
Subject: ENVI/IDL vegetation identification
Posted by [gpeterso](#) on Mon, 07 Apr 2014 19:42:52 GMT
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Hello all,

I am trying to identify a certian type of tree called the elderberry which is native in northern California. I know vegetation identification is tricky. My plan was to take a spectral profile of an elderberry at a known location and then try to identify other pixels with similar spectrums. I am thus wondering whether this plan is feasible or is there a better option for me?

Another question arises about where I should get the data. I believe that Landsat's 30m pixel size will be to large for vegetation identification. I was thinking of using AVIRIS which I know is extremely expensive when you want to aquire new data but on the AVIRIS flight locater tool there has already been fly bys of the exact locations I am trying to study. Are these available to the public for free or at a reasonable cost? Thanks!

Subject: Re: ENVI/IDL vegetation identification
Posted by [skymaxwell@gmail.com](#) on Tue, 08 Apr 2014 04:17:26 GMT
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I think you should check different algorithms of supervised classifications, including decision tree.

Search for your task another/additional data the following link
<http://earthexplorer.usgs.gov/>
