



ALASKA CHAPTER OF THE WILDLIFE SOCIETY 2020 ANNUAL MEETING AND WORKSHOPS

**Alaska Pacific University
Anchorage, Alaska
February 10th – 14th, 2020**



GOOGLE EARTH ENGINE WORKSHOP February 10th All Day

This workshop will provide an introduction to the Google Earth Engine cloud-computing platform. Earth Engine provides immediate access to over 50 Petabytes of Earth observation data such as Landsat, MODIS, and Sentinel imagery in addition to climatology datasets. Students will learn how to access and subset these datasets, perform spatial analyses on them, and output the results in map and tabular form. The morning session will begin with an introductory lecture on Earth Engine, followed by a hands-on beginner workshop writing Javascript client-side code to interface with Earth Engine. For the afternoon, an intermediate session (more hands-in programming) will cover satellite imagery classification and terrain mapping.

No previous experience with Earth Engine or JavaScript is necessary for the workshop, but programming experience, basic knowledge of remote sensing and/or GIS are highly desirable. Willingness to learn programming is required.

All participants should bring a laptop computer with Google Chrome installed. Please also [register to use Earth Engine](#) prior to the workshop.