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## Welcome to The Harlow Report - GIS

Welcome to the 6th issue of 2003! This issue is filled with information that you should know. We take a look not just at GIS, but at GOS as well. After a look at the great works in the MAPublisher Competition, you should read our article on the true meaning of those uptime stats your IT department keeps telling you about. Whatever you do, do not miss “Questionable Quotes” nor “Chances of a Man Winning an Argument” in our Just for Fun section.

### Featured Articles

**GOS Is Here!** GOS stands for **Geospatial One-Stop Portal**. It is designed to increase data access for government and the public.

**MAPublisher Map Competition Winners** Avenza announced the winners its 2003 MAPublisher Map Competition. The competition showcases the quality and diversity of maps that can be produced with MAPublisher.

**Uptime and Downtime** I realize that my readers are smarter than the average person, but just in case the second smartest person in the world is reading this, I thought you may want to explore the meaning of uptime in your SLA for your server

### More to Know

**Out of the Box** Our collection of news events that may indirectly effect your GIS project. Events are categorized by State and Local Government, Technology, and Utilities.

**GIS Net Surfing** Our monthly list of interesting GIS web site links. If you want a description and links for GIS suppliers, click on **GIS Vendors** in the upper right corner.

**News to Use**. Short takes on the latest GIS news with links to more information

### Just 4 Laffs

**Questionable Quotes** Find out which genius said “Smoking kills. If you’re killed, you’ve lost a very important part of your life.” Believe it not, that isn’t even the dumbest thing you’ll find in this compilation.

**Chances of a Man Winning an Argument** See for yourself.

As always, we thank you for your support.

