

CEE 6930 Special Problems (CRN 44850)

Advanced Hydrology through [CUAHSI Virtual University](https://www.cuahsi.org/virtual-university/)

Fall 2026

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CUAHSI Virtual University is a unique national online course, consisting of highly specialized water research modules from recent research advances. It aims to enhance the depth of graduate course offerings at universities across the nation. Students from participating universities enroll in a subset of modules of their choosing. Students earn credit at their home institutions. Each module is offered by an instructor at one of the participating universities scheduled in a four week block at the times below. Students choose which of these modules they want to take. **Register for one unit of CEE 6930 (CRN 44850) for each module you will take.** Each module is significant work, and three modules are equivalent to a full semester course. Classes are taught online using Zoom and Canvas by the instructor from a participating university.

	Module 1: Sep. 8 - Oct. 5	Module 2: Oct. 7 - Nov. 3	Module 3: Nov. 4 - Dec. 3
Monday/Wednesday 2:30-4:00 pm ET / 12:30-2:00 pm MT	Applying Geographic Information Systems for Terrain and Watershed Analysis in Hydrology David Tarboton, Utah State University	Reactive Transport Modeling in Hydrologic Systems Zach Perzan, Univ. of Nevada, Las Vegas	Python-Based Watershed Modeling Using Landlab Erkan Istanbuluoglu, Univ. of Washington
Monday/Wednesday 11 am-12:30 pm ET / 9-00-10:30 am MT		Hydrological Catchment Modeling Using Bucket-Type Models Jan Seibert, University of Zurich	Ecohydrology of Groundwater Dependent Ecosystems Steven Loheide, Univ. of Wisconsin – Madison
Tuesday/Thursday 2:30-4:00 pm ET / 12:30-2:00 pm MT	Standardized ET Modeling for Agricultural Applications Meetpal Kukal, University of Idaho	Stable Isotopes in Hydrology Emily Burt, Univ. of Nevada, Reno	Integrated Hydrologic Modeling with ParFlow Laura Condon, University of Arizona

Times are given in Eastern Time (ET) as well as Mountain Time (MT) used in Utah.

To attend, you register twice:

- Register at USU for CEE 6930 to receive USU credit (1 unit / module)
- Register at [CUAHSI](https://www.cuahsi.org/virtual-university/) to enter into the CUAHSI system

For more information, see

<http://hydrology.usu.edu/dtarb/CUAHSIVirtualUniversity/>

