

KrishiDSS – Manual Operations

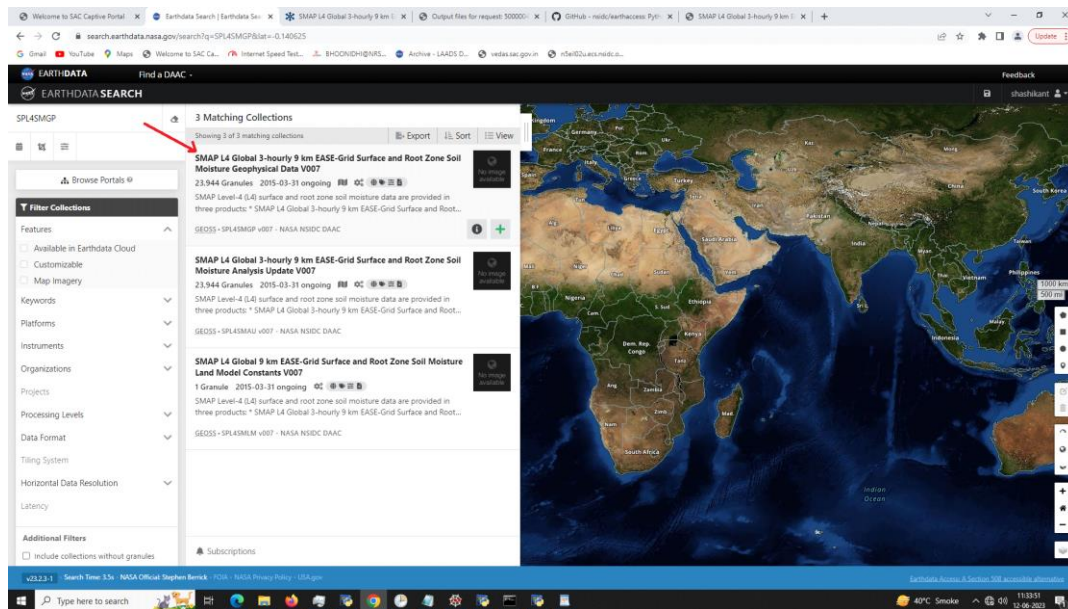
SMI Daily Data Downloading – 15 Day

username: racf4338@gmail.com

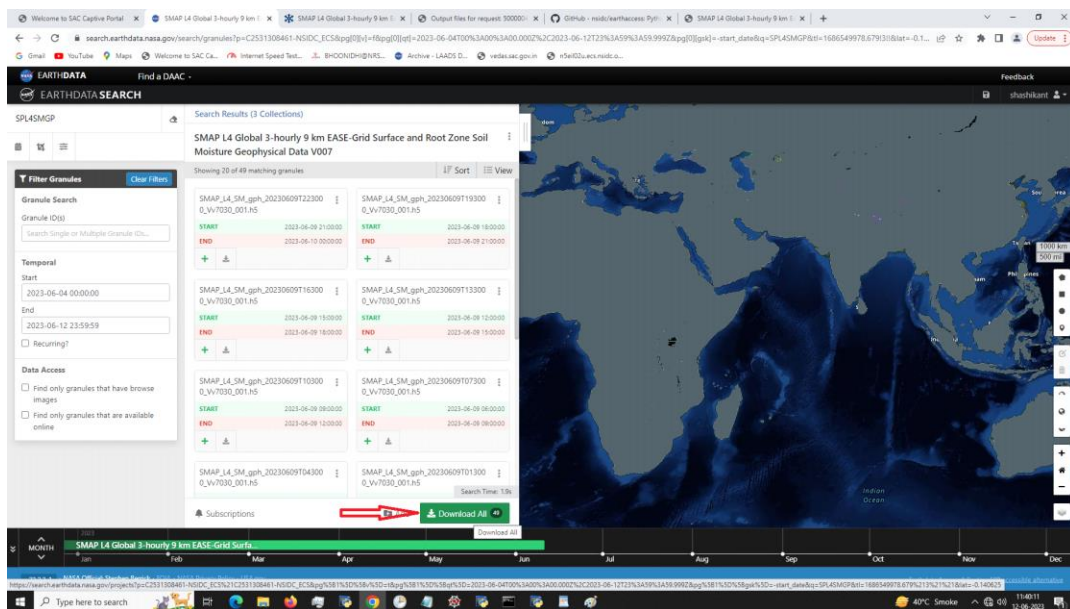
password: racf4338SAC

Web URL: <https://search.earthdata.nasa.gov>

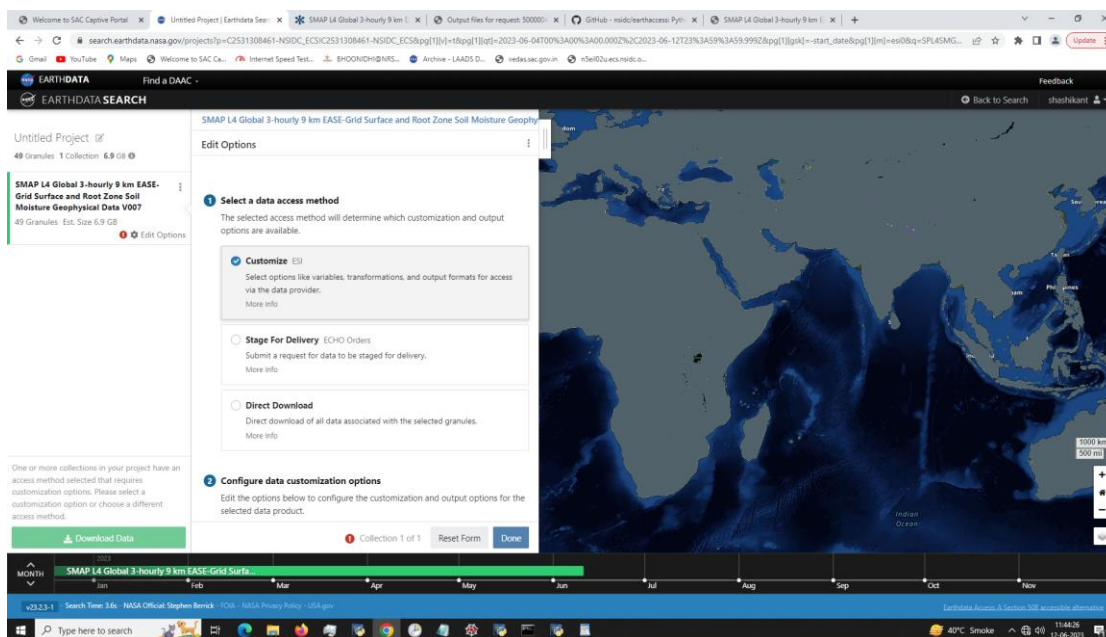
1. Open Web url and login with Credential.
2. Search Product **SPL4SMGP** for SMAP L4 Global 3-hourly 9 km EASE-Grid Surface and Root Zone Soil Moisture Geophysical Data V007



3. Select SMAP L4 Global 3-hourly 9 km EASE-Grid Surface and Root Zone Soil Moisture Geophysical Data V007
4. Select Date range for Data Downloading and Click on Download All