*Chris Harlow*



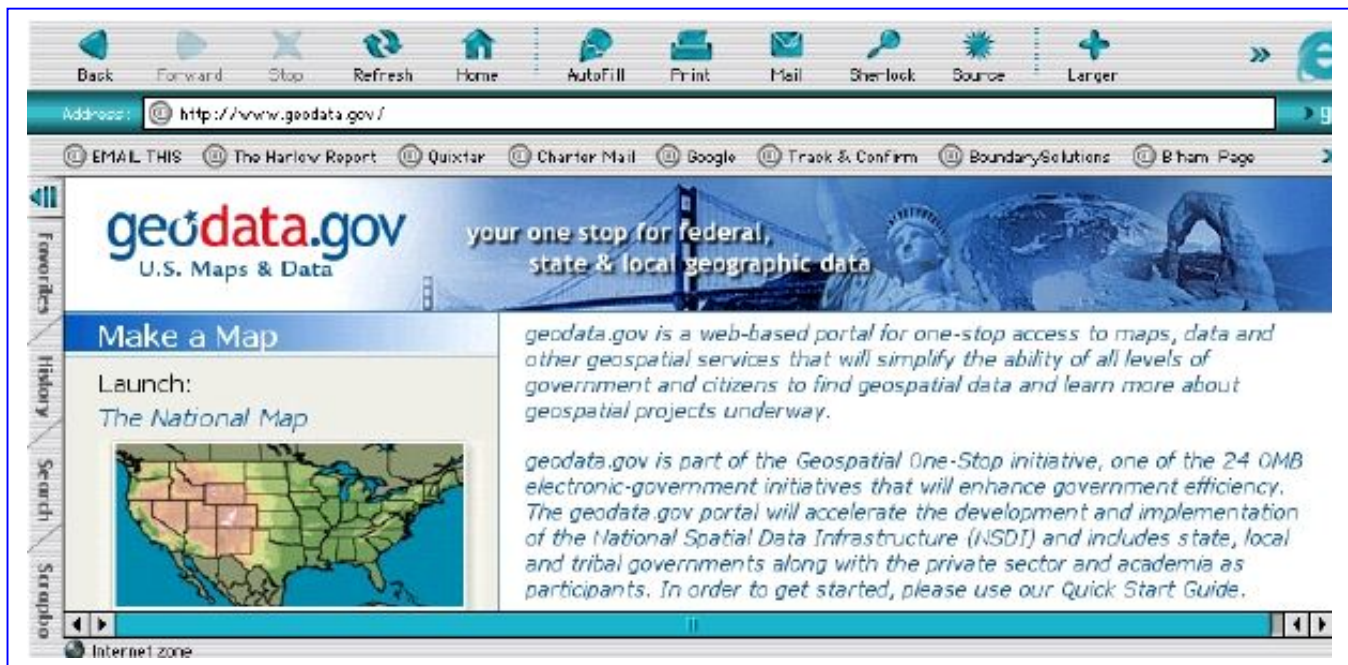
## **GOS is Here!**

**Gos** is here! Excited? Frightened? Can't wait to write home about it? Or are you thinking, "What the heck is a GOS?" GOS means **Geospatial One-Stop Portal**. It is designed to increase data access for government and the public.

The GOS portal provides data that is shareable by anyone, anywhere. Overseen by the Office of Management and Budget (OMB), it is the result of an e-government initiative to make access to geospatial information from multiple sources faster and less expensive for all levels of government as well as the public. This is U.S. government web site, built by ESRI and accessible at [www.geodata.gov](http://www.geodata.gov), launched on June 30, 2003.

### **Why and ESRI Portal?**

According to ESRI spokesperson, Karen Hurlbut, "The ESRI portal was chosen for the first-phase operational system based on usability and support factors. Built with commercial off-the-shelf (COTS) software and based on open standards, the site is secure and supported 24/7 with fail-over capabilities.



"The portal was designed to be open and interoperable with virtually any GIS data set or service. In crafting GOS, ESRI paid particular attention to both Web services standards and emerging GIS standards from the Open GIS Consortium, Inc. (OGC), International Organization for Standardization (ISO), and the Federal Geographic Data Committee (FGDC). More than 15 viewers from a variety of software companies are supported by the site."

### **About the Board**

Geospatial One-Stop is a collaborative effort, governed by an Intergovernmental Board of Directors, and supported by the assistance of the following Federal Partners, agencies providing financial or in-kind contributions to the initiative.

Board members include:

- \* International City/County Management Association ([www.icma.org](http://www.icma.org))
- \* Intertribal GIS Council ([intertribalgis.org](http://intertribalgis.org))
- \* National Association of State Chief Information Officers ([www.nascio.org](http://www.nascio.org))
- \* National States Geographic Information Council ([www.nsgic.org](http://www.nsgic.org))
- \* National Association of Counties ([www.naco.org](http://www.naco.org))
- \* National League of Cities ([www.nlc.org](http://www.nlc.org))
- \* Western Governors Association ([www.westgov.org](http://www.westgov.org))
- \* Department of the Interior ([www.doi.gov](http://www.doi.gov))
- \* Department of Commerce ([www.commerce.gov](http://www.commerce.gov))
- \* Department of Transportation ([www.dot.gov](http://www.dot.gov))
- \* National Aeronautics and Space Administration ([www.nasa.gov](http://www.nasa.gov))

OMB Circular A16 ([http://www.whitehouse.gov/omb/circulars/a016/a016\\_rev.html](http://www.whitehouse.gov/omb/circulars/a016/a016_rev.html)) identifies membership in the FGDC, but participation in Geospatial One-Stop is available to any agency wishing to contribute to this e-government initiative.

## GIS, NASCAR Style?

“This portal is a gateway to the National Spatial Data Infrastructure (NSDI) and the GIS superhighway,” said Jack Dangermond, ESRI president. “Not only does GOS simplify the search for data, it also centralizes access to services and lets users visualize map services across multiple servers, publish metadata and services, and learn about geospatial activities, standards, and other related information. This implementation was carefully designed to support publishing and access to geospatial knowledge of any type and from any vendor, regardless of format or standard.”

According to Mark Forman, associate director for information technology and e-government at the OMB, “Geospatial data is crucial for government efforts in homeland security, environmental protection, economic development, and other important policy areas. Geodata.gov provides the tools necessary for greater intergovernmental collaboration and partnership on these key issues while reducing duplicative spending and wasted resources.”

