

## OS Python week 5: Map algebra and writing raster data

### Assignment 5a

Create an NDVI image from aster.img. I don't care if you do it all at once or block by block. Don't forget to calculate statistics, set the geotransform and projection, and build pyramids for the output NDVI.

Turn in your code and a screenshot of your NDVI being displayed.

### Assignment 5b

Mosaic two images together. Mosaic doq1.img and doq2.img together into one image. It will be easiest if you follow the pseudocode in the slides. The pixel sizes for the two images are identical, so you don't need to worry about that. You also don't need to worry about pixels from the two images not lining up correctly, because they do.

Turn in your code and a screenshot of your mosaic being displayed.