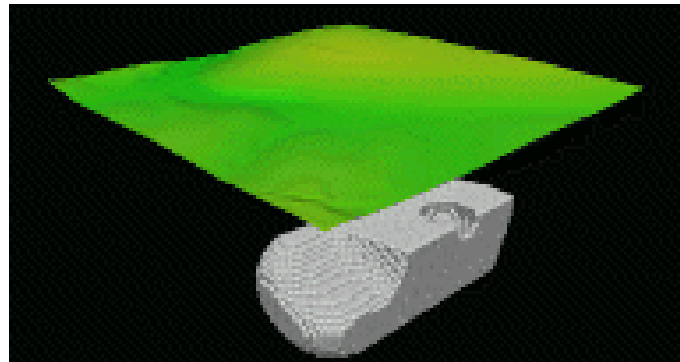




GRASS GIS

(Geographic Resources Analysis Support System)

szabad felhasználású térinformatikai szoftver



Rövid ismertetés



GRASS GIS

A GRASS GIS, "Geographic Resources Analysis Support System" szabad felhasználású (GNU General Public License (GPL)) térinformatikai szoftver, melyet geospaciális vonatkozású adatok kezelésére és analízisére, térképek/grafikonok létrehozására, térinformatikai modellezésre és vizualizálásra használnak kutatóintézetek, környezetvédelmi hatóságok, cégek, állami intézmények világszerte.

GRASS GIS weboldala: <http://grass.itc.it/>

GRASS GIS - The World Leading Free Software GIS - Mozilla Firefox

Eőjl Szerkesztés Nézet Előzmények Könyvjelzők Eszközök Súgó

http://grass.itc.it/

Legtöbbször látogatott Bevezetés Friss hírek

GRASS GIS - The World Leading Free ...

Welcome to GRASS GIS

You are at a GRASS mirror site in ITALY (IT) (other [mirror sites](#))
This site is updated daily: 23 Mar 2010

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[About GRASS](#)

[Screenshots](#)

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FOSS4G 2010 Barcelona

OPEN SOURCE GIS: A GRASS GIS Approach
Third Edition

Celebrating 25 years!

GRASS User map (without pop-up)

Geographic Resources Analysis Support System

Commonly referred to as GRASS, this is free Geographic Information System (GIS) software used for geospatial data management and analysis, image processing, graphics/maps production, spatial modeling, and visualization. GRASS is currently used in academic and commercial settings around the world, as well as by many governmental agencies and environmental consulting companies. GRASS is an official project of the [Open Source Geospatial Foundation](#).

Module of the day:
[d_out_file](#) Saves the contents of the active display monitor to a graphics file.

Latest News! [XML](#) [RSS FEED](#)

- 22 Mar 2010: [6.4.0 RC6 packages for Windows and Mac OSX](#) - Installers are now available for download
- 20 Mar 2010: [GRASS 6.4.0 RC6 source code released](#) - Sixth release candidate of stable release 6.4.0 with new stability fixes
- 18 Sep 2009: [GRASS 6.4.0 module synopsis published](#) - A list of all modules with GUI menu locations

Upcoming GRASS/FOSS4G related events: [XML](#) [RSS FEED](#)

- [Geoinformatics FCE CTU 2010](#) - Free and Open Source Software in Geoinformatics, 1-2 May 2010, Prague, Czech Republic
- [FOSS4G 2010, Barcelona](#) - FOSS4G - "the conference" for Open Source Geospatial Software, 6-9 Sep 2010, Barcelona, Spain

[[News Archive](#) | [Submit related announcements here](#)]

Kész

Start

GRASS GIS KONFERENCIA UMFT_szamlakitolto... szöveg - Microsoft W... GRASS GIS - The Wor... HL 13:21



GRASS GIS rendszer jellemzői

- raszteres/vektoros térinformatikai (GIS) rendszer, grafikus ábrázolási és képfeldolgozási funkciókkal.
- 350 program és eszköz segítségével térképeket, felvételeket képernyőn és papíron jelenít meg,
- raszteres, vektoros és terepi adatokat tud kezelni,
- multispektrális felvételeket képes feldolgozni, valamint térbeli (spaciális) adatok tud kezelni és tárolni.
- interfészen keresztül kapcsolódhat nyomtatókhoz, plotterekhez, digitalizáló rendszerekhez és adatbázisokhoz új adatok generálására, valamint a már létező adatok kezelésére.



A GRASS GIS szoftver adatkezelési lehetőségei



- Térbeli (spaciális) analízis
- Térképgenerálás
- Adatok megjelenítése (2D, [2.5D](#) és [3D](#))
- Adatgenerálás modellezéssel (Szimulációs modellek listája)
- Link a [DBMS](#)- hez (PostgreSQL, mySQL, SQLite, ODBC, ...)



