ASTM7 Awards & Social Hour

Tuesday May 11th, 2021
ABoVE Interns Summer 2021

Ryan Naylor

Ella Hall

Leah Clayton

1 – 2 Indigenous Canadian Students
ABoVE Data Archive

• ABoVE data at ORNL DAAC accessed >28,000 times by >7,000 unique users

• 129 ABoVE products at the ORNL DAAC

• ABoVE data cited or acknowledged 59 times in publications

https://daac.ornl.gov/cgi-bin/dataset_lister.pl?p=34
ABoVE: Landsat-derived Burn Scar dNBR across Alaska and Canada, 1985-2015

1214 downloads since 2018
414 downloads in 2020

Most Downloaded Dataset 2021

ABoVE: Fractional Open Water Cover for Pan-Arctic and ABoVE-Domain Regions, 2002-2015

228 downloads in 2021

Most Cited Product


Cited in 4 publications – RSE, RS (2), FOSS4G

ABoVE Science Cloud Awards
ABoVE Science Cloud Awards

- **Mary Farina** and **Hailey Webb** – for completing over 350,000 jobs on the ABoVE Science Cloud/ADAPT system
  - Preparing inputs and running the Terrestrial Carbon Flux (TCF) model
  - 2 publications in prep:
    - Watts et al. in prep, "Diverging regional patterns observed in northern high latitude terrestrial carbon budgets”
    - Farina et al. in prep, “Carbon budgets and trends in the 2003-2015 flux record”
ABoVE Science Cloud Awards

• **Stefano Potter** – for completing over 8,000 jobs on the ABoVE Science Cloud/ADAPT system
  
  • Using MODIS and Landsat data to identify burned areas & model carbon emissions
  
  • Using ORNL DAAC datasets to build a statistical model of emissions
  
  • Manuscript in prep.