## Types of DATA

There are three categories of geographic content available on geodata.gov: data, documents, and resources. Each category has a number of content types. Search for data if you want to download, order, or add data or map services directly to your map. Search for documents if you are interested in map files, static map images, and geographic information. Search for resources if you are seeking links to external Web sites, data clearinghouses, GIS based Web applications, and geographic activities.

## Conclusion

There is a lot to see at this portal, and I encourage you to go there, use it, and contribute to it (<http://www.geodata.gov/gos>). While this is an important step in the evolution of GIS, it is an even more important step in the evolution of an opened government. Access to data and information is essential for a free society.



## MAPublisher Map Competition Winners

Avenza ([www.avenza.com](http://www.avenza.com)) announced the winners its 2003 MAPublisher Map Competition. The competition showcases the quality and diversity of maps that can be produced with MAPublisher.

Ted Florence, president of Avenza Systems Inc. said “We continue to be impressed by the high quality of the maps our users produce and we congratulate the winners and thank all entrants for their excellent display of cartographic skill using MAPublisher.” Frankly, we agree.

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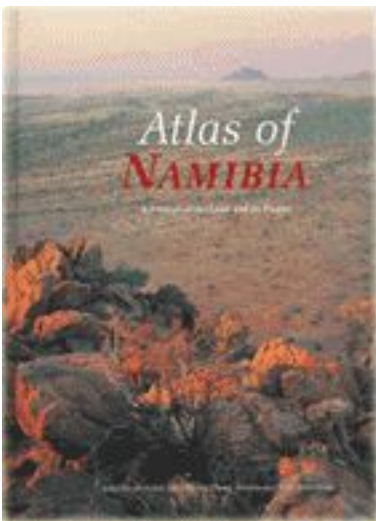
**Title: Atlas of Namibia: A portrait of the land and its people**

**Author(s):** Carole Roberts , John Mendelsohn, Alice Jarvis and Tony Robertson

**Organization:** Atlas of Namibia Team, Directorate Environment Affairs, Windhoek, Namibia

**Copyright:** Ministry of Environment and Tourism, Namibia

**Description:** This atlas was published at the end of last year and unfortunately this brief description and the images to the left do not to justice to this amazing piece of work. The book contains over 200 maps which were compiled using MAPublisher in conjunction with Adobe Illustrator 8.01 from ArcView .shp files. Apart from thematic maps, the atlas also has topographical, geological, climatic, transportation, etc. maps. It comprises six chapters: Introduction (including 7 topographical maps of the country), physical geography, climate, plants and animals, the land, and the people. The last thematic atlas of Namibia was published 20 years ago. This new atlas is a compilation of the latest GIS, images and statistical information for the country. It was compiled and produced over three years and only possible through the generous support of a great number of people and organisations. The Atlas Project was based in the Ministry of Environment (Directorate of Environmental Affairs) and funded by the Government of Finland, through a bilateral agreement. The book is one of two products of the project. The second product is the data that were assembled and processed to produce the maps. This data is available on the web at [www.dea.met.gov.na](http://www.dea.met.gov.na)  
This map won the thematic category, as well.



**To download this map:  
(17 pages, 19.2 MB)**

<http://www.avenza.com/MPComp/2003/maps/Namibia-Allmaps.pdf>

## **The Other Winners**

We urge you to visit the Avenza site to take a look at the work of all the winners. The details and links to the winning map are located at <http://www.avenza.com/MPcomp/2003>. For the record, the winners were:

- \* **Best Map Overall:** Atlas of Namibia Team, Directorate Environment Affairs for Atlas of Namibia: A portrait of the land and its people.
- \* **Best Special Purpose Map:** Janis Turlajs, Gints Millins and Gvido Petersons, Jana Seta Map Publishers Ltd., for Pasaules Geografijas Atlants (World Geographic Atlas)â.
- \* **Best Topographic Map:** Charles Kitterman, Kulshan Cartographic Services for Mt. Rainier Climbing Guide.
- \* **Best General Purpose Map:** Hans Van der Maarel, eXQte for Wandkaart Apeldoornâ.
- \* **Best Thematic Map:** Atlas of Namibia Team, Directorate Environment Affairs for Atlas of Namibia: A portrait of the land and its peopleâ.
- \* **Best Transportation Map:** Steve Spindler, Steve Spindler Cartography for Greater Philadelphia Regional Bicycle MapS.
- \* **Best Academic Map Individual:** Jonathan Shadreck Gwaligwali, International Institute for Geo-Information Science and Earth Observation (ITC) for City of Blantyreâ.
- \* **Best Multimedia Map:** Sumiyo Giampietro, Gregg Faus, Hepp Maccoy

## **Conclusion**

Congratulations to Avenza for hosting the competition and to all those who entered. Go look at all the winners now: <http://www.avenza.com/MPcomp/2003>.