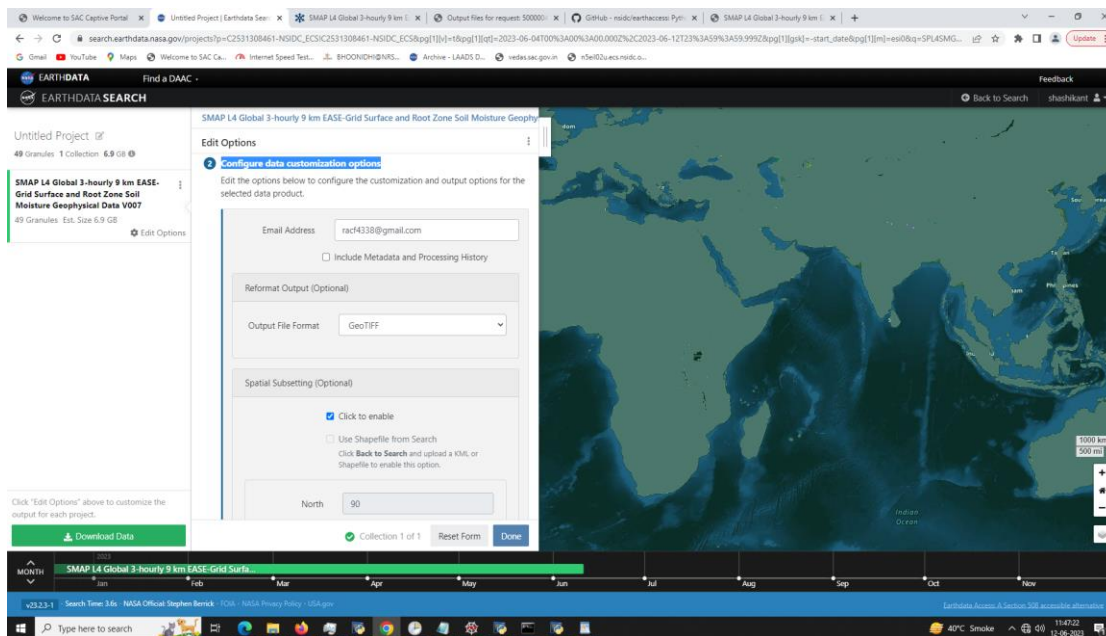
5. Click on Customize



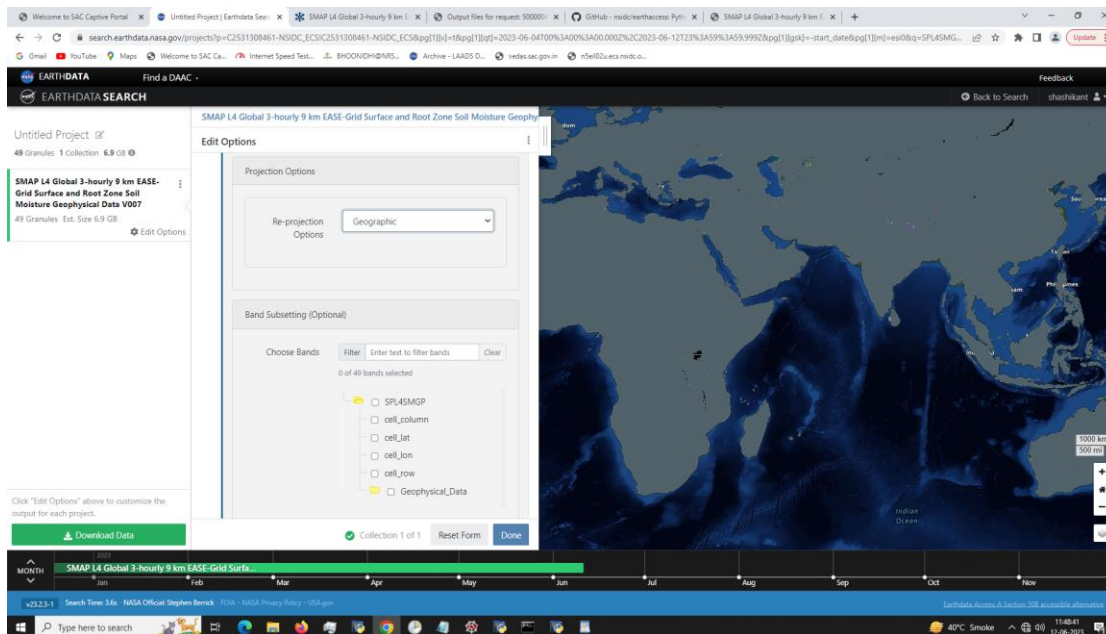
6. Select Configure data customization options

