Remote sensing research and operations in the BC Government

March 18, 2022

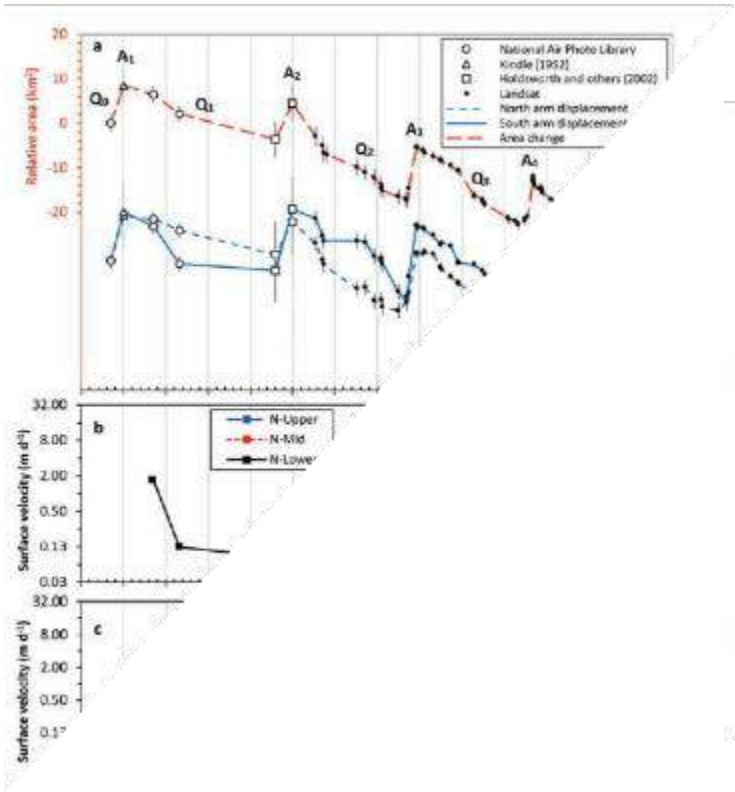
Alexandre.Bevington@gov.bc.ca

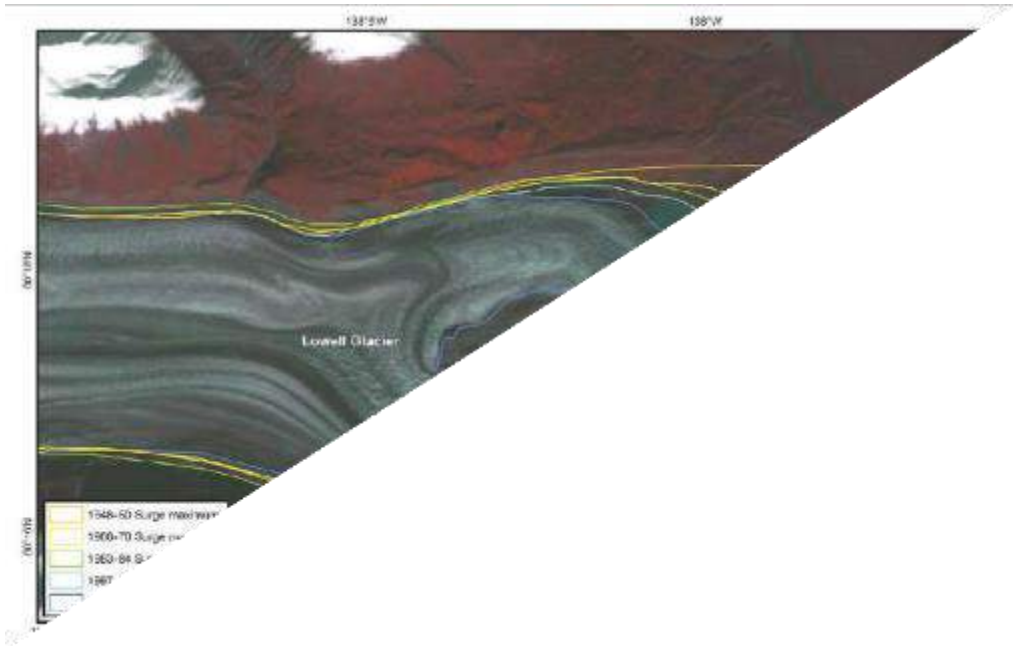
Journal of Glaciology, Vol. 60, No. 219, 2014 doi: 10.3189/2014JoG13J134

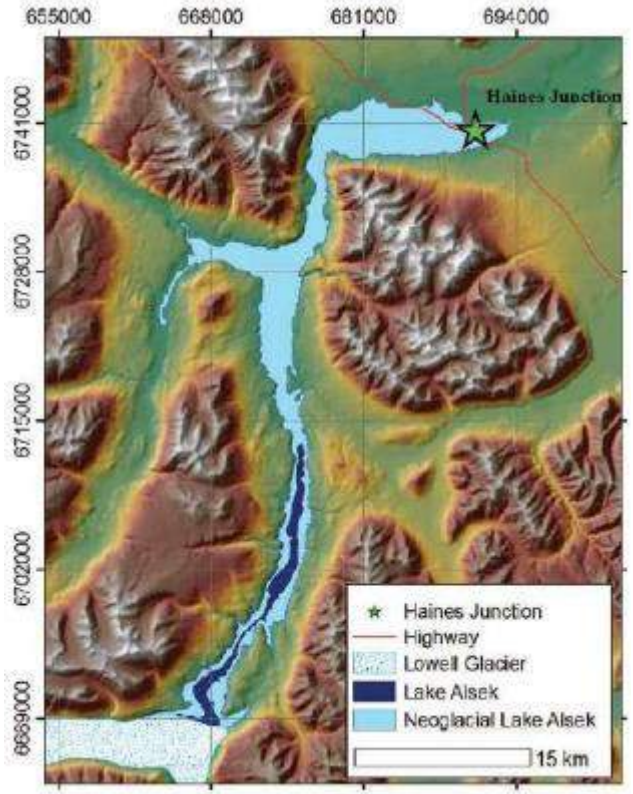
Characteristics of the last five surges of Lowell Glacier, Yukon, Canada, since 1948

Alexandre BEVINGTON, Luke COPLAND

Department of Geography, University of Ottawa, Ottawa, Ontario, Canada
E-mail: luke.copland@uottawa.ca







https://www2.gov.bc.ca/assets/gov/environment/research-monitoring-and-reporting/research/research-program/flnrord_research_strategy2021-24.pdf

