ACQUIRING GRASS SOFTWARE

GRASS Information Center
P.O. Box 9005
Champaign, IL 61826-9005
217-373-7220
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BACKGROUND

GRASS (the Geographic Resources Analysis Support System) is a public domain geographic information system (GIS) developed by the U.S. Army Corps of Engineers Construction Engineering Research Laboratories (USACERL). GRASS software can be obtained from numerous sources, including several different government agencies, and commercial distribution sites. USACERL holds a trademark on the name Geographic Resources Analysis Support System (GRASS).

The Office of GRASS Integration (OGI) has been established to coordinate all planning, testing, and documenting responsibilities involved in a new release of GRASS software. In addition, this office will be responsible for delivering software to: all federal organizations that are participating sponsors of OGI, established GRASS distributors, training centers and beta test sites, and in some cases to federal agencies for evaluation purposes.

COMMERCIAL DISTRIBUTION SITES

Several organizations, working in cooperation with USACERL and the GRASS Inter-Agency Steering Committee have established themselves as distribution sites for GRASS software. Each site supports a limited number of computers. The types of computers that are supported and the status of GRASS software on specific computers, especially new models, changes rapidly, so it is best to contact the GRASS Information Center and/or the specific distribution organization for current information.

Prices for GRASS software are determined by the distribution organization and vary according to (1) the types of distribution and support services offered, (2) the level of effort that specific distribution organizations have invested in supporting different computers, and (3) special software enhancements and/or modifications an organization may have included with GRASS.

Neither USACERL nor the GRASS Inter-Agency Steering Committee hold formal distributor agreements with these distribution organizations, and each organization is free to set prices, determine services and make enhancements to GRASS. However, both USACERL and GRASS Inter-Agency Steering Committee welcome comments regarding both satisfactory and unsatisfactory experiences with GRASS distribution and support organizations. The following is a list of organizations and the workstations they support:

SUN 3 and PC 386
Spectrum Sciences & Software, Inc
242 Vicki Leigh Road
Ft. Walton, FL 32548
POC: Kenneth Shepardson, 904-862-3031
Fax: 904-862-8111

SUN and PC 386
DBA Systems
Redwood 1 Building, 10560 Arrowhead Road
Fairfax, VA 22030
POC: Sheila Godden, 703-934-6765
Fax: 703-385-5870

Silicon Graphics
G.W. Hannaway & Associates
839 Pearl Street
Boulder, CO 80302
POC: Wyndham Hannaway, 303-440-9631
Fax: 303-440-4421

SUN
A.T.G.
55, Rue Celony
13100 Aix-en-Provence, FRANCE
POC: Cattin Renaud, (011)33-4226-0222
Fax: (011)4226-6756

Concurrent, SUN, PC 386/486, Intergraph
Bureau Nieuwland
European GRASS Center
P.B. 522
6700 AM Wageningen
THE NETHERLANDS
POC: Jan Wim Ploeg, (011)31-8370-21711
Fax: (011)31-8370-25046

IBM 6000 Series
Coe-Truman Technologies, Inc.
2111 State Avenue
Olympia, WA 98506
POC: Keri Carkeek/Randy Riche, 206-754-1531
Fax: 206-754-2187

PC 386/486 and SUN
CSO
PO Box 30
3734 ZG Den Dolder
THE NETHERLANDS
POC: DR Maarten Mertens, (011)31-30-287847
Fax: (011)31-30-291542

Control Data 4000
Control Data
425 N New Bellas/101
ST Louis, MO 63141
POC: Donald Baird, 314-872-2237
Fax: 314-872-2206

Millennium
Ramtek Corporation
1525 Atteberrry Lane
San Jose, CA 95131
POC: Chris McBean, 408-954-2798
Fax: 408-954-0118

SUN, Tektronix 88K, Data General Aviion, IBM RS/6000
SAIC
700 South Babcock, Suite 300
Melbourne, FL 32901
POC: Jerry Maupin/Brian Hoolihan, 407-676-3102
Fax: 407-676-1628

Digital Equipment (DEC/Ultrix/Mac)
Central Washington University
Ellensburg, WA 98926
POC: Phillip Richins, 509-963-1504
Fax: 509-963-1558

386/486 (Bull, Compac, DEC, Dell Everex
NEC, Zenith) w/SCO or IBM/AIX Unix & RS/6000
Advanced Imaging Solutions
PO Box 27325
Houston, TX 77227
POC: Tom Ring, 713-963-2900
Fax: 713-963-2903

