

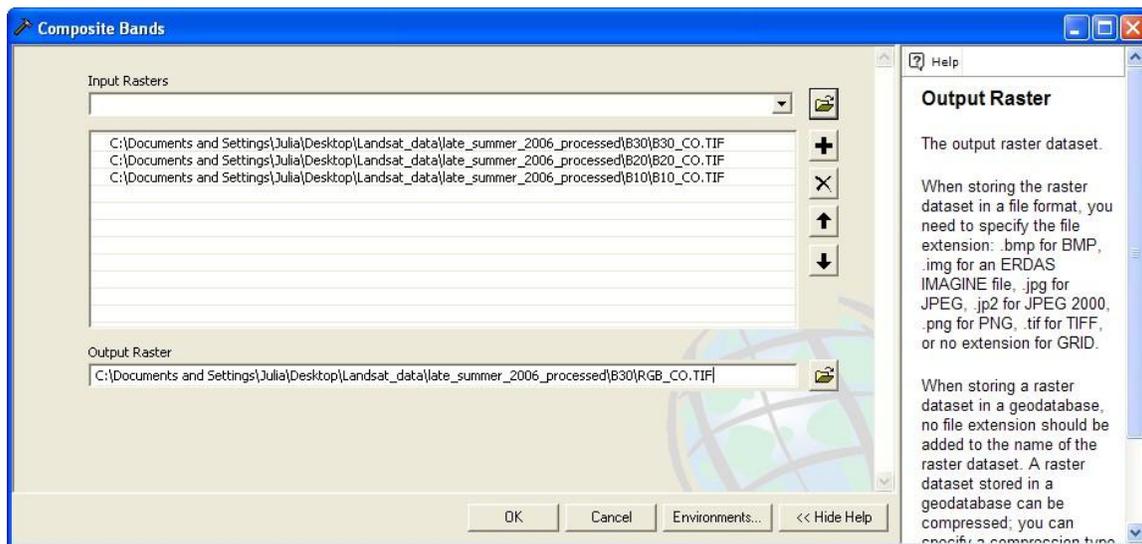


Created By: Grant J. Firl  
Advisors: Paul Evangelista, Jim Graham  
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## Lesson 9: Compositing Landsat Data

The purpose of this tutorial is to demonstrate how to composite the Landsat bands into one raster.

1. Landsat sensors capture data in different frequency bands. These bands correspond to a portion of the electromagnetic spectrum, such as the “red visible” band or the “mid-infrared” band. Meaningful information can be gleaned by combining 3 bands together into a composite raster. A “true color” composite can be created by compositing the red, green, and blue bands together. For more information on common band combinations see <http://gif.berkeley.edu/documents/Landsat%20Band%20Information.pdf>
2. To form a composite raster in ArcMap, go to “Data Management Tools” => “Raster” => “Composite Bands.”



3. Browse and enter the input rasters. The first raster chosen corresponds to the red part of the composite, the second corresponds to the green part of the composite, and the third corresponds to the blue part. For a “true color” composite, choose the Landsat band 3 first, band 2 second, and band 1 third. Finally, specify and output filename and type, and click “OK.”