A GRASS GIS alkalmazásai

The screenshot shows a Mozilla Firefox browser window displaying the GRASS GIS website. The page title is "GRASS GIS: Screenshots". The main content area contains several images and text blocks, each with an arrow pointing to a specific application area:

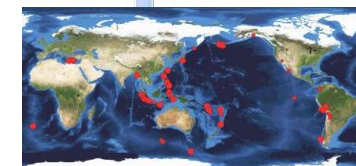
- User Interface**: A screenshot of the GRASS GIS desktop application interface.
- Platforms**: A screenshot of a handheld PDA device displaying a map, with the text "Platforms (Linux, Mac, Windows, Handhelds)" below it.
- 3D megjelenítés**: A 3D visualization of a terrain model.
- Raster map operations**: A satellite-style map with various colored overlays.
- Vector map operations**: A map showing vector data with colored circular markers.
- Kartográfia**: A map showing a geographical area with a grid overlay.
- Távérzékelés**: A satellite-style map with a grid overlay.

On the right side of the page, there is a vertical navigation menu with the following items:

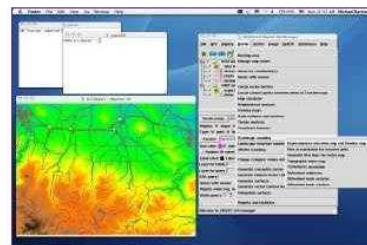
- [User Interface](#)
- [Platforms](#)
- [Raster](#)
- [Vector](#)
- [Image Processing](#)
- [Remote Sensing](#)
- [3D Visualization](#)
- [Cartography](#)
- [Web services](#)

At the bottom of the browser window, the Windows taskbar is visible, showing the Start button and several open applications: MOKKA, KONFERENCIA, UMFT_szamlakolto..., szöveg - Microsoft W..., and GRASS GIS: Screenshot...

Webes szolgáltatás



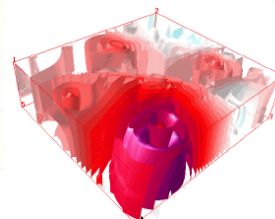
Felhasználói interfész



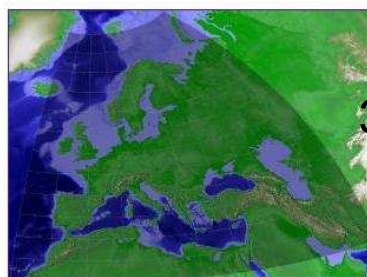
User Interface



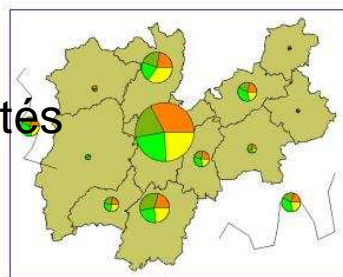
Platforms (Linux, Mac, Windows, Handhelds)



3D megjelenítés



Raster map operations

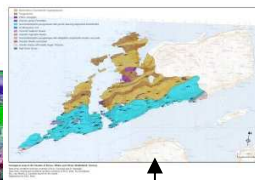
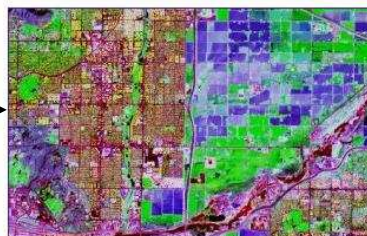