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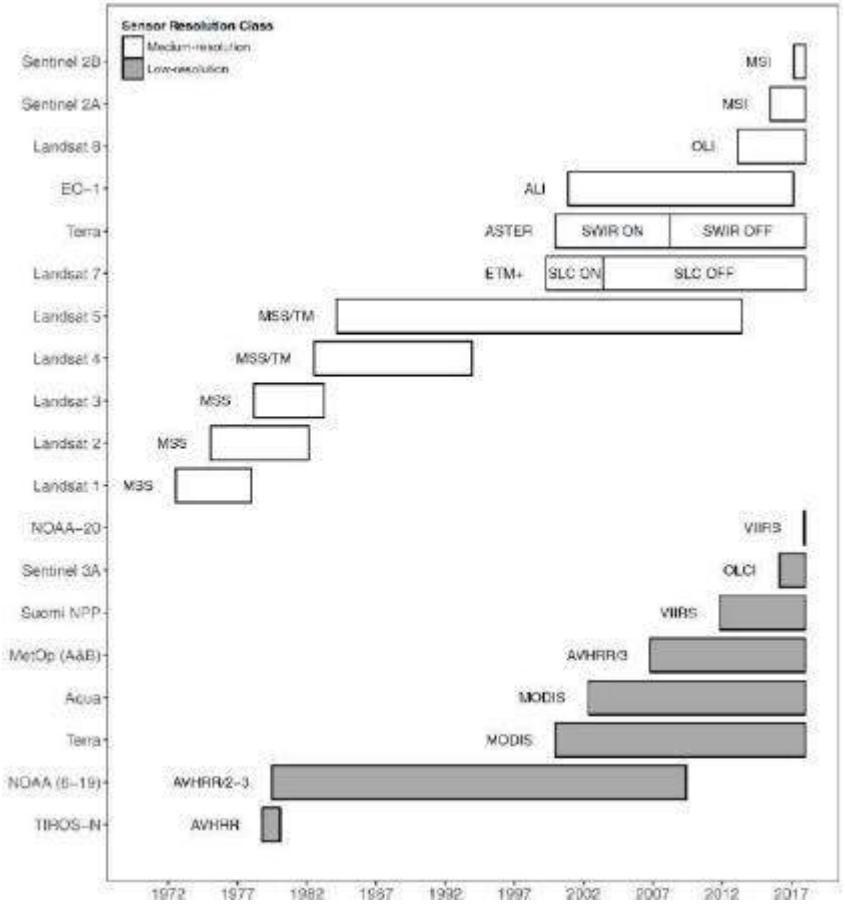
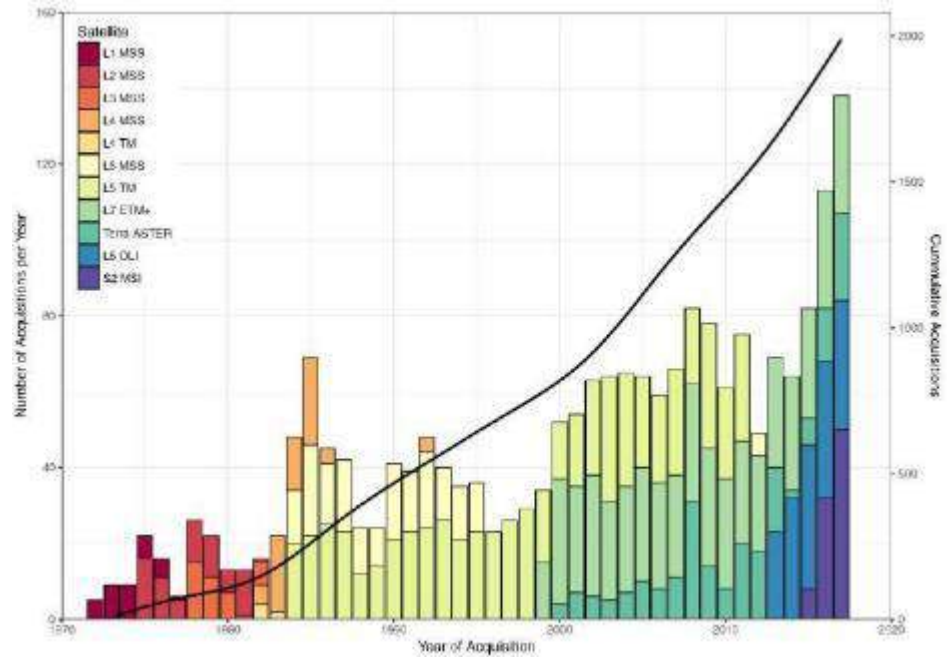
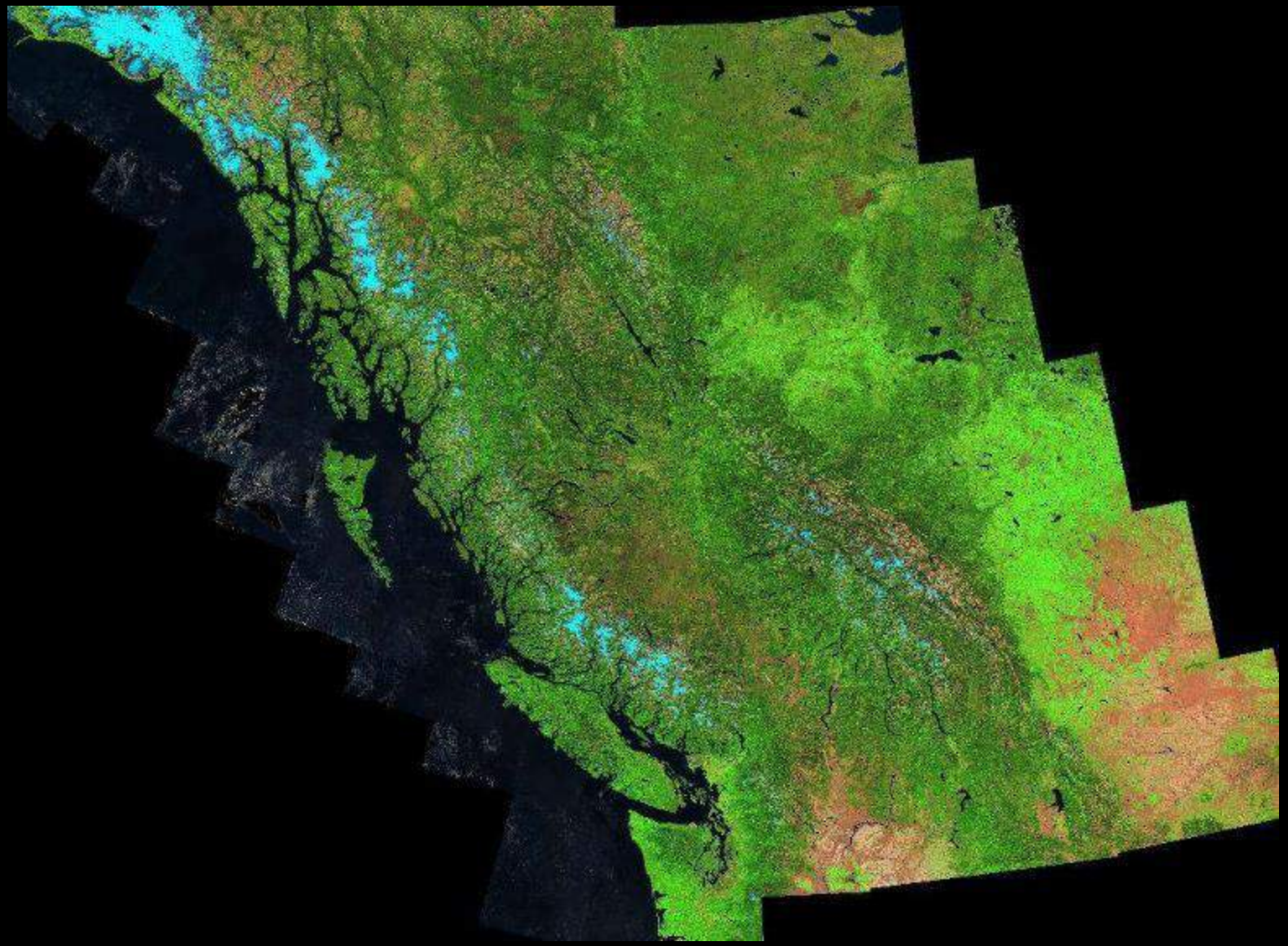






