
Subject: Re: is there any IDL code for 6S atmosphere model?

Posted by [Tal](#) on Thu, 18 Oct 2007 12:16:49 GMT

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> 6s means

> "second_simulation_of_the_satellite_signal_in_the_solar_spectrum", it

> is a common atmosphere model in remote sensing domain.

Henry,

You are asking for a Rolce Royce, for free...

People spent lots of time and work to do what you ask for.

To be more specific:

Basically every commercial atmospheric correction tool available for sale is based on 6S or 5S.

there is one code that is available just for interacting with the database and extract data from it called MODO. However bear in mind this is the 5S code, but it will do for most applications. it is even written in IDL. it serves as a straightforward mean for providing some information required by atmospheric correction software such as ACORN, ATCOR, ATREM, etc. (path radiance, solar irradiance, radiance at sensor etc.). MODO is designed to work specifically with ATCOR though. See this link for more information: <http://www.rese.ch/modo/index.html>

Note: the MODO page was last updated a year ago. contact <http://www.rese.ch/about.html> to figure out if it will solve your problem and if it is updated to 6S.

cheers,

Tal
