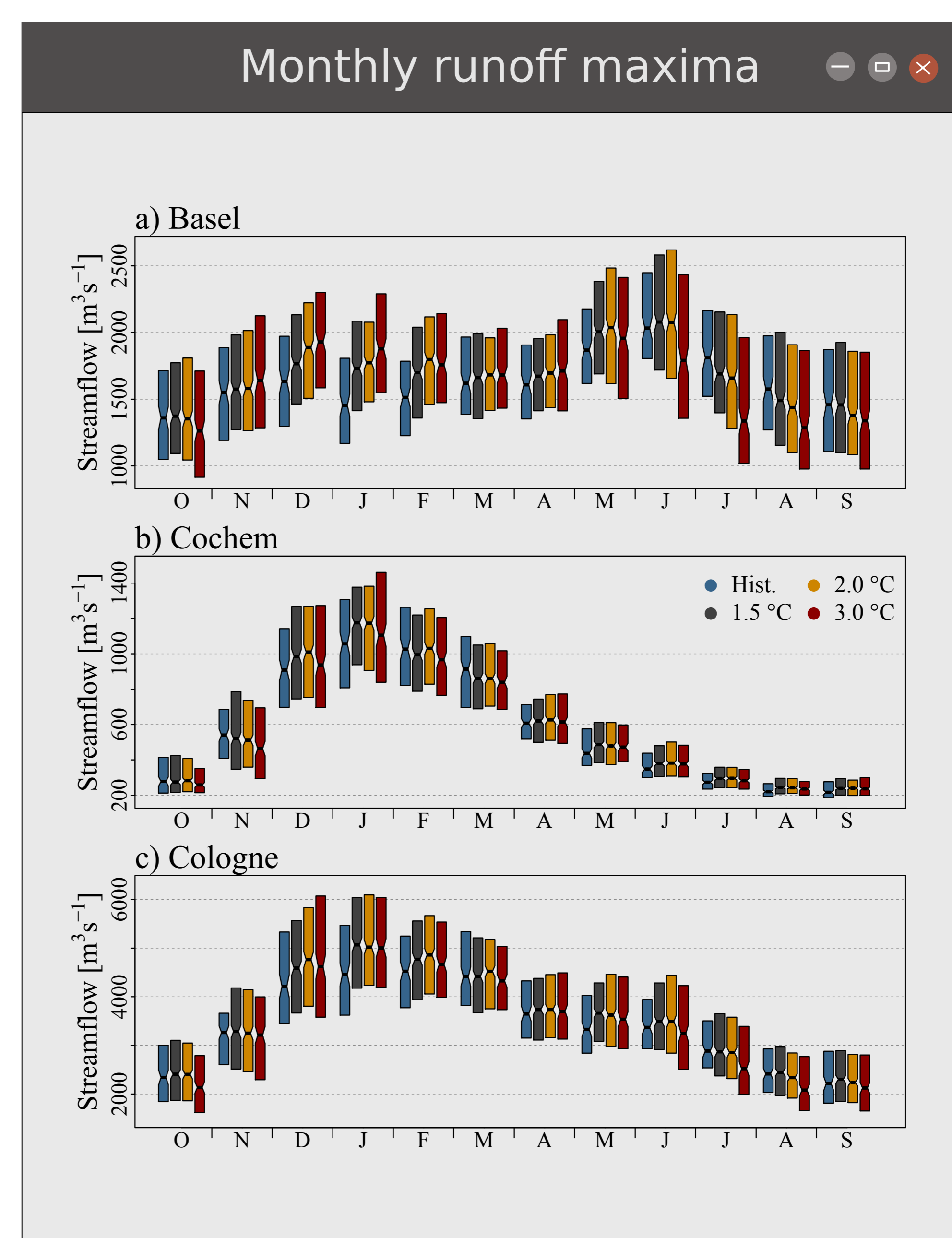
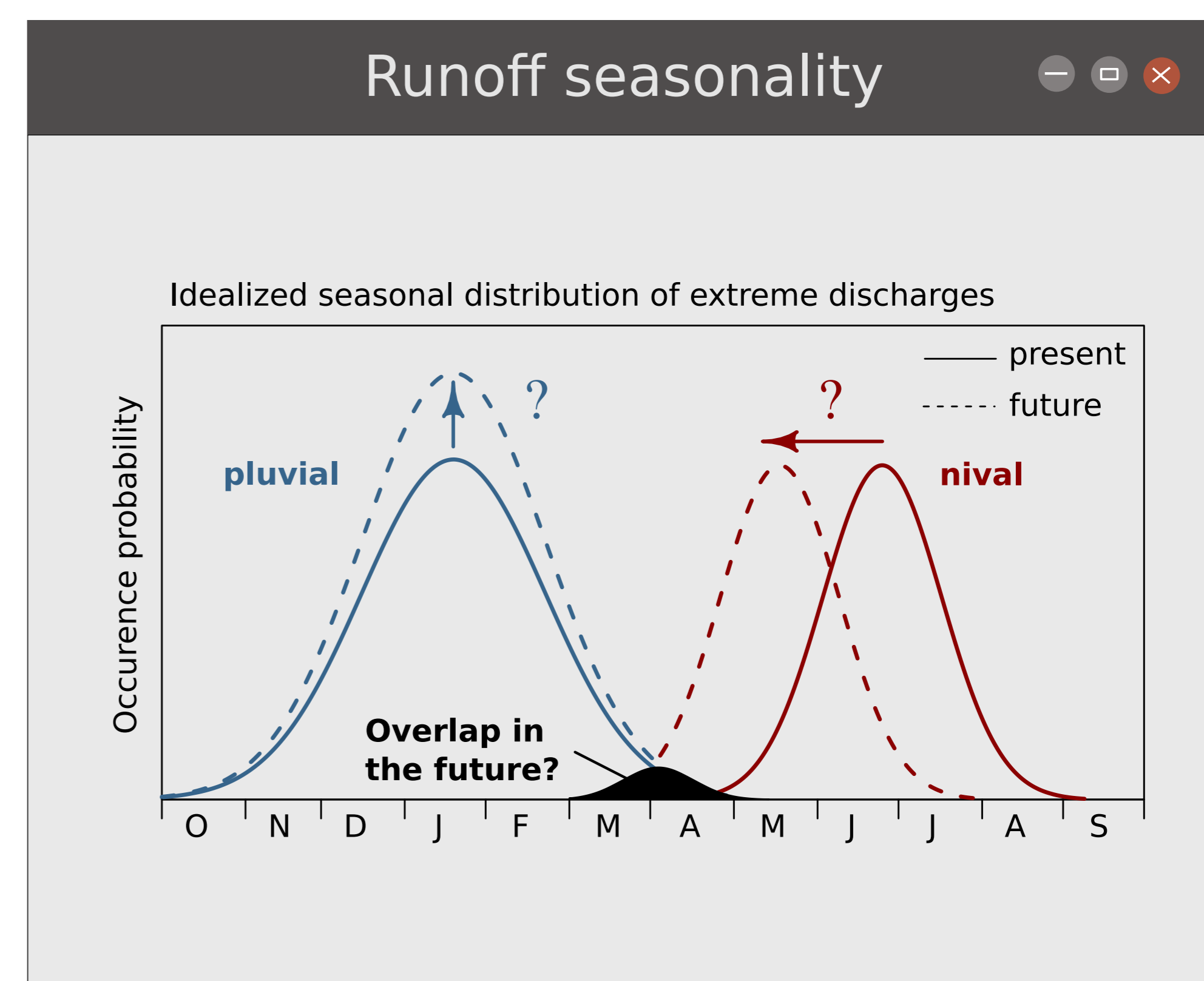
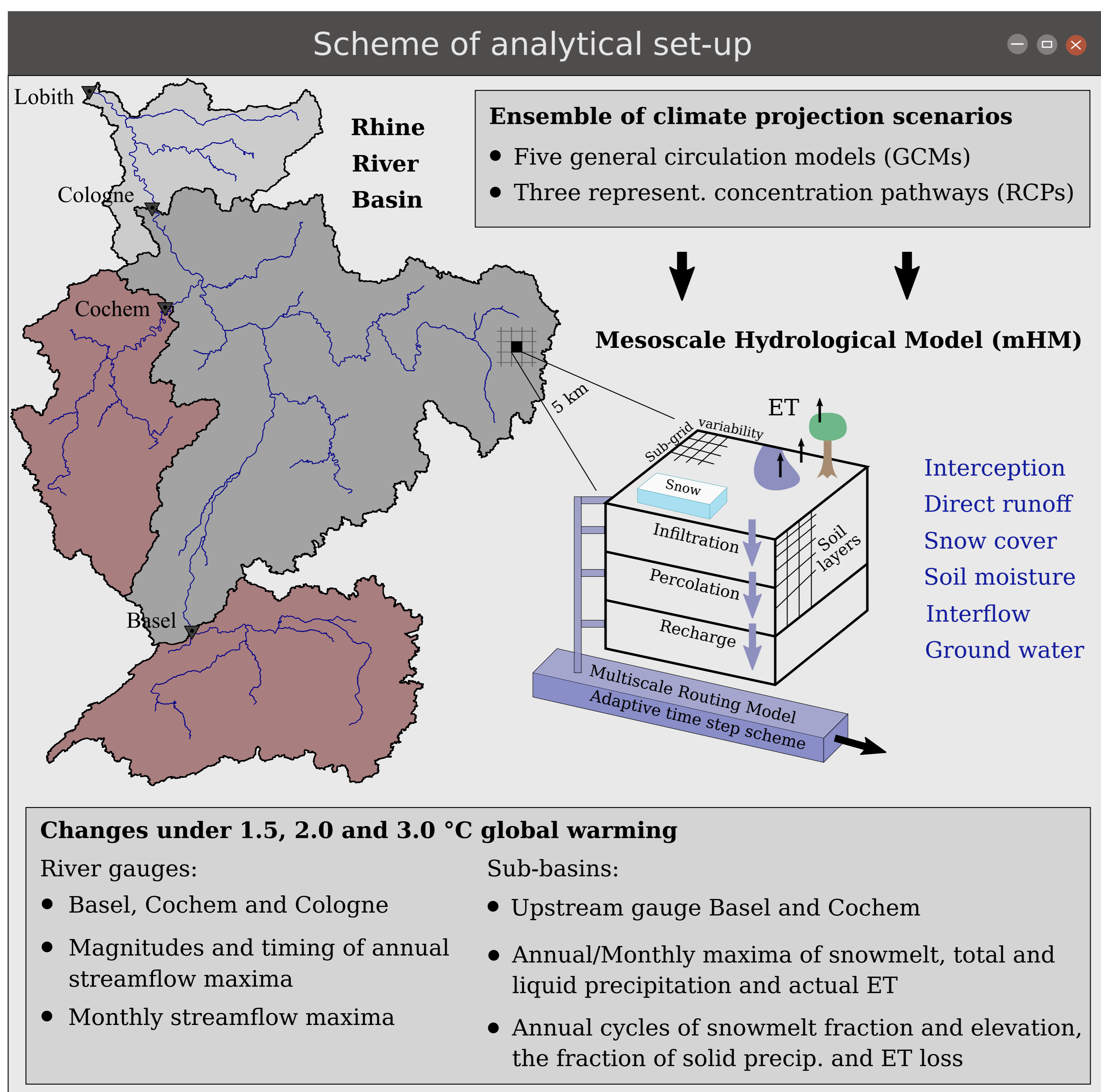


Changes in Rhine River flood characteristics at 1.5, 2.0 and 3.0 °C global warming



Results

- Significant changes in rainfall- and snowmelt-driven runoff
- Increased precipitation amounts and diminishing snowpacks
- Changes from solid to liquid precipitation enhance overall increase in precipitation sums
- Rising temperatures lower the risk of snowmelt-driven flooding throughout the snowmelt season
- Only small or transient changes when increased rainfall sums are counterbalanced by reduced snowmelt contributions
- No indications of a transient merging of pluvial and nival flood types in the Rhine Basin

Cancel

Further analysis...

Research article

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