1984-2018

Earth Engine service issues

Inbox ×

[redacted]@google.com> Sun, 19 Feb 2017, 22:01 ☆ Reply ⋮

to me

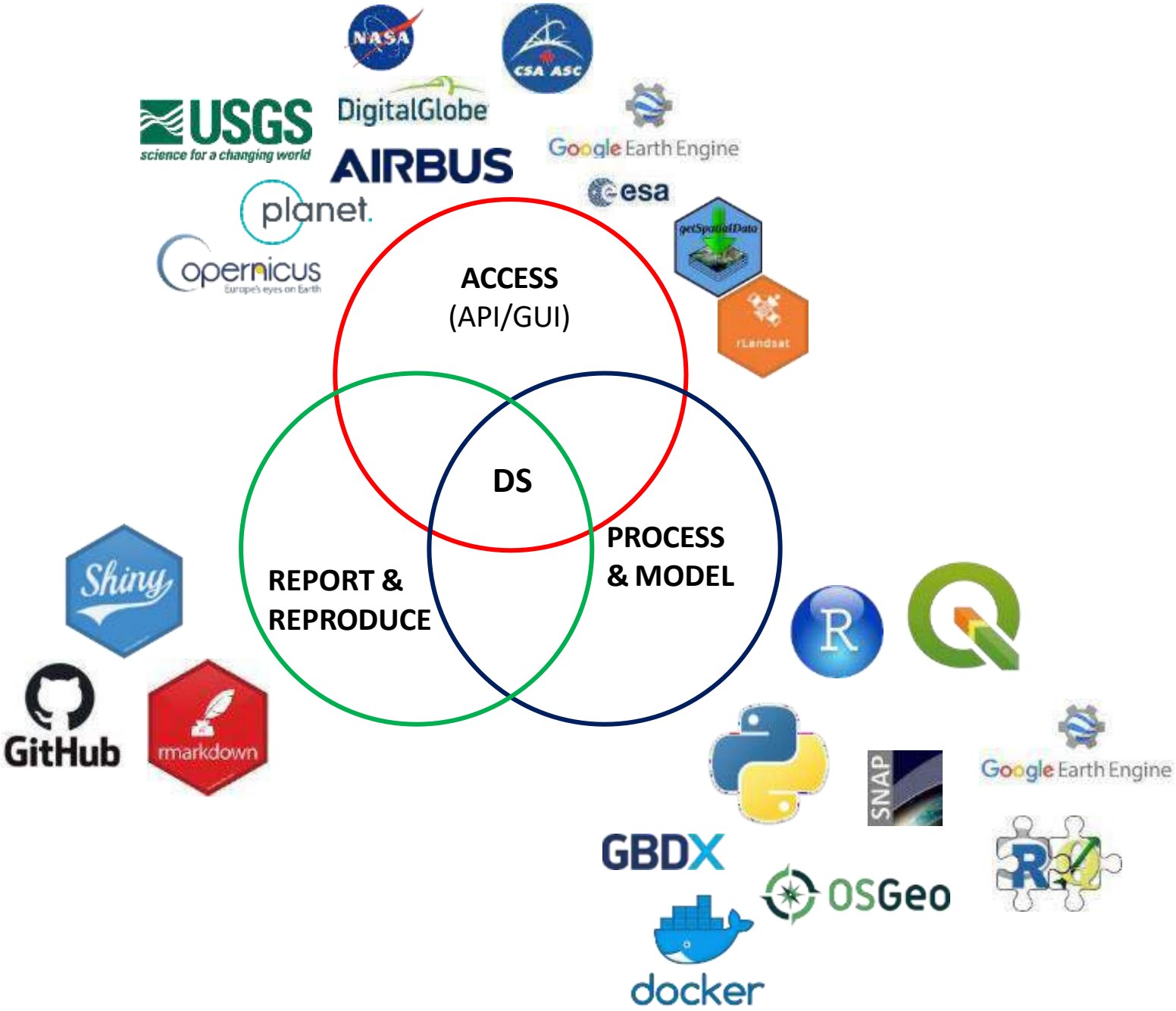
Greetings, I am monitoring some unusual activity on the Earth Engine backend that appears to be related to scripts you are running.

Would you mind stopping any running scripts or exports, until we can diagnose the precise cause of the issues? Something about your script is causing us issues.

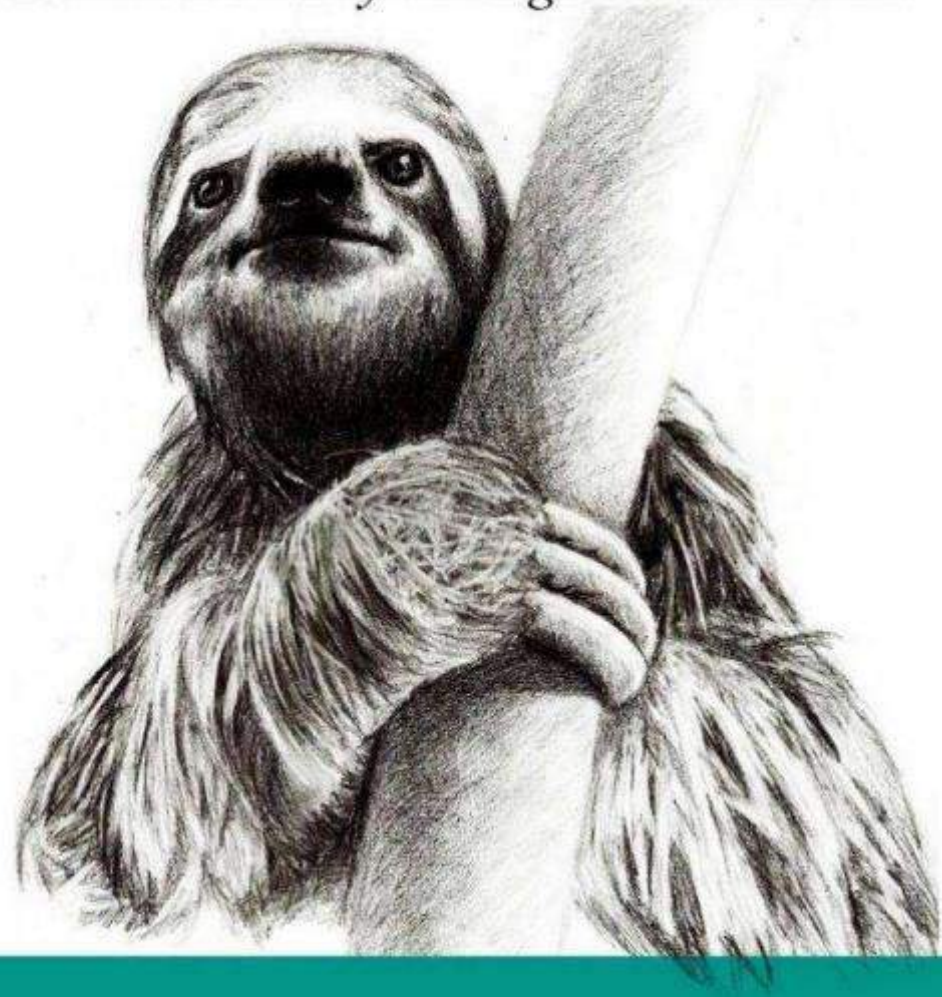
Additionally, would you mind sharing your script? We can often help optimize quite substantially, and get everyone moving again in short order.

