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The PAGES 2k Network, Phase 3: Themes and Call for Participation

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The past 2000 years (the "2k" interval) provides critical context for understanding recent anthropogenic forcing of the climate and provides baseline information about the characteristics of natural climate variability. It also presents opportunities to improve the interpretation of proxy observations and to evaluate the climate models used to make future projections.

Phases 1 and 2 of the PAGES 2k Network focussed on building regional and global surface temperature reconstructions for terrestrial regions and the oceans, and comparing these with model simulations to identify mechanisms of climate variation on interannual to bicentennial time scales. Phase 3 aims to address major questions around past hydroclimate, climate processes and proxy uncertainties. Its scientific themes are:

Theme 1: "Climate Variability, Modes and Mechanisms"
Further understand the mechanisms driving regional climate variability and change on interannual to centennial time scales;

Theme 2: "Methods and Uncertainties"
Reduce uncertainties in the interpretation of observations imprinted in paleoclimatic archives by environmental sensors;

Theme 3: "Proxy and Model Understanding"
Identify and analyse the extent of agreement between reconstructions and climate model simulations.

Research is organized as a linked network of well-defined projects, identified and led by 2k community members. The 2k projects focus on specific scientific questions aligned with Phase 3 themes, rather than being defined along regional boundaries. New 2k projects can be proposed at any time at http://www.pastglobalchanges.org/ini/wg/2k-network/projects

An enduring element of PAGES 2k is a culture of collegiality, transparency, and reciprocity. Phase 3 seeks to stimulate community based projects and facilitate collaboration between researchers from different regions and career stages, drawing on the breadth and depth of the global PAGES 2k community. All PAGES 2k projects also promote best practises in data stewardship for the research community. The network is open to anyone who is interested. If you would like to participate in PAGES 2k or receive updates, please join our mailing list or speak to a coordinating committee member.