
Subject: Re: DTED READERS

Posted by [R.Bauer](#) on Sat, 19 Apr 2003 08:18:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

Andrew & Jo Cool wrote:

> Steve lane wrote:

>> Hello,

>>

>> Does anyone have a Digital Terrain Elevation Data (DTED) reader
>> in either pv-wave or IDL ? if so please contact.

>>

>

>

> Hi Steve,

>

> Theo Brauers has a package of routines - I can't give you an exact URL,
> but below is the Help from one of his routines, which should help track
> him down.

>

> Andrew Cool

Hi all

this routine belongs to our icg idl library

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/read_eros_map.tar.gz

or as idl binary

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/read_eros_map.sav

for further routines and licensing please have a look at

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

regards

Reimar

>

>

> ; Copyright (c) 1998, Forschungszentrum Juelich GmbH ICG-3

> ; All rights reserved.

> ; Unauthorized reproduction prohibited.

> ;

> ;+

> ; NAME:

```

> ; read_eros_map
> ;
> ; PURPOSE:
> ; This function reads a data file from the digital elevation model of
> ; EROS DATA CENTER
> ;
> ; CATEGORY:
> ; MAPPING
> ;
> ; CALLING SEQUENCE:
> ; Result = READ_EROS_MAP(Drive)
> ;
> ; INPUTS:
> ; Drive: specifies the path from which the data will be read
> ;
> ; KEYWORD PARAMETERS:
> ; HEADER_STRUCT: if this key is set to a named variable a structure
> ; with header information will be returned
> ;
> ; MESSAGE: if this keyword is set a messages will be printed during
> ; reading of the input data
> ;
> ; OUTPUTS:
> ; This function returns the integer 2-dim-array of the elevation. It
> ; is already aligned for the byte order of the machine and for the
> ; longitude and latitude array in the header structure
> ;
> ; EXAMPLE:
> ; Assume the data CD is in drive R: and you want to use the Europe tile:
> ;
> ; drive='R:\w020n90\
> ; A = READ_EROS_MAP(drive, HEADER_STRUCT=hs, /MESSAGE)
> ;
> ; MODIFICATION HISTORY:
> ; Written by: Theo Brauers, 1998 June 8
> ;
> ;

```

--

Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg-i/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
