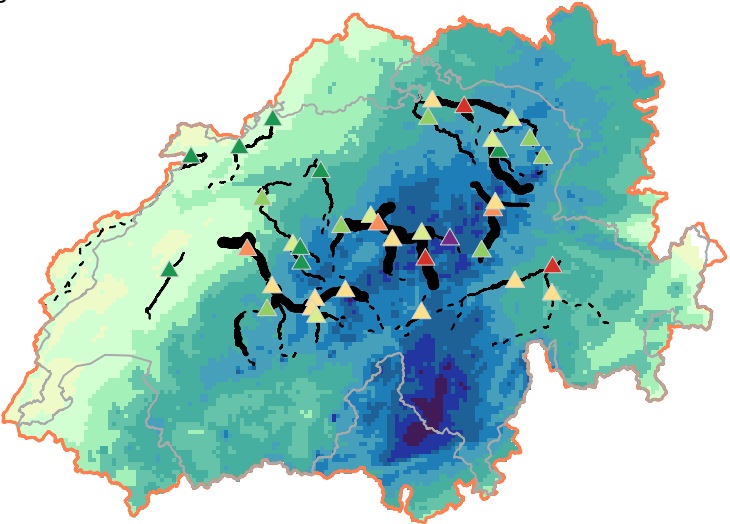
Focus on lakes, 3 days
100-year precipitation event
Two precipitation peaks in the modelled lake catchments. Second peak with higher intensities. Large share of precipitation in Ticino.



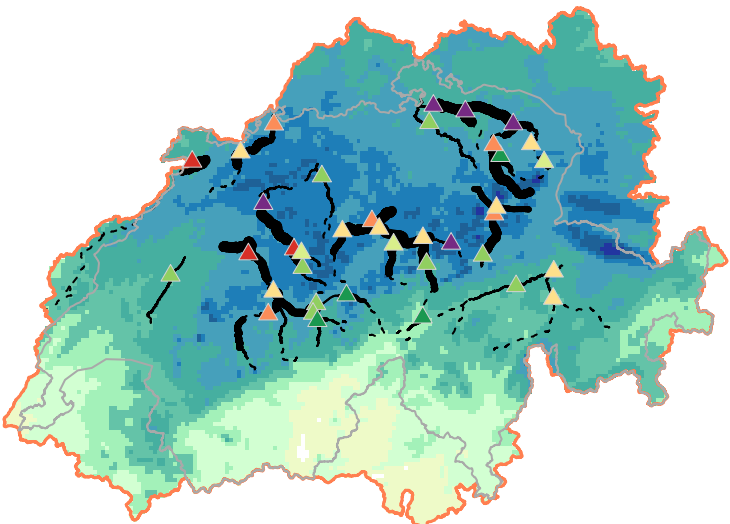
Wet preconditions
100-year precipitation event
Day 1 with ca. 20 mm precipitation on northern side of Alps. Day 2 dry. After that, same as Reference scenario.



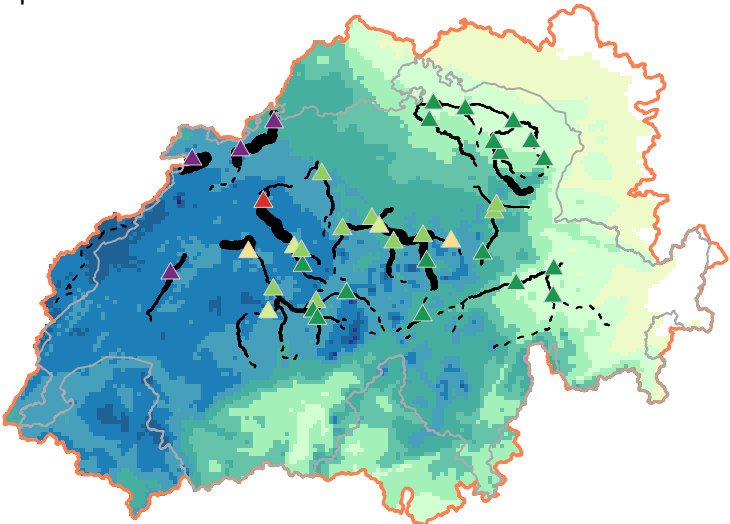
Reference scenario, West
100-year precipitation event
Precipitation hotspot further west than in Reference scenario. Little precipitation in eastern Switzerland, northern and central Grisons, and Engadine.



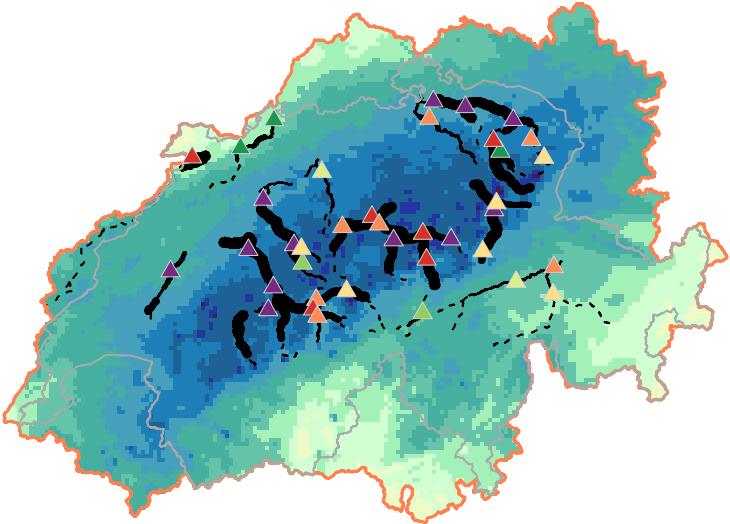
Focus on lakes, 5 days
100-year precipitation event
Similar spatial pattern as in Focus on Lakes, 3 days, but with slightly more precipitation. Unlike in Focus on Lakes, 3 days, there are two dry days.



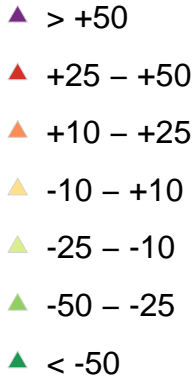
Precipitation+
300-year precipitation event
Similar spatial concentration of precipitation as in Reference scenario, but with 10–15 % more precipitation on northern side of Alps.



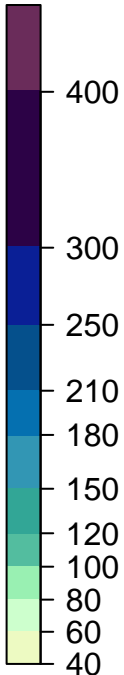
West+
300-year precipitation event
Widespread heavy precipitation in western Switzerland, along Jura mountains, and in canton of Bern. Less, but intense precipitation in Birs catchment.



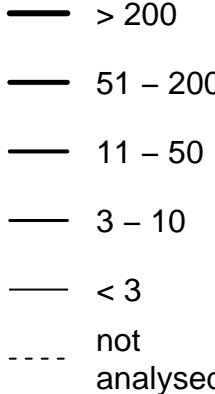
Worst case
1000-year precipitation event
Extreme precipitation across entire northern side of Alps.



Difference to highest discharge measured between 1999 and 2018 [%]



Precipitation [mm]



Number of affected buildings by floodplain