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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:
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; read_eros_map
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```
; PURPOSE:
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```
; This function reads a data file from the digital elevation model of  
; EROS DATA CENTER
```

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```
; CATEGORY:
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; MAPPING
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```
; CALLING SEQUENCE:
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```
; Result = READ_EROS_MAP(Drive)
```

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```
; INPUTS:
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; Drive: specifies the path from which the data will be read
```

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```
; KEYWORD PARAMETERS:
```

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; HEADER_STRUCT: if this key is set to a named variable a structure  
; with header information will be returned
```

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;
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```
; 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
;-
```

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