Best regards,

[redacted]


NASA
CSA ASC
USGS
science for a changing world
DigitalGlobe
AIRBUS
Google Earth Engine
esa
planet.
Copernicus
Europe's eyes on Earth
getSpatialData
rLandsat
ACCESS
(API/GUI)
DS
REPORT &
REPRODUCE
PROCESS
& MODEL
Shiny
GitHub
rmarkdown
R
SNAP
Google Earth Engine
GBDX
OSGeo
docker

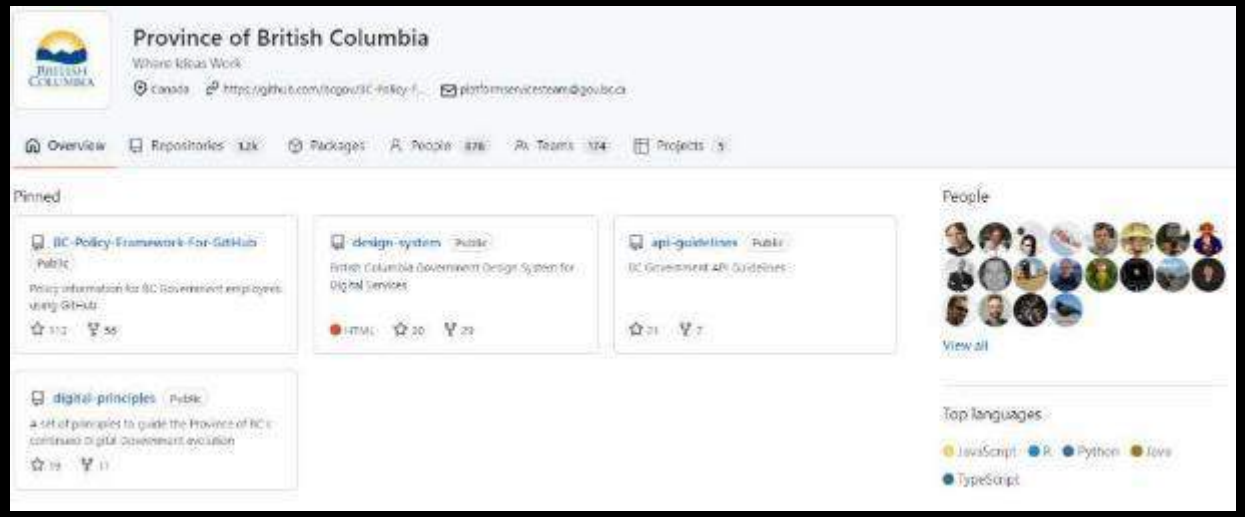
Cutting corners to meet arbitrary management deadlines

