

GOES-R

GEOSTATIONARY OPERATIONAL ENVIRONMENTAL SATELLITE R-SERIES



SCIENCE SEMINAR

In an effort to promote more frequent communication with the user community about GOES-R science and demonstration activities, please join us for the **February GOES-R Science Seminar** on **Friday, February 26th**, from **12:00 PM to 1:00 PM ET** featuring:

Earth Engine: Google's Cloud Platform for Big Data Analytics

Presented by: **Dr. Tyler A. Erickson**

For those who cannot attend, we will be recording the seminar and will make it available on the GOES-R website. Please stay tuned for information on next month's seminar event.



Dr. Tyler A. Erickson is a Senior Developer Advocate at Google, where his primary focus is on Earth Engine, a cloud-based geospatial analysis platform designed for massive global-scale analysis of environmental data. In this role, he fosters collaborations with researchers, NGO's, and governmental organizations seeking to capitalize on Earth Engine's capabilities for geospatial analyses that involve immense satellite and model-based datasets. Dr. Erickson leads the development of Earth Engine's core efforts in water and climate, and guides the evolution of Earth Engine to support these scientific domains.

Google Earth Engine

FAQ TIMELAPSE DATASETS

A planetary-scale platform for Earth science data & analysis

Powered by Google's cloud infrastructure

Abstract:

Earth Engine is Google's cloud platform for petabyte-scale analysis of satellite imagery and other geospatial data. Originally conceived in 2009 as a platform for global forest monitoring, today scientists, governments, and NGOs around the world are using Earth Engine in areas ranging from food and water security to disaster risk management, public health, biodiversity, and climate change adaptation. This talk will describe the trends and technologies that informed Google's development of the Earth Engine platform over the past six years, as well as our experiences helping partners apply the platform to these global challenges as we work towards our vision of a living, breathing dashboard of the planet.

<http://earthengine.google.com>

If you have any questions or wish to present your work, please contact Ashton Armstrong (ashton.armstrong@noaa.gov)