Given that physical and social processes have a spatial and a temporal component, geospatial revolution is becoming part of the mainstream education to increase our spatial thinking. The growth of geospatial and information and communication technologies has enabled the availability of geospatial data from satellites, sensors, and location-based technologies (e.g. GPS) that create a geographic knowledge base essential to build an interconnected global community and solve real world problems.

The purpose of this session is to provide an overview of geospatial technology and how it can be used in education. This session will discuss the pathways available in Texas for students to obtain geospatial education and appropriate degrees and be part of the geospatial industry workforce.

This session is intended for educators, students, administrators and parents of K-12 students to help them increase their use of geospatial technology in the classroom. It is expected that an audience of about 50 will attend the session, and no skill is required for this session.