



## Short Course

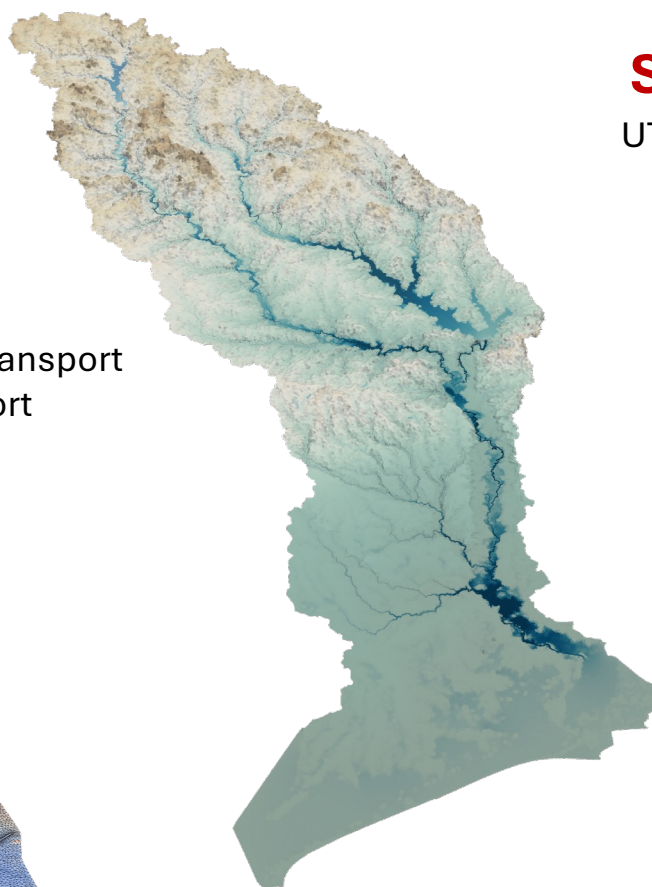
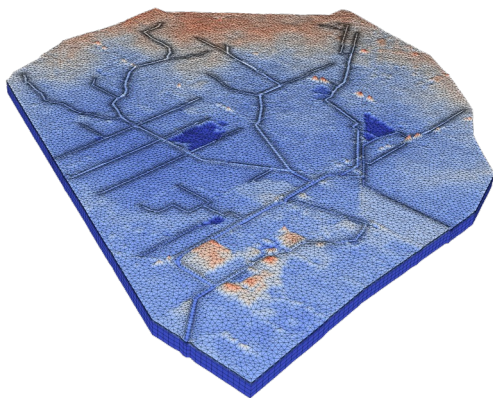
Spatially Explicit Integrated Hydrologic Modeling

### Learn Advanced Hydrologic Modeling

- Coupled surface/subsurface flow and transport
- Watershed hydrology and solute transport
- Canopy hydrology & evapotranspiration
- Thermal processes & frozen soils
- Reactive transport

Hands-on interactive examples

Bring your own problem to collaborate with developers!



**September 8-10, 2025**

UT Conference Center, Knoxville, TN

Oak Ridge National Laboratory

*Virtual Attendees Welcome*

### 3-Day Program:

Sept 8: Introduction to Modeling  
ORNL tours (optional day)

Sept 9: ATS concepts,  
flow & reactive transport

Sept 10: Model setup  
Watershed Workflow  
Advanced topics

Course website: <https://amanzi.github.io/ats-short-course>

Registration Deadline: **August 1, 2025**

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