

#### Session title

GEWEX Global Groundwater Network

#### Description

The GEWEX Global Groundwater Network's mission is to constructively link hydrogeology and groundwater modeling to Earth System modeling in the Hydroclimate Panel (GHP) of GEWEX and beyond (<https://www.gewex.org/ggn/>). The Global Groundwater Network brings together scientists from the hydrogeologic and groundwater flow modeling communities with the land surface and Earth system modeling communities to formulate a concrete, multi-year science and research agenda. The Network focuses on contributing the hydrogeologic perspective to Earth system modeling. The core activities as part of Global Groundwater Network's mission are to build a strong community and establish a constructive, consistent voice for hydrogeology and groundwater modeling in Earth system modeling and GEWEX framework; identify benefits and opportunities for injecting hydrogeology and groundwater modeling into Earth system modeling; and include hydrogeologists and groundwater modelers into the discussion and development of Earth system modeling technologies in GEWEX. Therefore, the session solicits contributions to the core activities above, and more generally, studies dealing with concepts, modelling and observations that are relevant in the context of Earth system modeling.

#### Keywords

network, groundwater, global, earth system modeling

#### Session Chair

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#### Conveners

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