Mac, DEC, Silicon Graphics, CDC Cyber 910 & 4000, Mips
Logiciels et applications Scientifiques, Inc.
1570, rue Chabanel Quest
Montreal, Quebec, H4N 1H4, CANADA
POC: Gilles Clement, (514)858-1104
Fax: (514)389-9373

AT&T, PC 386/486 w/ Intel CPU
NRI
PO Box 4811
Ithaca, NY 14852
POC: TR Forbes, PH.D., 607-257-6348
Fax: 607-257-6348

Dell 386/486
Dell Computer, Corp.
9505 Arboretum Blvd.
Austin, TX 78750
POC: Tom Hartsell, 800-727-1100, ext 3289
Fax: 800-365-5329

SUN, Okidata 7300 Sys 5R4
Rutgers University/Cook College
PO Box 231
New Brunswick, NJ 08903-0231
POC: DR Scott Madry, 908-932-9631
Fax: 908-932-8644

Hewlett Packard 9000/720/730
Sedona Scientific
1785 West Highway 89A, Suite 3D
Sedona, AZ 86336-5559
POC: Vernon Dorrell, 602-204-1404
Fax: 602-282-5998

SUN
Osiris Systems Corporation
8846 Carmanah Terrace
Sidney B.C., V8L 5E9, CANADA
POC: Daryl Ehrmantraut, 604-655-4484
Fax: 604-655-4411

SUN
ASSIST
Midlands Regional Research Laboratory
Bennett Building
University of Leicester
Leicester, LE1 7RH, ENGLAND
POC: DR Alan Strachan, (011)0533-523849
Fax: (011)0533-522200

In addition, GRASS is now available on CD-ROM, including sample data sets and binaries for the following workstations: **Sun SPARC, DEC Ultrix, DG Aviion, and RS/6000.** To obtain a CD-ROM, contact:

Young Minds, Inc.
308 W State St
Redlands CA 92373
POC: Reed Carlstrom
714-335-1350, FAX: 714-798-0488

Please note that some computer lines are supported by more than one site and some computers that run GRASS are not listed by any distribution organization. For these computers, we list a contact point with the hardware vendor, to whom inquiries can be directed. For instance: Apollo - Barbara Krieg, 508-256-6600.

The GRASS Hardware Configuration Guide, which is updated twice a year and maintained by the USACERL GRASS Hardware Coordinator, should be referenced to identify configuration options for the complete list of hardware that will support GRASS software.

AGENCY SPECIFIC DISTRIBUTION SITES

Several government agencies that are cooperating members of the GRASS Inter-Agency Coordinating Committee provide GRASS distribution, support, and training services for sites within their agencies. None of these government agencies distribute GRASS to the general public. Each agency determines what computers they support and what services they will provide. Other government agencies that want to establish internal distribution arrangements for GRASS should contact the GRASS Information Center. The following is a list of Agencies and the point of contact.

USACERL
PO Box 9005
Champaign, IL 61826-9005
POC: Mark Johnson/Paul Loechl, 217-352-6511
Fax: 217-373-7222

Soil Conservation Service
National Cartographic Center
501 Felix ST, PO Box 6567
FT Worth, TX 76115
POC: Richard Franchek, 817-334-5559
Fax: 817-334-5290

National Park Service
PO Box 25287
Denver, CO 80225
POC: Harvey Fleet, 303-969-2593
Fax: 303-969-2822

USGS
National Center
Mail Stop 915
12201 Sunrise Valley DR
Reston, VA 22092
POC: Edward Escowitz, 703-648-6505
Fax: 703-648-5464

ACQUIRING GRASS THROUGH THE COMPUTER NETWORK

The CERL GRASS 4.0 release is available via the Internet for thoses sites that have Internet access. For those locations that choose to download GRASS from the net, please understand that this does NOT include any support. If you need assistance, you may contact one of the distributors listed and discuss how to obtain support from them. For your site, purchasing GRASS from one of the distributors listed might be a better choice, if you would like user support to be included. Hard copy manuals may also be purchased from the GRASS Information Center at 217/373-7220 or one of the distributors.

This release should work well on SUN computers and should work with minimal programming efforts on Masscomp, Iris, and some 386 systems. But again, please realize that any assistance must be purchased from a distribution site. GRASS fixes, upgrades, and new programs will be made available on the Internet as they are completed.

To obtain GRASS via the Internet:

ftp moon.cecer.army.mil (IP address: 129.229.1.16)
Name: **ftp**
Password: **personal email address**
cd grass4.0

This directory contains several files including a README file detailing the contents of the directory.

*NOTE: Many other things are also available from this ftp site, such as other GRASS related documentation and GRASS icons. To obtain these, "cd" into the appropriate subdirectory as in the example given above for GRASS4.0 software.