

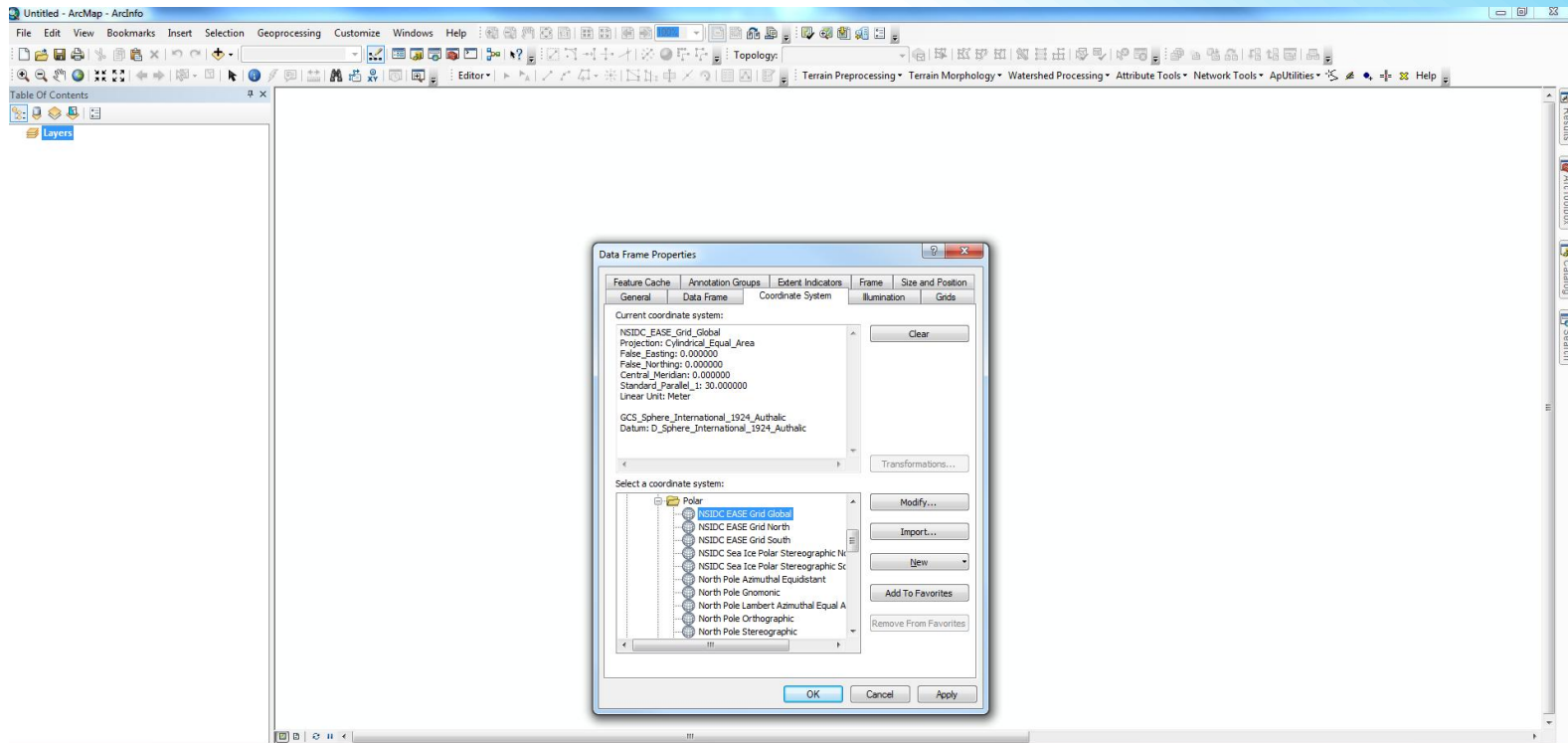
Viewing Freeze/Thaw HDF5 Granules in ArcGIS 10

Step by Step
Tutorial

1) Download a Freeze-Thaw HDF5 Granule from
<http://freezethaw.ntsg.umt.edu/dataholdings.htm>