## Up and Down Time

**E**very so often you run into the concept of uptime and downtime. This is particularly true in the computer industry. You may already have a service level agreement (SLA) with your IT department, but do you really understand what you are promised?

I realize that my readers are smarter than the average person, but just in case the second smartest person in the world is reading this, I thought you may want to explore the meaning of uptime in your SLA for your server

Most servers run 24/7, or 24 hours per day, seven days a week. When it comes to web servers this is not only the norm, but it is mandatory. Imagine surfing the web and finding that the web server is only available during normal business hours

### The numbers please

The other day, someone told me about the good deal that got from their ASP (application service provider). This person was proud that they were guaranteed 95% up time. "We can live with that," he boasted. Oh really? Take a look at what he really got.

#### **Uptime% = Downtime min/yr**

90% = 52,600 minutes

95% = 6,280 minutes

99% = 5,256 minutes

**99.999% = 5.25 minutes**

While 95% uptime sounds good, ask yourself this: Can you really live without your server for 6,280 minutes per year? That's 104.667 hours per year, or 4.63 days per year.

Even with 99% performance you can expect to be down for 3.65 days per year. That's probably tolerable, unless it all happens at once. But, if you and your customers rely on accessing your server, then the standard is 5 9's or an uptime of 99.999% — that's just five minutes and 15 seconds in the entire year. However, a more realistic target might be what the [Uptime Institute®](#) refers to it as a Tier IV computer environment that delivers 99.991% availability. According to the institute: "Tier IV's 99.991% uptime is an average over five years. An alternative calculation using the same underlying data is 100% uptime for four years and 99.954% for the year in which the downtime event occurs."

### Conclusion

Availability comes at a cost. As you decrease the expected downtime, you add redundancy to your computer room in terms of servers, power, air conditioning, and security. Keep in mind that the performance numbers are averages. Thus, if the downtimes occur a few seconds each time, it may be annoying, but it may not be noticed. However, you must assume that the outages come in blocks of time, and you are kidding yourself if you think 95% uptime is acceptable service to you, or acceptable service from you to your customer. Now go checked out your SLA.



## **Out of the Box**

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**Editor's note:** In "Out of the Box" we bring you news snippets that are not necessarily related specifically to GIS. These are items that come across my screen that help me understand our industry, by understanding the world around us. For the complete article just click "Details Here." Think of it as thinking **Out of the Box**

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### **In State and Local Government ...**

- NASA awarded \$3.1 million to a Kentucky program for map data. The Kentucky Landscape Census will provide public access to geospatial information and an Internet-based computer mapping system. Slated to begin this fall, the project has an overall price tag of \$4.3 million and will be completed in 2006.

<http://www.fcw.com/fcw/articles/2003/0804/web-nasa-08-04-03.asp>

Police officers get armed with maps. A newly developed computer program will provide Escambia County law enforcement and emergency response personnel vital facility information on county schools in case of a crisis. Escambia Sheriff Ron McNesby and Superintendent of Schools Jim Paul unveiled Operation SchoolSmarts on Monday. The program will give users instant access to blueprints and aerial pictures of 65 county schools. It is scheduled to be installed on each deputy's in-car computer by the beginning of the school year.

<http://www.pensacolajournal.com/news/072903/Local/ST007.shtml>

Change is the name of the game, according to Durangoan Nancy Jacques, spokeswoman for a coalition of environmental groups that want to rename Lake Powell. The almost 200-mile-long body of water was named for early Colorado River explorer James Wesley Powell. It was created and named during the Eisenhower administration and has been known as Lake Powell ever since.

