

Webinar on the Nexus Analysis of Water Scarcity

Agenda

17th December, 2018

- 4:30 PM Opening Remarks by **Shri R.P. Gupta**, *Additional Secretary (Energy), NITI Aayog*
- 4:35 PM Additional Remarks by **Julia Kennedy**, *Deputy Director, Clean Energy and Environment Office, USAID*
- 4:40 PM Remarks by **Ms. Meredydd Evans**, *Senior Staff Scientist, Pacific Northwest National Laboratory (PNNL)*
- 4:45 PM Presentation by **TERI/CEEW**
[Energy-Water-Food Nexus](#)
- 5:00 PM Presentation by **Dr. Zarrar Khan, PNNL and Dr. Mohamad Hejazi, PNNL**
[“Nexus analysis of water scarcity in India”](#)
- 5:45 PM Discussion
- 6:00 PM Closing Remarks

The goal of the webinar was to present new open-source modeling tools for analysis of water availability and scarcity in India at varying spatial scales. The open source tools Xanthos, GCAM, and Tethys calculate gridded water availability and water demands while capturing interactions with other sectors. Users can also calculate water stress ratios using this data on gridded water availability and demands. The tools help explore impacts of future water supply on water stress under different climate pathways.