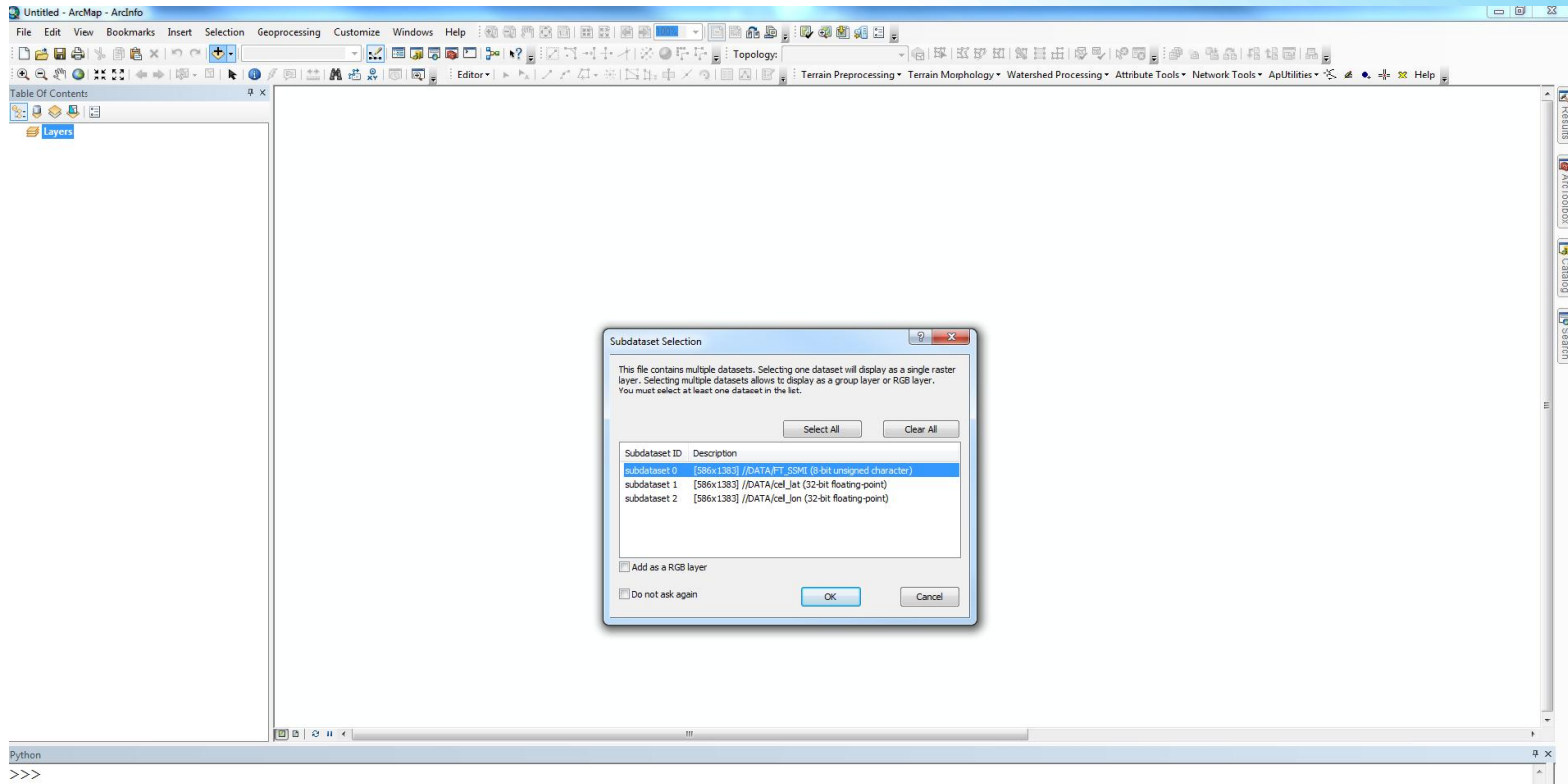
2) Open ArcMap 10

3) Set the Data Frame Projection to NSIDC_EASE_Grid Global located in Projected Coordinate Systems Polar Directory