[http://durangoherald.com/aspxbin/article\\_generation.asp?article\\_type=news&article\\_path=/news/news030806\\_4.htm](http://durangoherald.com/aspxbin/article_generation.asp?article_type=news&article_path=/news/news030806_4.htm)

### **In Technology ...**

- Microsoft abandons stock options. In a head-on reply to mounting criticism of stock options, Microsoft (MSFT) said Tuesday that it will stop giving them out and will give its 50,000 employees actual shares of stock instead. The move could start a trend among other companies, but resistance in the technology sector is high.

<http://www.fool.com/news/commentary/2003/commentary030711bm.htm>

It used to be that only high-priced luxury cars came with satellite navigation systems to help drivers find their way around unfamiliar places. Everyone else on the road was left to fumble with old-fashioned road maps or to print out turn-by-turn directions from Web sites like MapQuest

[http://news.com.com/2100-1039\\_3-1024160.html](http://news.com.com/2100-1039_3-1024160.html)

- Red Hat's Mad Matt Vs. Humongous SCO Lawsuit. It's a bit like the scene in Mad Max 2--The Road Warrior, where Mel Gibson and his clan of post-apocalyptic misfits finally get tired of being attacked and decide to turn the tables on The Humongous and his marauding leather-clad baddies.

[http://www.forbes.com/2003/08/04/cz\\_dl\\_0804linux.html](http://www.forbes.com/2003/08/04/cz_dl_0804linux.html)

- Listening to Marshall Brain explain the future as he sees it, it's relatively easy to suspend disbelief and agree how plausible it is that over the next 40 years most of our jobs will be displaced by robots.

<http://www.wired.com/news/business/0,1367,59882,00.html>

## **In Utilities ...**

- By the summer of 2004, the Albany, Ga., Water, Gas & Light Commission will be reading all of its gas, water and electric meters via mobile automated meter reading (AMR) technology, the utility announced today. Through a business arrangement facilitated by Hometown Connections, the utility will install Itron Inc's AMR system to download usage data to vehicle-based collection units from more than 94,000 meter

[http://www.electricenergyonline.com/detail\\_industry\\_news.asp?ID=8986](http://www.electricenergyonline.com/detail_industry_news.asp?ID=8986)

- FERC staff plans to begin an industrywide audit of the accounting related to formula rate open access transmission tariffs, the agency disclosed in letters recently sent to two utilities that have been selected for the audit, Georgia Power Co. and Entergy Louisiana Inc.

[http://www.energycentral.com/sections/news/nw\\_article.cfm?id=4043970](http://www.energycentral.com/sections/news/nw_article.cfm?id=4043970)

- Let utility districts tax themselves to build parks. Proposition 4 on the Sept. 13 ballot to amend the Texas Constitution would give the Legislature power to allow MUDs in 10 counties -- including Travis, Williamson and Bastrop -- to issue bonds backed by property taxes for development and maintenance of parks and recreational facilities, if local voters approve.

[http://www.statesman.com/opinion/content/auto/epaper/editions/thursday/editorial\\_f313afe27581a16d00d0.html](http://www.statesman.com/opinion/content/auto/epaper/editions/thursday/editorial_f313afe27581a16d00d0.html)

Duck River Electric Membership Corporation in Shelbyville has told the Tennessee Valley Authority it might seek competitive bids for electric power in five years. Duck River joins Meriwether Lewis Electric Cooperative in Middle Tennessee and two systems in the Bowling Green, Kentucky, area in giving a five-year notice to TVA.

<http://www.wbir.com/News/news.asp?ID=13978>



## **GIS Net Surfing**

### **The Gutenberg Bible**

<http://www.hrc.utexas.edu/exhibitions/permanent/gutenberg/html/8.html>

The University of Texas at Austin copy of the Gutenberg Bible is printed on paper and is in two volumes. It is one of forty-eight surviving copies and one of twenty-one complete copies in the world. Five of these are in the United States (the others are at the Library of Congress, Harvard University, Yale University, and the Pierpont Morgan Library). The Ransom Center acquired its copy in 1978 from the Carl H. Pforzheimer Foundation in New York City.