Vector map operations

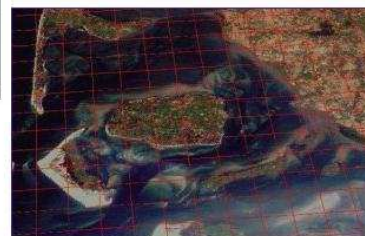
Vektoros térképek kezelése

Raszteres térképek kezelése

Adatfeldolgozás

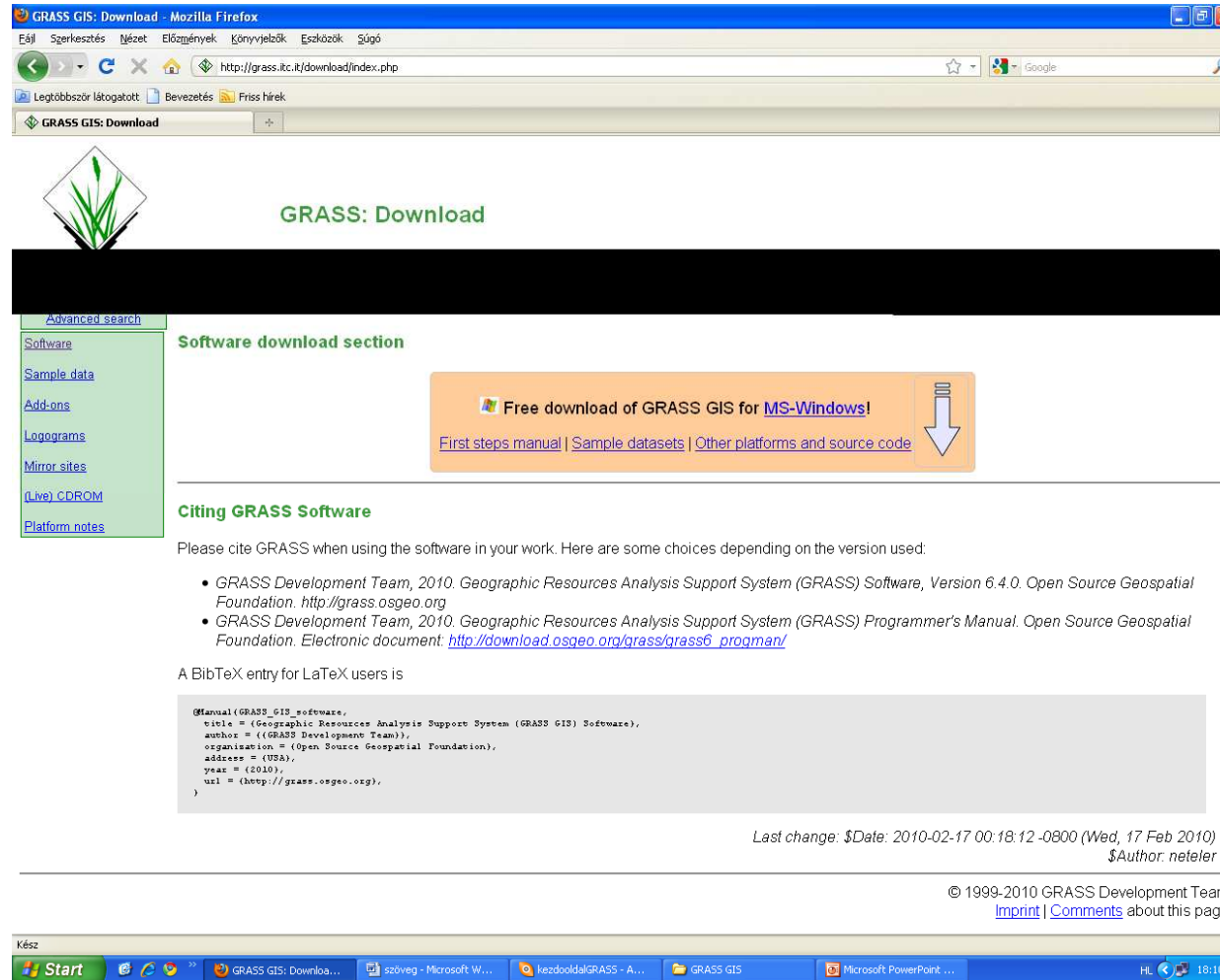


Kartográfia



Távérzékelés

GRASS GIS letölthető az alábbi webhelyről: <http://grass.itc.it/download/index.php>



GRASS GIS: Download - Mozilla Firefox

http://grass.itc.it/download/index.php

GRASS: Download

Advanced search

Software
Sample data
Add-ons
Logograms
Mirror sites
(Live) CDROM
Platform notes

Software download section

Free download of GRASS GIS for [MS-Windows!](#)

[First steps manual](#) | [Sample datasets](#) | [Other platforms and source code](#)

Citing GRASS Software

Please cite GRASS when using the software in your work. Here are some choices depending on the version used:

- GRASS Development Team, 2010. *Geographic Resources Analysis Support System (GRASS) Software, Version 6.4.0. Open Source Geospatial Foundation. <http://grass.osgeo.org>*
- GRASS Development Team, 2010. *Geographic Resources Analysis Support System (GRASS) Programmer's Manual. Open Source Geospatial Foundation. Electronic document: http://download.osgeo.org/grass/grass6_progman/*

A BibTeX entry for LaTeX users is

```
@Manual{GRASS_GIS_software,  
  title = {Geographic Resources Analysis Support System (GRASS GIS) Software},  
  author = {(GRASS Development Team)},  
  organization = {Open Source Geospatial Foundation},  
  address = {USA},  
  year = {2010},  
  url = {http://grass.osgeo.org},  
}
```

Last change: \$Date: 2010-02-17 00:18:12 -0800 (Wed, 17 Feb 2010) \$
\$Author: neteler \$

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Kész

Start

GRASS GIS: Downlo...
szöveg - Microsoft W...
kezdoldalGRASS - A...
GRASS GIS
Microsoft PowerPoint ...

HL 18:10