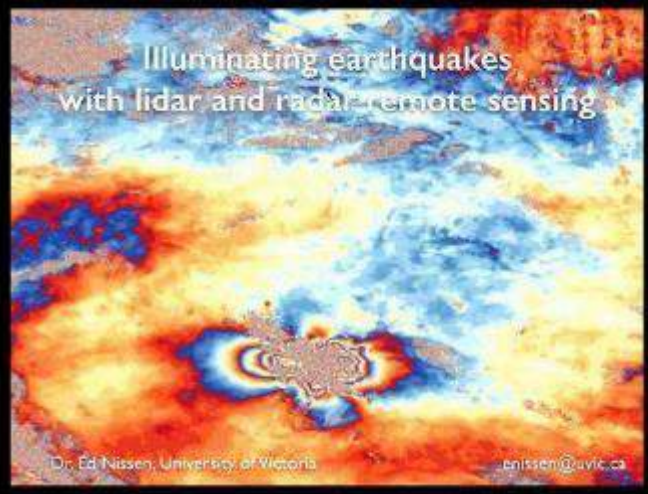


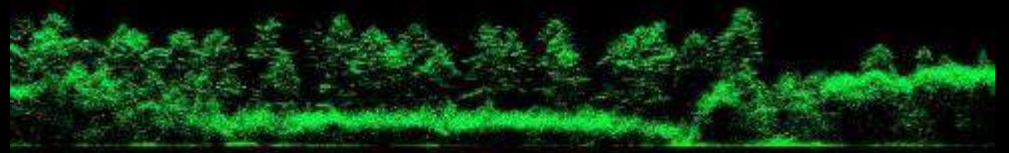
Essential

Copying and Pasting from Stack Overflow

Communities of Practice, Git and Workshops







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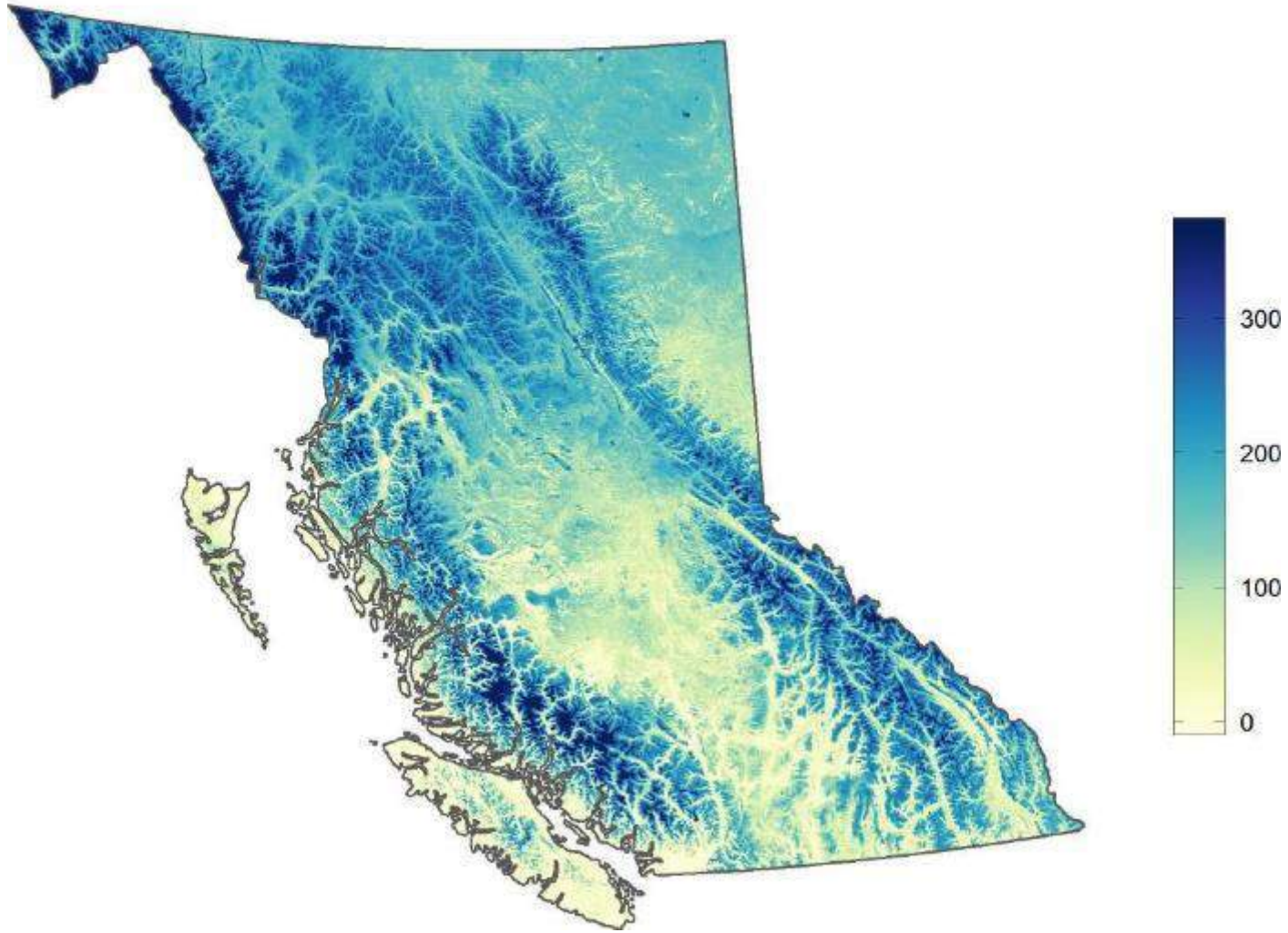
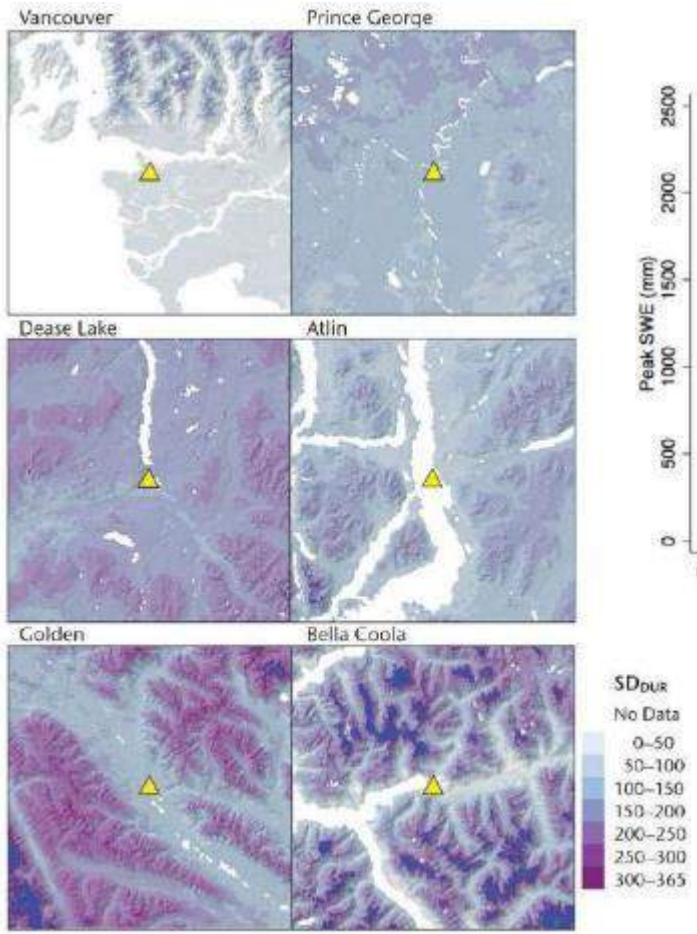
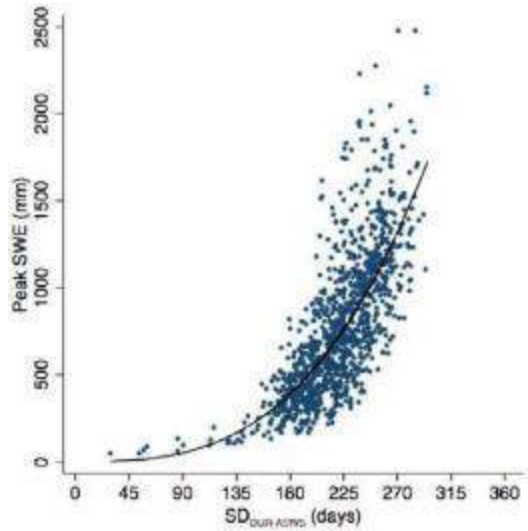
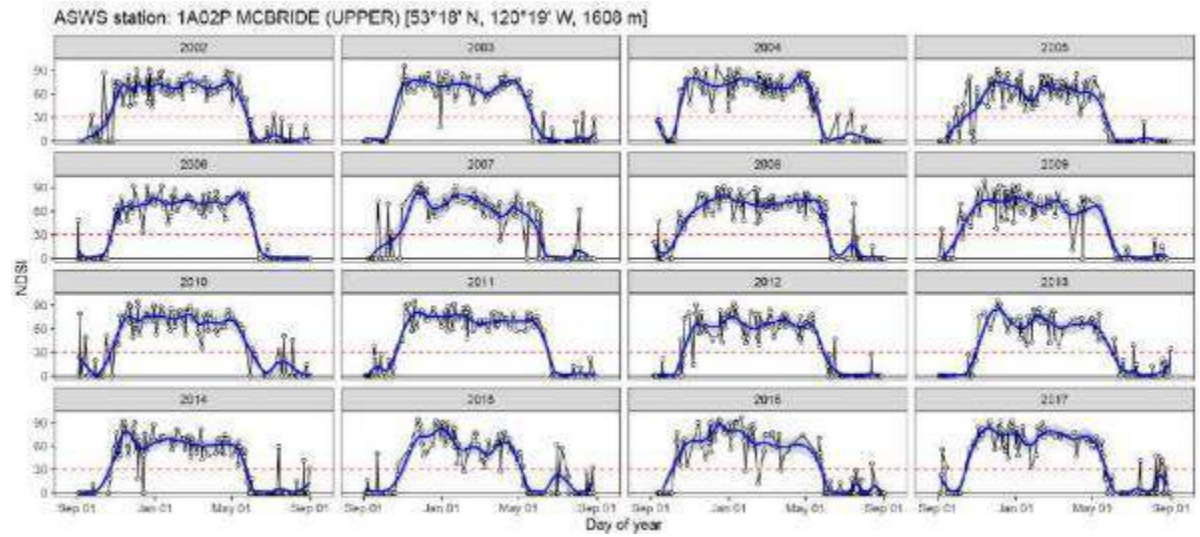


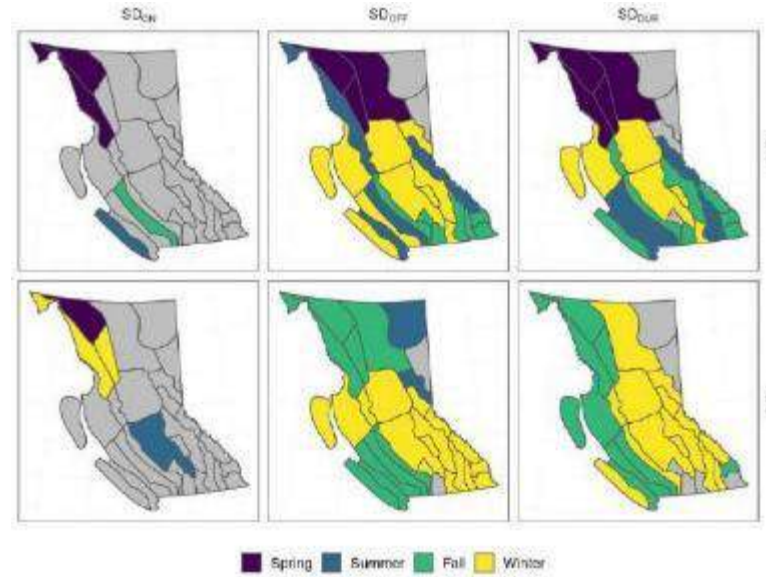
Regional influence of ocean–atmosphere teleconnections on the timing and duration of MODIS-derived snow cover in British Columbia, Canada