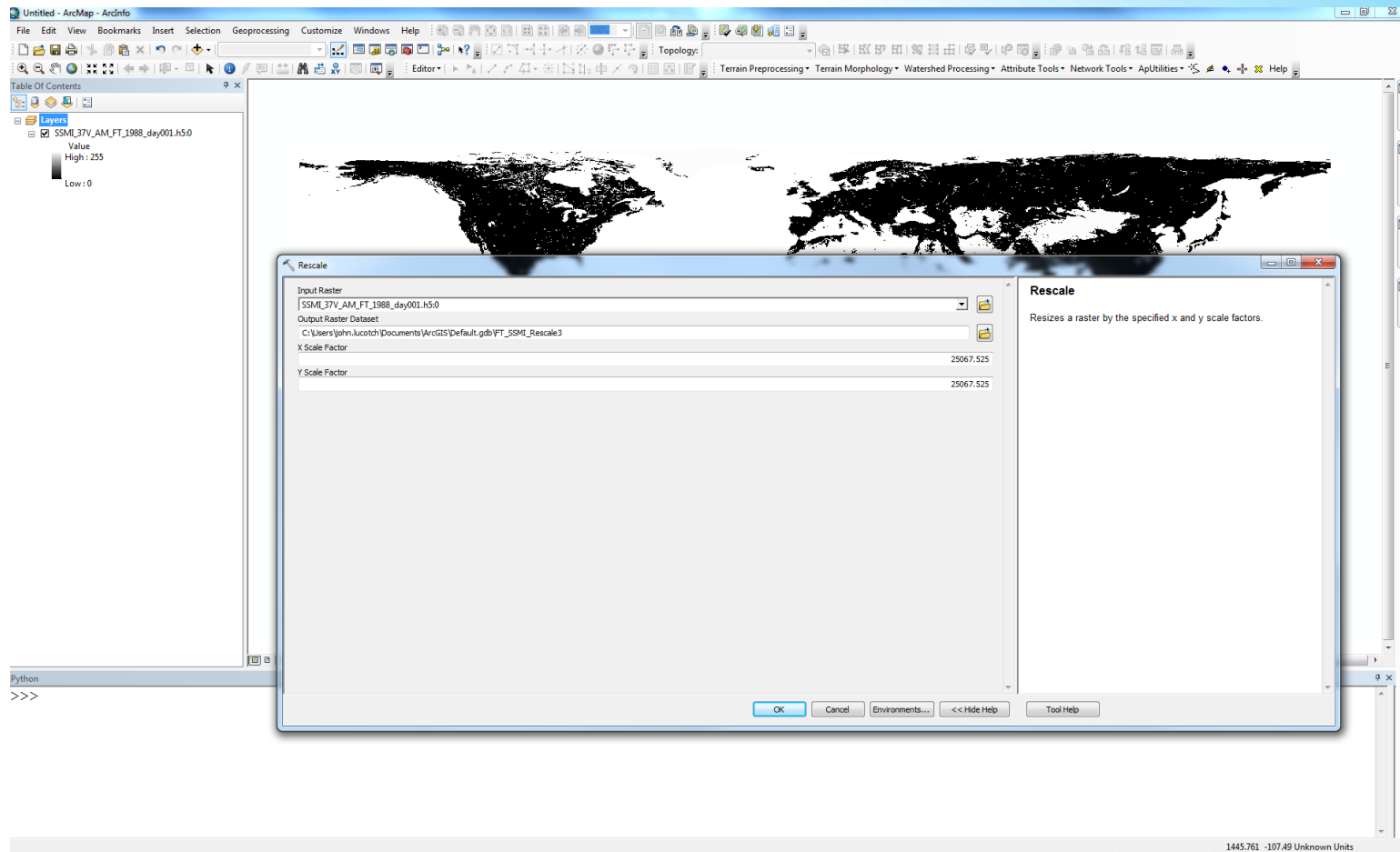


Python
>>>

- 3) Add the Freeze-Thaw Granule to ArcMap
- 4) Select the Freeze-Thaw Daily Dataset

