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

Posted by [highstone](#) on Thu, 18 Oct 2007 00:48:24 GMT

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On Oct 18, 4:28 am, henryg...@gmail.com wrote:

> On Oct 16, 7:32 am, highstone <gaolei...@gmail.com> wrote:

>

>> if is,please tell me where it is ,thank you.

>

> You may want to be more specific.

> Many people may not know what you mean by "6S atmosphere model".

> (Myself, I interpret that to mean "6-stream radiative transfer".)

>

> cheers,

> -henry

6s means

" second\_simulation\_of\_the\_satellite\_signal\_in\_the\_solar\_spect rum ",it  
is a common atmosphere model in remote sensing domain.

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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\_spect rum ",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. hHwever 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 tough.  
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

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

Posted by [henrygroe](#) on Thu, 18 Oct 2007 16:48:56 GMT

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On Oct 18, 5:16 am, Tal <t...@bar-kal.com> wrote:

>> 6s means

>> " second\_simulation\_of\_the\_satellite\_signal\_in\_the\_solar\_spect rum ",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. hHwever 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

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> 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

To clarify: It wasn't me asking for this. In fact, I had never  
even heard of this 6S thing....

-Henry

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