

Unit 3 - Batch Processing

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Phytoplankton from space: intro to ocean color – 29 & 30 June 2019 Ocean Optics & Ocean Color Remote Sensing

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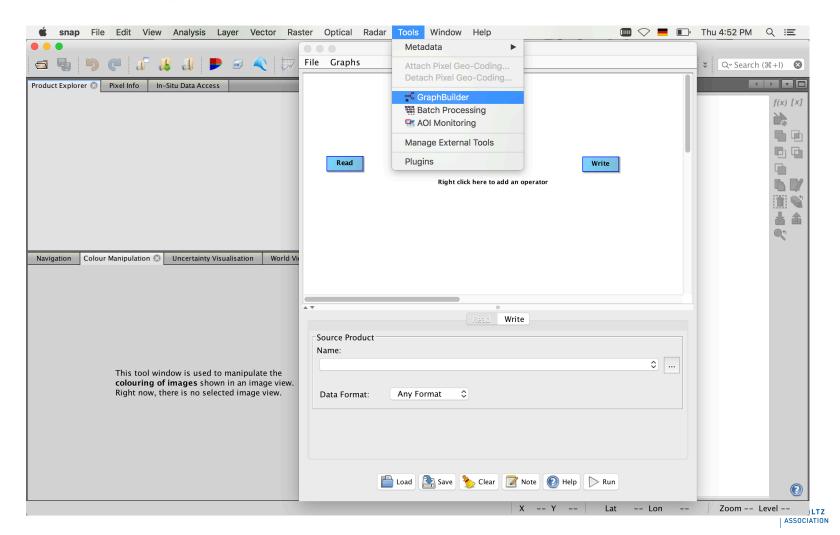
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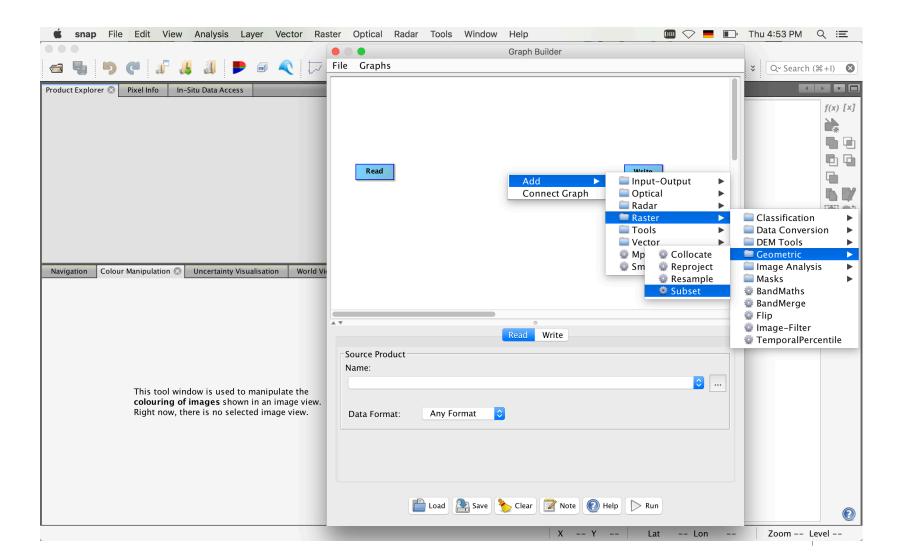
- Practical (short) course on ocean colour (OC)remote sensing using Sentinel Application Platform (SNAP).
- Lectures:
 - Unit 1 :
 - Ocean colour data (sensors, data archives and processing levels)
 - Exploring OC data using SNAP
 - Unit 2:
 - Validation Tools
 - Unit 3:
 - Batch Processing