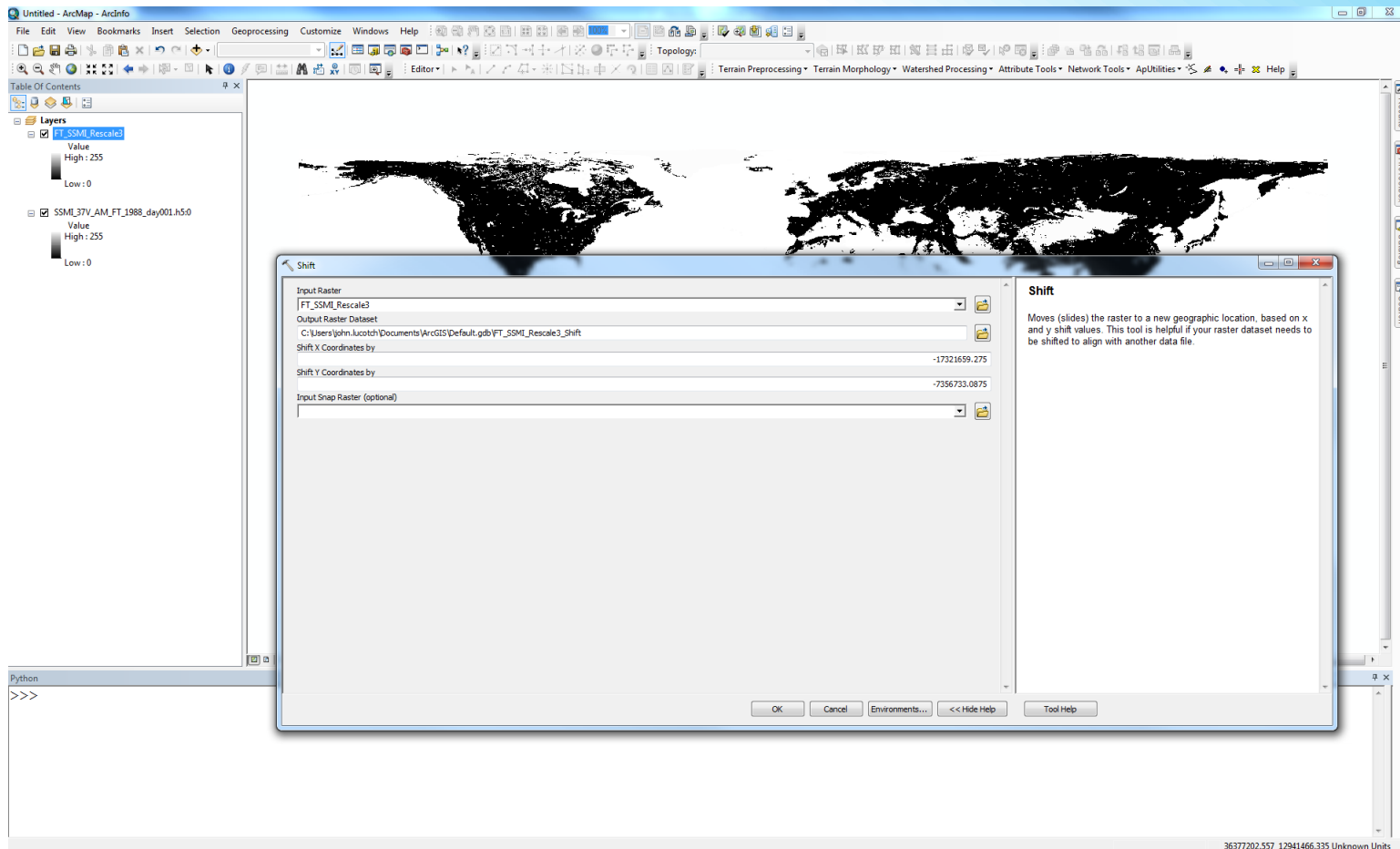


5) Rescale the Freeze-Thaw Granule by 25067.525 for both the X and Y Scale Factor (25KM)

