
Subject: JPEG2000 and GEOTIFF query
Posted by [Gaurav](#) on Wed, 30 Jul 2008 10:24:27 GMT
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Hi all,

I am working with large volume of geo-referenced data and would like to save the images that I have in JPEG2000 format. I have seen that one can preserve the geographic information when one uses proprietary softwares like ENVI, even in jp2 format. They even have a name: GeoJp2 for it. My question is, can we create JPEG2000 images using IDL so that they preserve the geographic information? It is easily done in the case of TIFF images using the GEOTIFF tag. Is there something of the sort available for JPEG2000?

And talking of TIFF, I would like to bring it to the notice of the powers-that-be at IDL that it would be very useful if they could modify the use of GEOTIFF keyword. Right now, if you obtain a sub-rectangle of a large TIFF image, the structure returned by GEOTIFF is exactly the same as it would be for the whole image. Would it not be much more convenient if, in the case of subset images, the GEOTIFF structure contains the geographic information about that small section of the image, viz, the new easting, northing values etc. Right now I have to do it on my own and I usually get confused offsetting the values for the sub-rectangle.

I shall be very thankful for any insights into the matter, or support from fellow IDL users, or any help if I am going wrong.

Gaurav