Alexandre R. Bevington[1,2], Hunter E. Gleason[1], Vanessa N. Foord[1], William C. Floyd[3,4], and Hardy P. Griesbauer[1]







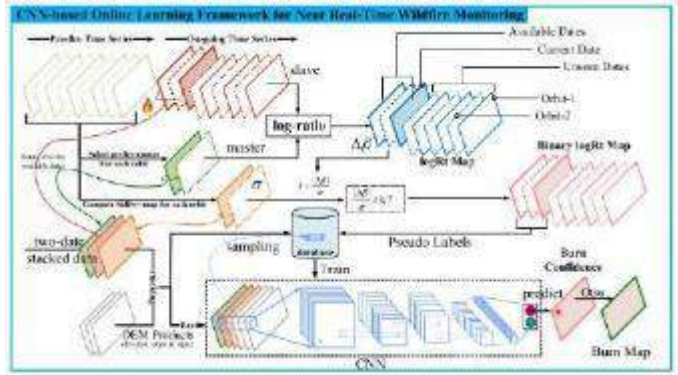


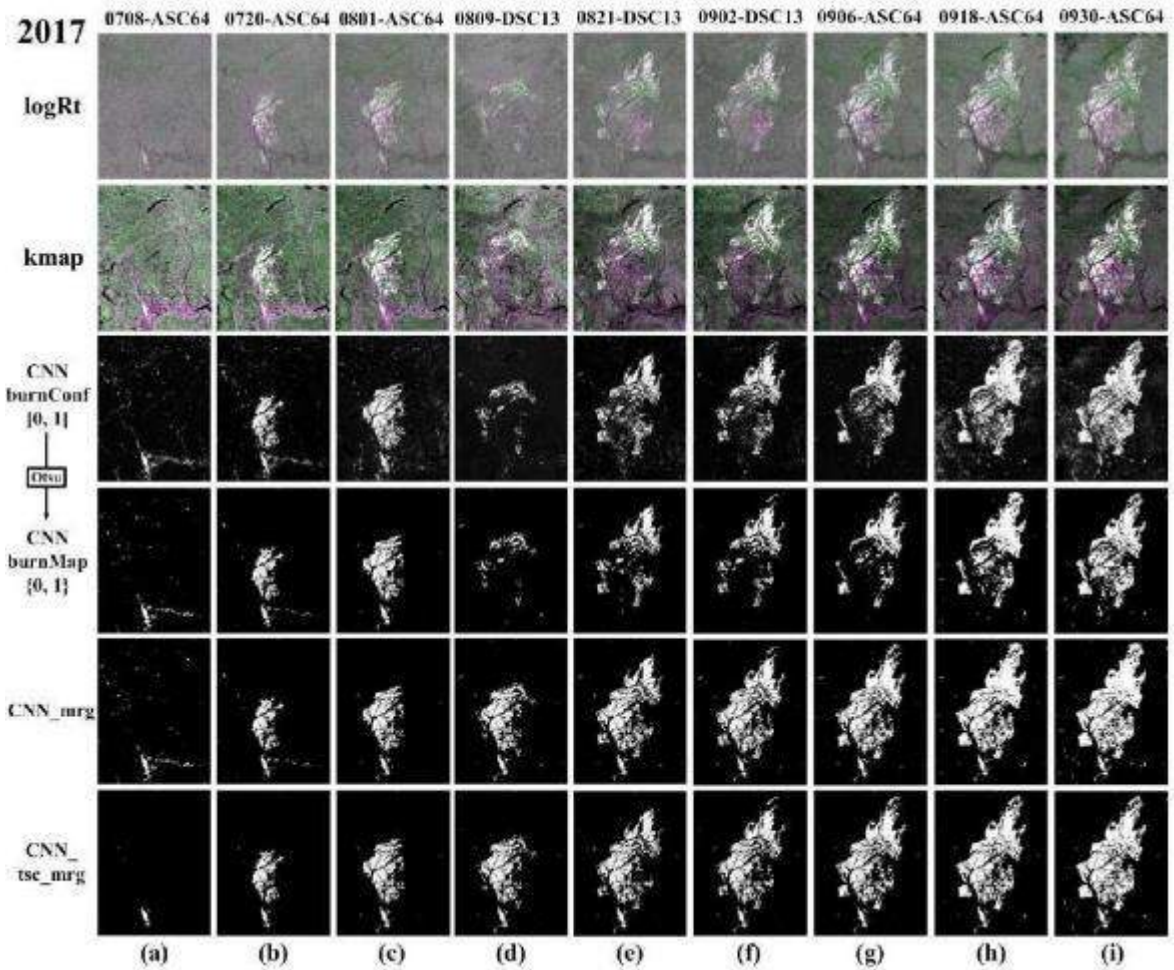
SCIENTIFIC REPORTS
nature research

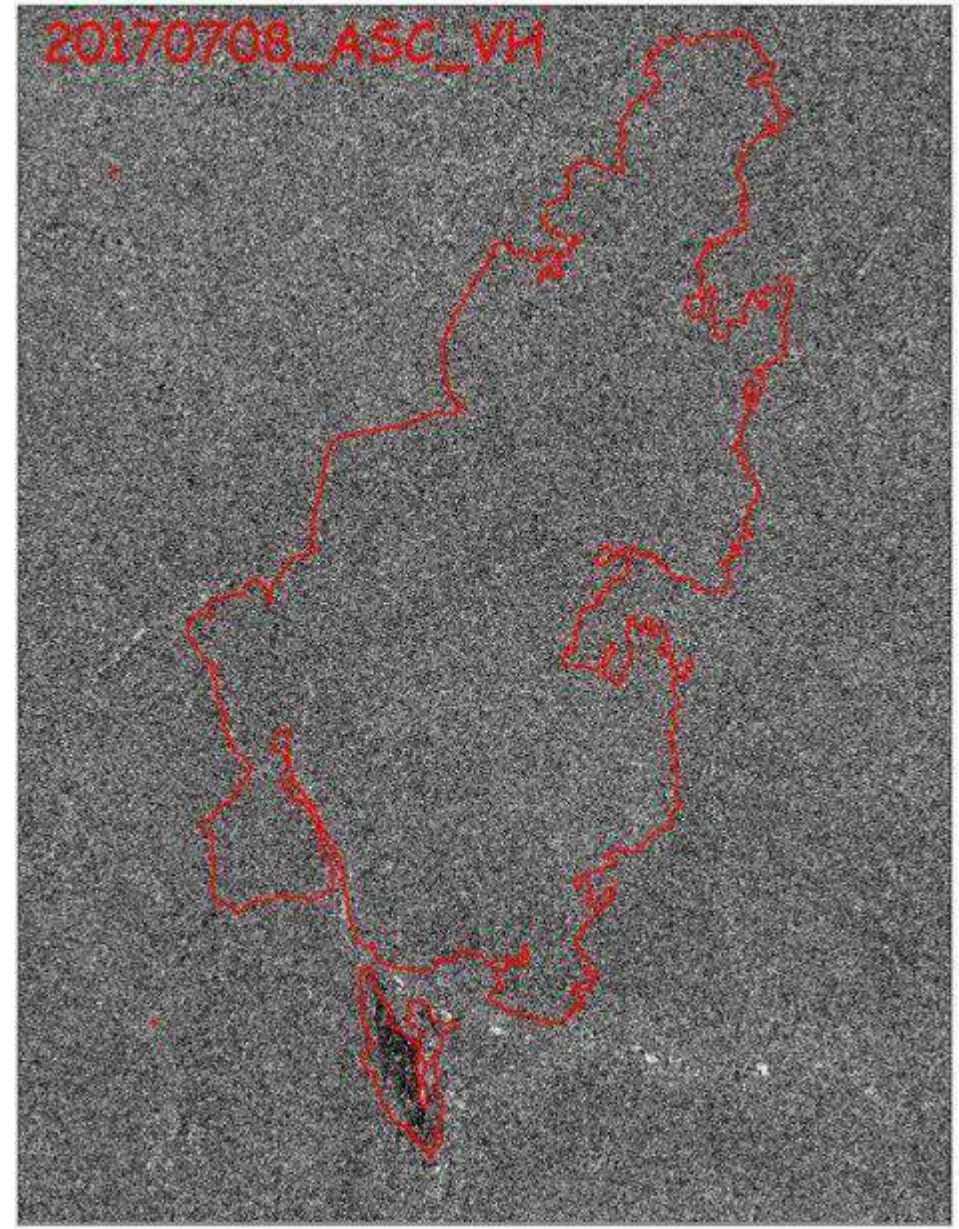
OPEN

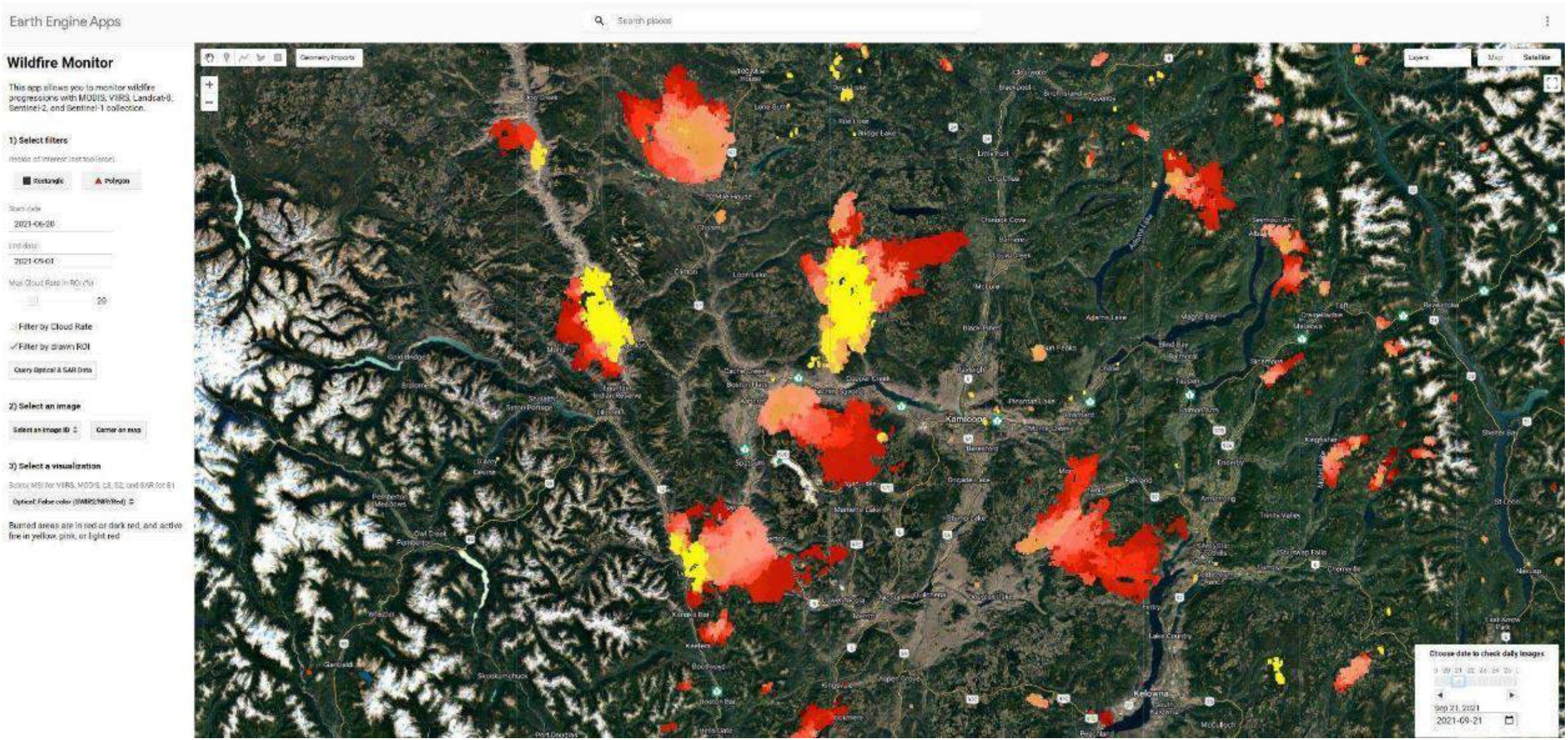
Near Real-Time Wildfire Progression Monitoring with Sentinel-1 SAR Time Series and Deep Learning

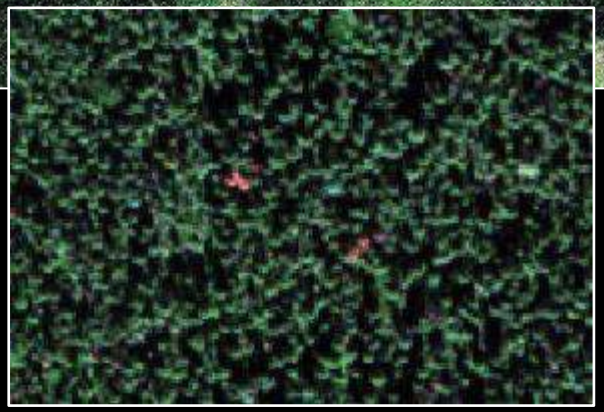
Yifang Ban[1,4*], Puzhao Zhang[1,4*], Andrea Nascetti[2], Alexandre R. Bevington[3] & Michael A. Wulder[3]








Earth Engine Apps
Search places
Wildfire Monitor
This app allows you to monitor wildfire progressions with MODIS, VIIRS, Landsat-8, Sentinel-2, and Sentinel-1 collection.
1) Select filters
Region of interest (optional)
Rectangle
Polygon
Start date
2021-06-20
End date
2021-09-01
Max Cloud Rate in ROI (%)
20
Filter by Cloud Rate
Filter by drawn ROI
Query Optical & SAR Data
2) Select an image
Select an image ID
Center on map
3) Select a visualization
Select MSI for VIIRS, MODIS, L8, S2, and SAR (for S1)
Optical: False color (SWIR2/NIR/Red)
Burned areas are in red or dark red, and active fire in yellow, pink, or light red
Geometry Imports
Layers
Map
Satellite
Choose date to check daily images
Sep 21, 2021
2021-09-21
Kamloops
Kelowna



