
Subject: Re: Calculating a mean band

Posted by [Jean H.](#) on Wed, 11 Jul 2007 15:32:44 GMT

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Julio wrote:

> Hi there!

>

> Very simple question... I have a multi-band image (36 bands) and I
> need to calculate the average of the bands, pixel by pixel.

>

> If I do that:

>

> `average_array=mean(multi_band)`

>

> I get a single value, because it doesn't work pixel by pixel. So, how
> can I do to make a mean band of all the 36 bands??

>

> Comments welcome.

>

> Best!

> Julio

>

Hi,

You can easily make the sum of you band along a dimension... so
`average_array = total(multi_band, 3) / nbOfBands`

Jean
