Google Earth Engine (GEE) is becoming one of the most sophisticated and powerful image processing/image collection platforms on the planet. GEOG 589: Emerging Trends in Remote Sensing, will introduce this incredible environment in Summer 2019. A tentative list of topics to be covered includes:

- Orientation to the Google Earth Engine Platform
- Intro to JavaScript Programming
- Working with GEE Image Collections and Ancillary Data
- Change Detection with GEE
- Time Series Analysis using the GEE Platform
- Image Classification with GEE

Students will gain hands-on experience with the GEE platform through a series of lessons and a full-semester project. No previous experience in programming is necessary to take this course.

This class will start in May, 2019. To register, please visit us at www.pennstategis.com

If you have questions about this class, please contact the instructor:

Dr. Douglas Miller
Research Professor of Geography
Departments of Geography and Ecosystem Science and Management
dougmiller@psu.edu

How Do Classes Work?

We teach our classes in 10-week long terms. Five of these terms are offered each year, meaning you can start/stop your studies at the times that work best for you.

All classes are 100% online, and asynchronous with weekly pacing for assignments and activities.

More than 6000 professionals have taken online geospatial education classes with Penn State since 1999.