Subject: Interpolating/gridding field reflectance spectra
Posted by Christian Haselwimmer on Thu, 19 Feb 2009 22:55:08 GMT

I was wondering if anybody had some advice as regards the gridding/
interpolation of point data within ENVI/IDL? I have a number of
spectral reflectance measurements that are reasonably regularly spaced
over a field area I am investigating. I would like to produce an
interpolated grid from these point measurements to in effect produce a
hyperspectral image that I can then apply processing to and relate to
airborne/satellite data.

For each point I have a GPS location and a reflectance spectra. Also,
the point measurement is actually a spot of around 0.5m across.

Has anybody got any ideas/recommendations on how I can do this?

many thanks,
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