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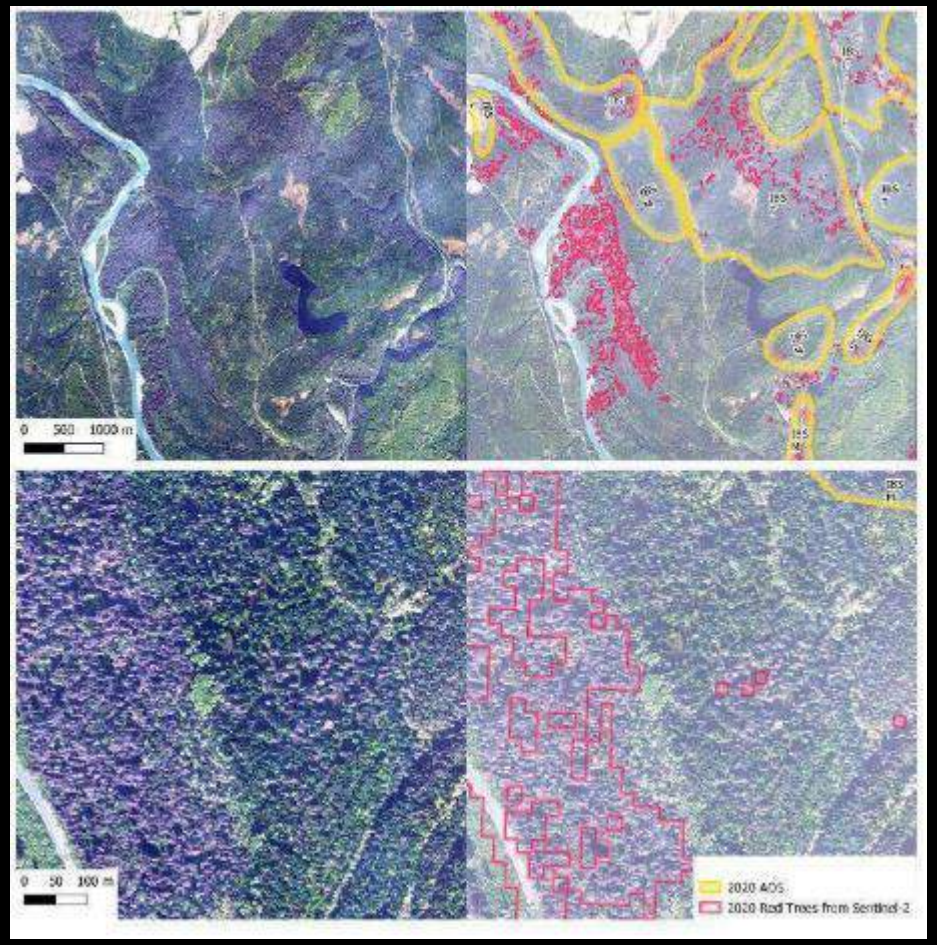

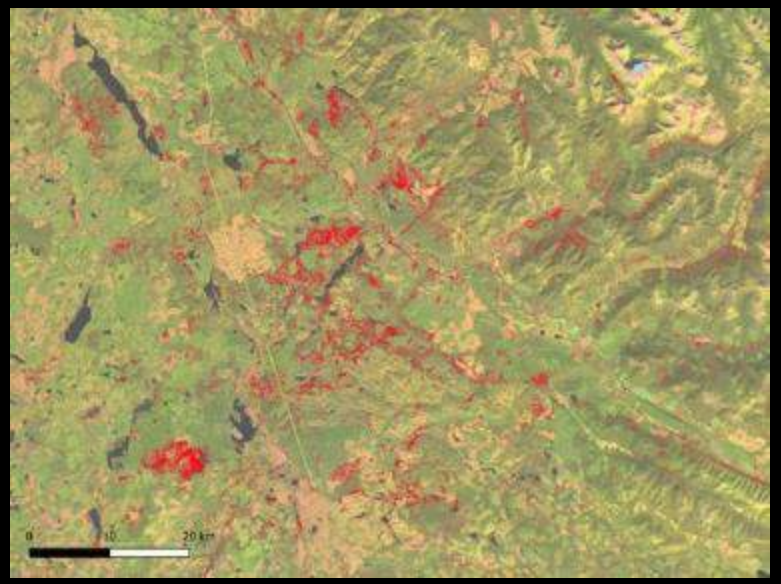

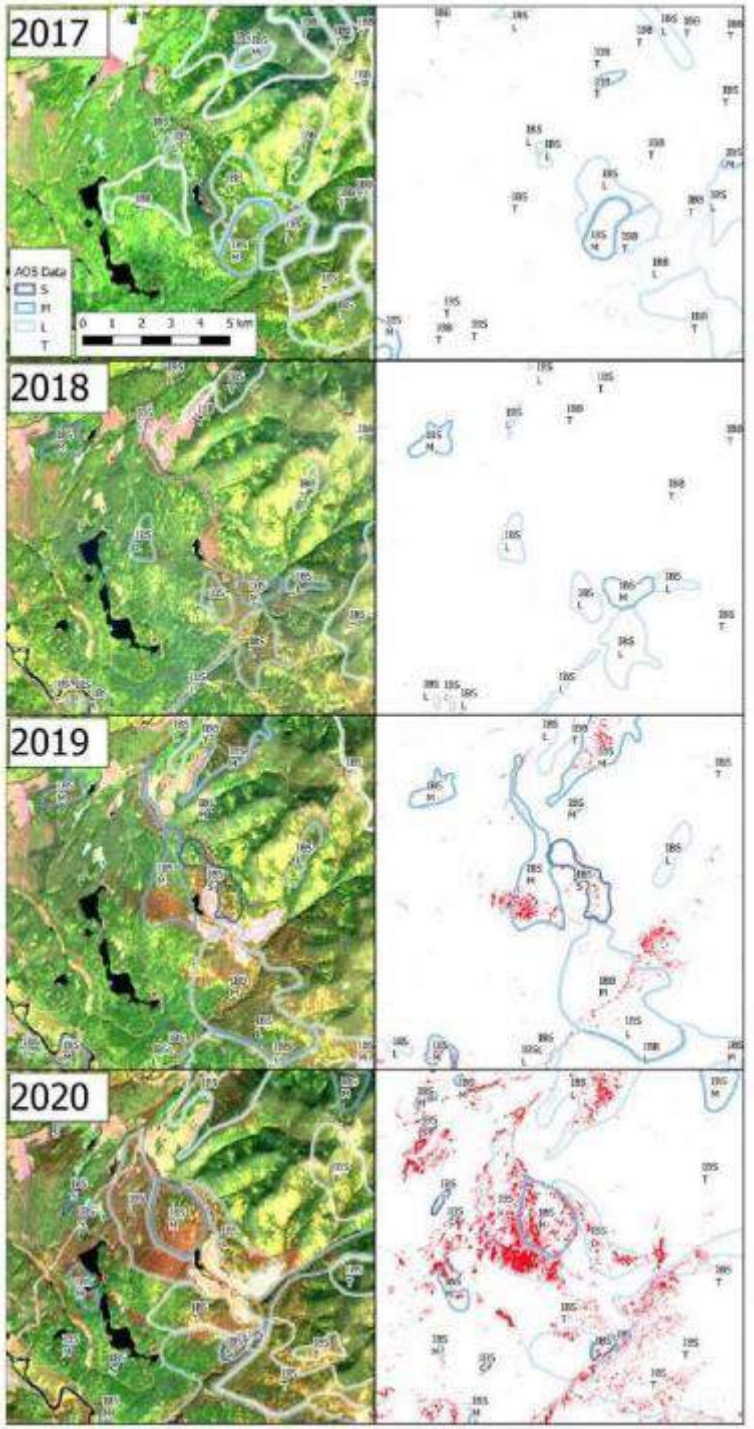

https://nbremer.github.io/planet-globe/

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