Join us for a two-day regional in-person regional XSEDE workshop hosted by the University of Texas at El Paso. This workshop is open to faculty, researchers, and students from all disciplines who are interested in learning how to incorporate modeling and simulation, advanced data analysis and visualization, and high performance computing into their teaching and research.

The workshop agenda includes overviews of XSEDE, TACC, and UTEP computational, data analysis, visualization, and data storage resources and hands-on sessions on parallel programming, scientific visualization, and simulation and modeling tools for the classroom. There will be parallel tracks to allow training at different levels and coverage of different topics.

- **UTEP’s High Performance Computing Virtual Research Laboratory** – the Research Cloud @ UTEP – combines cloud and virtualization technologies, as well as parallel computing techniques, to enable researchers to remotely employ multiple processing elements simultaneously to solve a problem, reducing the time to solution.

- The Texas Advanced Computing Center (**TACC**) at The University of Texas at Austin is one of the leading centers of computational excellence in the United States.

- **XSEDE** is the most advanced, powerful, and robust collection of integrated digital resources and services in the world. It is a single virtual system that scientists can use to interactively share computing resources, data, and expertise.

Learn how you can harness the power of these resources to accelerate your research and enrich your teaching by registering for this free workshop at the XSEDE User Portal training calendar. (If you do not have an XSEDE portal user account, you will be prompted to create one before you can register for the workshop.)

A pre-event survey at [https://www.surveymonkey.com/s/ZTHK5Y3](https://www.surveymonkey.com/s/ZTHK5Y3) is required for your registration to be complete. The survey provides the workshop planning committee with the information necessary to tailor the workshop topics and hands-on training sessions to best meet your needs.

Registration closes January 18, 2012.

Questions about the workshop can be sent to pteller@utep.edu or akli@sura.org.