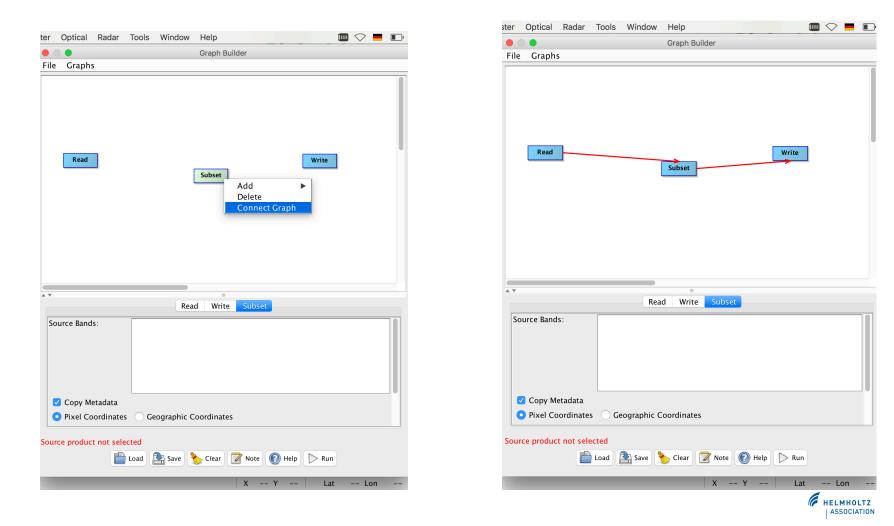
1. Build your graph: Tools \rightarrow Graph Builder



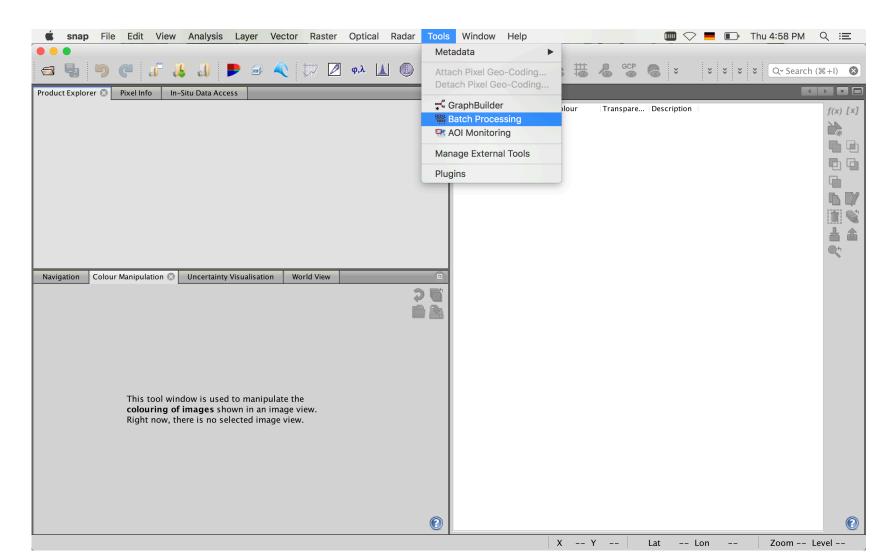
right click to add new operators



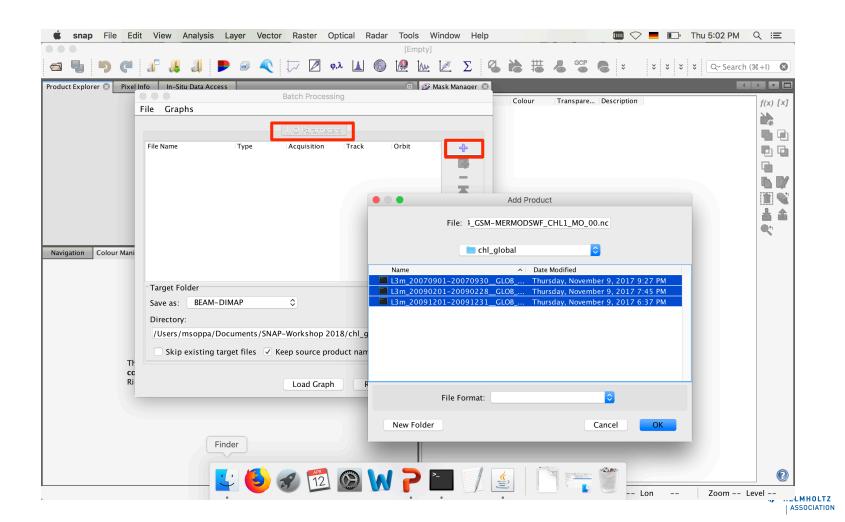
• right click "connect graph" and save it



