

GEWEX Hydroclimate Panel (GHP)

Chairs: Jason Evans & Joan Cuxart

Mission statement and panel highlights

*SSG-30 meeting, Washington DC (USA)
29 January- 1 February 2018*



The role of GHP within GEWEX

The GHP aims to address the GEWEX Science Questions from a regional and integrated perspective.

Only at the regional scale can the water cycle be addressed from its physical to human and socioeconomic dimensions

The Regional Hydroclimate Projects (RHPs) are an essential tool in this endeavour as they bring together various disciplines on water issues.

The cross-cut projects allow GHP to propagate knowledge from one region to another and synthesize results at the global scale. They also allow development and testing of applications developed with the new knowledge (actionable science).



GHP Highlights

Mature RHPs (HYMeX & CCRN) are very successful and with foreseen continuation activities.

Initiating RHP's are at different stages. Baltic Earth advances steadily and applies for Full Working status. OzEWEX reflects on redefining its scope towards a networking activity. HyVic is expanding its initial geographical region and must set renewed scientific objectives.

The prospective RHPs are PannEx, that has completed the Science and Implementation plans and applies for Initiating Status, and AndEx that has just assembled a working group, outlined a White Book and planned an open workshop in Oct-18.

Active CCs (INTENSE, INARCH and Prec-near-0°C) are all near the end and continuation is an open issue for all of them. Three new CC are in discussion (*Water management in models*, *Mounterrain on prec cover complex terrain*, and *Evapotranspiration determination*).

The relation with chinese-lead TPE is taking shape after the joint TPE-GHP workshop in Kathmandu last October. TPE may explore how to collaborate with GEWEX through a CC entitled "*TPE Water security*", currently under discussion within that community.

The unknowns of RHPs in Western USA and South-Eastern Asia persist.

A discussion on GHP functioning and further steps would be most welcome.

