Subject: Orthorectification (quickbird), RPC, APM Posted by tochaf on Tue, 06 Feb 2007 11:22:19 GMT

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Hello

I can still to consider me a rookie in idl (also in the English language like you cant see in the next lines) and I like to do the orthorectification of Quicbird images in batch mode. I think the envi_doit of this function is not available. It would like to ask to this "community" if somebody could help me:

- 1 -To read the fyle .rpb where we cant find the RPC (rational polynomial coefficient)
- 2-Understand to made use of these values, that is, the one that they correspond in the mathematical equation
- 3- The best form to read a DTM (digital Terrain Model)
- 4- To compute this indexation of (column, linha) (XYZ) in IDL with the RFM (rational uncional Model) like said OGC. In short, what I cant do for catch each pixel and after the calculation write the new position of witch pixel.

Orthorectification with APM (affine projection model) with control points, would be also interesting for me to make this points therefore all the aid inside of this subject would be also very well coming

- 1 a procedure for the find the parameters of this transformation
- 2 As to compute these data, lines and columns, for the attainment of its new

Positions.

- 1- excuses if I ask this in the wrong place
- 2- excuses for my English and the number questions, but any help for any these subjects is welcome.

Best regards

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