output File Format: GeoTIFF

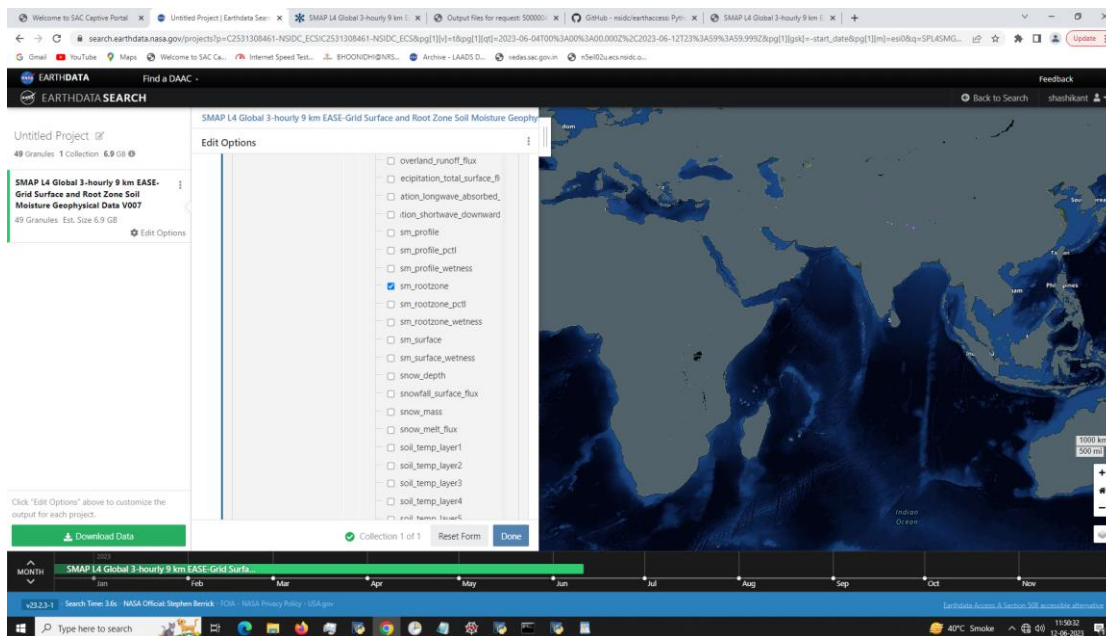
Spatial Subsetting: Click on enable



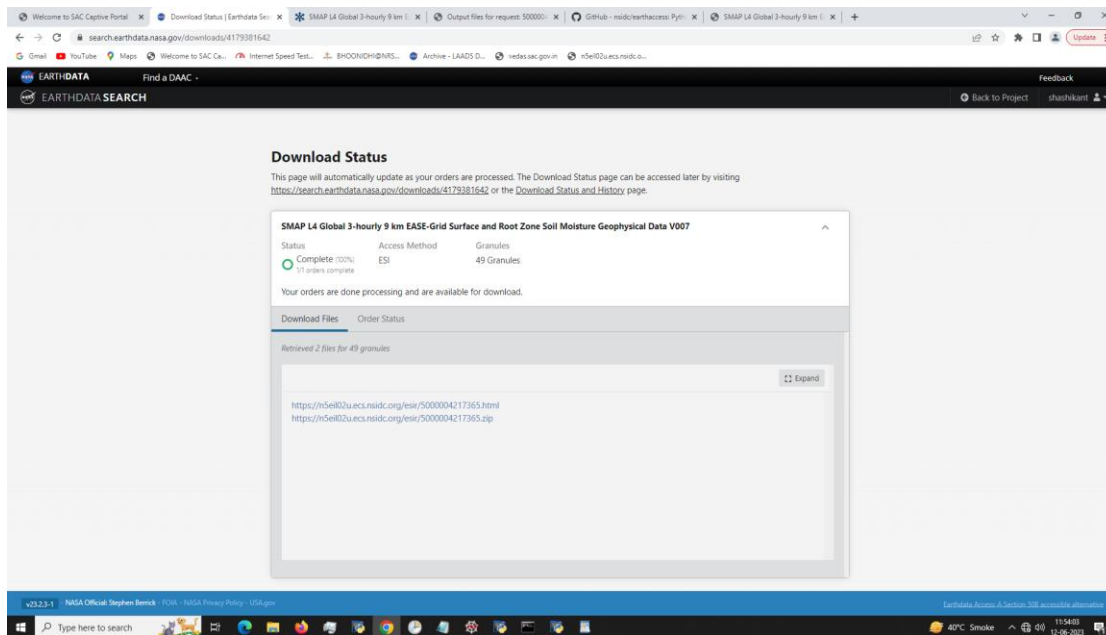
7. Set Projection options: Geographic



8. Set Band Subsetting: Select only Geophysical_Data (sm_rootzone) as single Band data and Click on Done



9. Click on Download Data and wait for completion of order creation process. After creating order, click on .zip url for data Downloading.



10. Move downloaded .zip data from Downloading Directory to \\192.168.2.67\shared\VEDAS_Products\RZSMI_SMAP

11. Unzip data (*.tif files only) from download directory to
\\192.168.2.67\shared\VEDAS_Products\RZSMI_SMAP\Hourly_RZSM

12. Delete unzip directory and zip directory both.

GSMaP Data Transfer to Prashant Sir

159(vol1)\GSMAP_Gauge_World_RF\2023 (Source)

10.61.62.181\iari_data\KrishiDSS_GSMaP_IMD_Merged\Input

After 1 hour

10.61.62.181\iari_data\KrishiDSS_GSMaP_IMD_Merged\Output (Source)

159(vol1)\GSMAP_Gauge_World_RF\GSMAP_IMD_Daily_Precipitation\2023