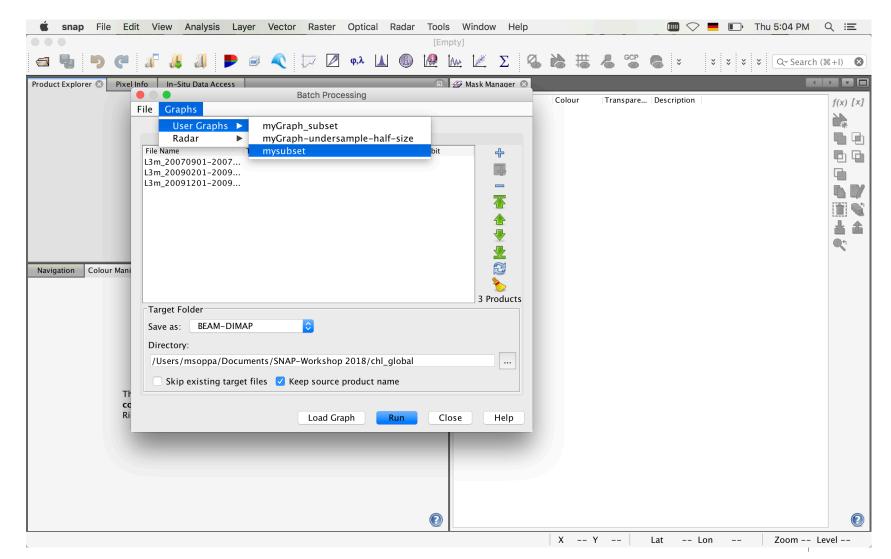
• Go to batch processing: Tools \rightarrow batch processing



• I/O parameters: select all images you want to process and give the output path (directory) and the output format (Save as e.g. NetCDF).



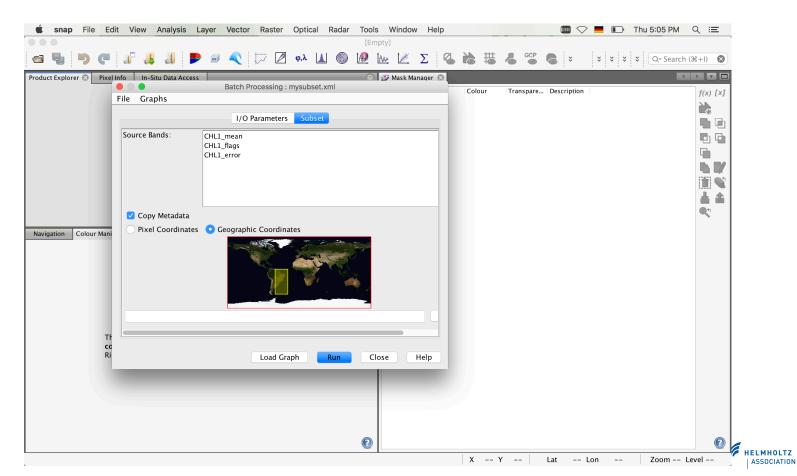
• Load graph



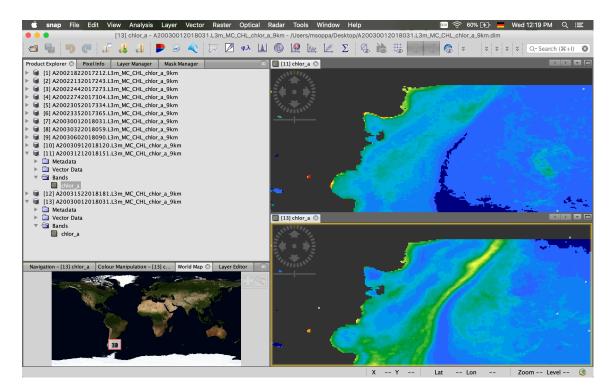
• Open "Subset"

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- Select the region of interest by either using the pixel coordinates or geographical coordinates and RUN!
- The new files will automatically open in SNAP



- Subset MODIS-Aqua Chlorophyll-a climatology data for your study region using batch processing.
- Open two images, one in summer and one in winter. Apply color and observe the differences.







End of Unit 3