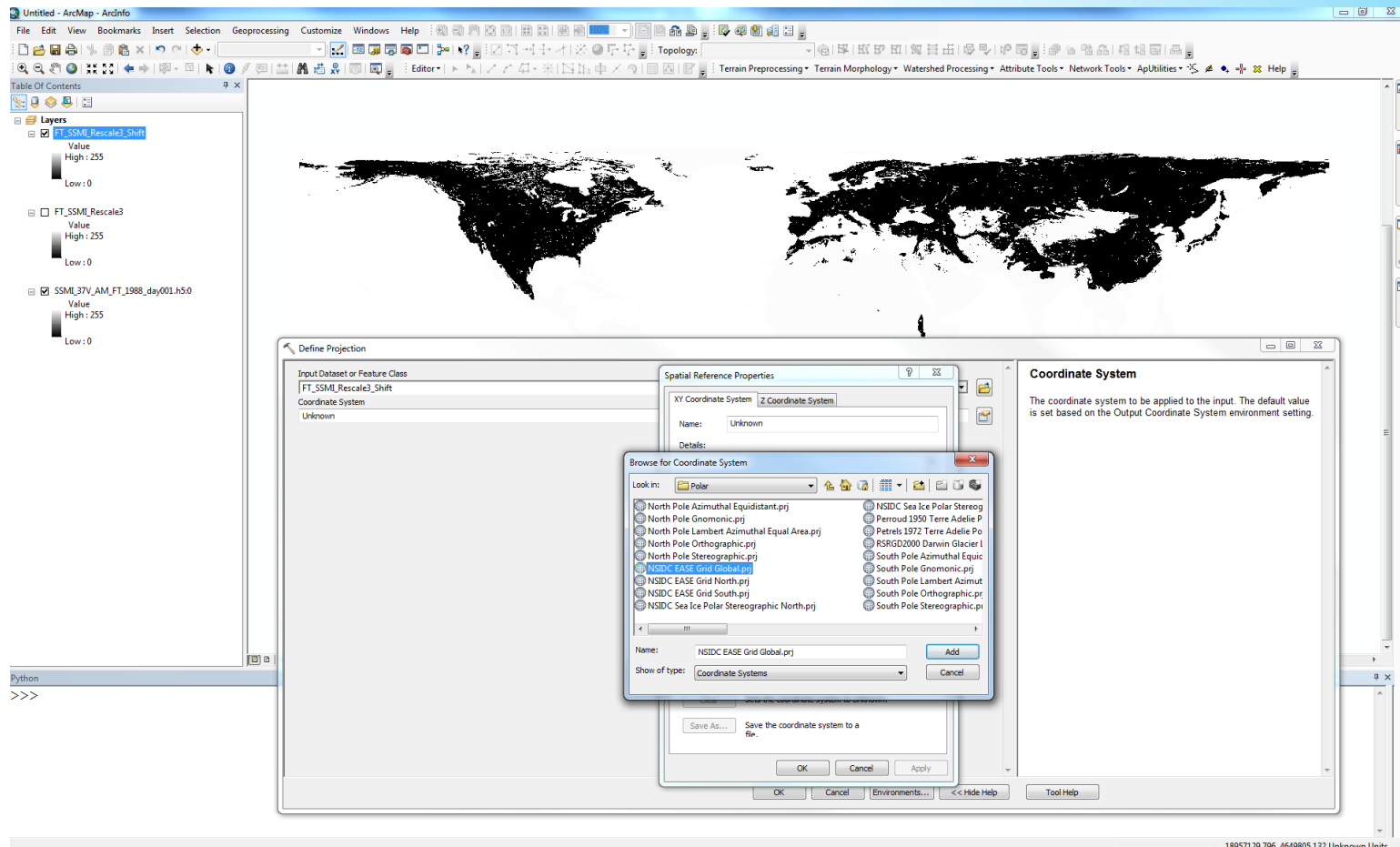


6) Shift the Freeze-Thaw Granule:

Shift X Coordinates by: -17321659.275
Shift Y Coordinates by: -7356733.0875



7) Define the projection of the raster to NSIDC_EASE_Grid_global



8) Run GIS Analysis

