Subject: image statistics without the NaN
Posted by raghuram on Mon, 18 Feb 2008 00:35:35 GMT

Hi,

I'm relatively new to IDL and am not able to figure out an issue
dealing with NaNs in statistics computed from my image.

Here's the problem :

I wrote an IDL script to compute basic statistics of a MODIS image
that i have processed.
The areas outside my study area have been set to NaN because i don't
want them to be considered
while computing statistics in ENVI.
But, when i use the Image_statistics procedure in IDL, i'm not able to
ignore the NaN and hence all the
basic stats show values of NaN(like max=NaN, min= NaN etc..)

Expected result:
To calculate the true max,min values of the image without considering
the pixels which are set to NaN.

Anybody has any idea how to go about fixing this problem ? my initial
thought was to create a NaN mask, but
i want to get some ideas flowing.

Thanks,
Raghu