



Interactive visualization of climate change diagnostics in a modern web application

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In this PICO presentation we introduce a novel web application that provides a visually appealing, interactive display of past or projected changes in regional climate to a wider audience. The DROUGHT-HEAT Regional Climate Atlas (<http://drought-heat.ethz.ch/atlas/>) implements visualizations based on outcomes of recently published analyses on projected changes in regional climate extremes and water-cycle indices as a function of projected changes in global mean temperature. These projections are based on simulations from the 5th phase of the Coupled Model Intercomparison Project (CMIP5). The web-based implementation enables a direct assessment of regional climate changes associated with global mean temperature targets, such as the 2 degree and 1.5 degree limits agreed within the 2015 Paris Agreement. We are currently planning to enhance the scope and versatility of the atlas by adding numerous additional features, including the support of a larger variety of plot types. By these means, the atlas can provide valuable climate change and impact related information to stakeholders and to the interested public.