

Chunling Tang, Hydrologist, in EPA's National Exposure Research Laboratory

Computational Exposure Division

[Mailing Address](#)

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Area of Expertise: Chunling Tang has expertise in land surface modeling, coupling land surface and climate models, such as VIC and WRF models.

Select Publications:

- C. Tang, B.T. Crosby, J. M. Wheaton, T. Piechote, and D. Chen. 2014. Is PDO or AMO the climate driver of soil moisture in the Salmon River Basin, Idaho? *Global and Planetary Change*, doi.org/10.1016/j.gloplacha.2014w.05.008
- C. Tang, and R. Dennis, 2014. How reliable is the offline linkage of Weather Research & Forecasting Model (WRF) and Variable Infiltration Capacity (VIC) model? *Global and Planetary Change*, doi.org/10.1016/j.gloplacha.2014.01.014 .
- C. Tang, B.T. Crosby, J. M. Wheaton, and T. Piechota, 2012. Assessing streamflow sensitivity to temperature increases in the Salmon River Basin, Idaho. *Global and Planetary Change*, doi.org/10.1016/j.gloplacha.2012.03.002 .
- J. M. Davis, C.V. Baxter, C. Tang, et. 2012. Climate-induced shift in hydrological regime alters basal resource dynamics in wilderness river ecosystem. *Freshwater Biology*, DOI:doi:10.1111/fwb.12059.
- D. Chen and C. Tang*, 2012. Evaluating secondary flows in the evolution of sine-generated meanders. *Geomorphology*, doi.org/10.1016/j.geomorph.2012.04.010 (Corresponding author)
- C. Tang, T. Piechota 2011. Relationships between oceanic-atmospheric patterns and soil moisture in the Upper Colorado River Basin. *Journal of Hydrology*, doi.org/10.1016/j.jhydrol.2011.09. 035.

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Education:

- B.S. Civil Engineering, North China University of Water Resources & Electric Power, 1994
- M.S. Civil Engineering, North China University of Water Resources & Electric Power 1997
- Ph.D. in Civil and Environmental Engineering, University of Nevada, Las Vegas, 2007

Professional Experience:

- Hydrologist, U.S. EPA, Research Triangle Park, NC, 2015- present
- Physical Scientist/EPA postdoc, U.S.EPA, Research Triangle Park, NC, 2011-2015
- Research Scientist/Engineer III, University of Washington, Seattle, WA, 2010 – 2011
- Research Associate, Idaho State University, Pocatello, ID, 2009-2010
- Hydrology Engineer, The Louis Berger Group, Las Vegas, NV, 2007-2009
- Research Assistant, University of Nevada, Las Vegas, NV, 2003-2006

Honors and Awards:

- Grant Scholarship, University of Nevada, Las Vegas, NV, 2005 and 2006
- Highest honor student in the graduate colleague of NCUW
- Best student award four years in a row with scholarship in NCUW