Subject: Re: DTED READERS

Posted by A. D. & J.C. Cool on Fri, 18 Apr 2003 05:06:26 GMT

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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

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;
;+
; 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 wil 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
;-
```

Subject: Re: DTED READERS
Posted by R.Bauer on Sat, 19 Apr 2003 08:18:25 GMT

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Andrew & Jo Cool wrote:

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> but below is the Help from one of his routines, which should help track
> him down.
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> 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

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