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### **Italian Power Generation?**

<http://www.powergenitalia.com>

If your business is power generation and you wanted to open an office in Italy, what would you call your website?

Surely not!

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### **Massachusetts Statewide Site Finder**

<http://www.massmeansbusiness.com>

Statewide Site Finder Promotes Massachusetts Business Opportunities  
Powerful Spatial Resource Created Using ESRI's ArcIMS and ArcSDE Software

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### **TSafeTrack24-7**

<http://www.SafeTrack24-7.com>

TGPS Vehicle Tracking and Control System. Locates your car, boat, or RV anytime, anywhere in North America. Will exchange links with: Auto accessories; Theft protection/asset recovery; Driving schools, teen drivers, auto insurance, accident prevention/vehicle safety; Parents of teens; Auto or boating associations/clubs; any other related sites.

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### **Lewis and Clark Web Site**

<http://www.esri.com/lewisandclark>

ESR launched a Web site to commemorate the exploration of North America by Meriwether Lewis and William Clark's Corps of Discovery. Two hundred years ago, using compass, sextant, and the help of native peoples to guide them, the explorers started on a journey that would alter the face of the United States and significantly impact all the peoples within. Today, 21st century geospatial tools and processes are being applied to chronicle and explore numerous aspects of the 19th century event and its impacts, which ripple across two centuries. The Lewis and Clark Web site provides an introduction to these modern analyses as well as a detailed history of mapmaking-from the tools used by the Corps of Discovery to modern cartographic methods such as GIS, a computer-based tool for mapping and analyzing places and events.



## **News to Use**

### **2002 U.S. Power System Map**

<http://www.EnergyPromotion.net/Enermap.htm>

Released June 2002, the 2002 U.S. Power System Map from ENERmap clearly illustrates the U.S. Electric Power industry: utility and non-utility power plants and capacities, transmission lines, service territories, and NERC regions are overlaid on a detailed base map with states, counties, major cities, topography, and more. Features of this full color 42" X 80" map include"

- Plants (by regulatory status and fuel mix)
- Transmission lines
- Utility and non-utility service territories
- NERC regions
- States, counties, cities, and towns
- 12 detailed insets
- Handy and informative plant locator table
- Topography, and other useful features

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### **GANNETT NEWSPAPERS AND MAPQUEST TEAM UP TO EXPAND MAPPING AND ROUTING FUNCTIONALITY**

<http://www.mapquest.com/solutions/product.adp>

MapQuest announced an expanded agreement with Gannett, Co., Inc., the USA's largest newspaper group in terms of circulation, to map-enable the community calendar platform utilized by many of Gannett's newspapers nationwide. Under the agreement, Gannett licensed MapQuest Enterprise v2.0, a set of advanced, customizable, enterprise mapping tools from MapQuest Business Solutions for integration within the community calendar platform of Gannett Newspapers websites, including such leading newspapers as The Indianapolis Star, The Journal News of Westchester, NY, and The Courier Journal of Louisville, KY.

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### **Avenza's New Live Demo of MAPublisher**

<http://www.avenza.com>

Avenza Systems' MAPublisher now can be demonstrated live over the internet using a new technology from Glance Networks ([www.glance.net](http://www.glance.net)). Similar to Webex, Glance does not require any additional client side software. Clients simply <http://avenza.glance.net> into a browser window, enter a four digit password and they are able to view the desktop of an Avenza representative who then provides a custom live demo of MAPublisher's capabilities. The person taking the demo can ask questions and request a review of specific functionality. Live demos can be scheduled online at [www.avenza.com](http://www.avenza.com) or by calling Avenza at 1-800-884-2555. A typical live demo takes 10-15 minutes but can be extended on request.

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### **upFront.eZine Publishing, Ltd. Launches Tailoring AutoCAD**

<http://.www.upfrontezine.com>.

upFront.eZine Publishing, Ltd. launched Tailoring AutoCAD, the e-book for new and experienced AutoCAD users. The 160-page e-book contains step-by-step tutorials for learning how to customize the popular CAD (computer-aided design) software. Tailoring AutoCAD is published exclusively in Adobe Acrobat format. The e-book covers these tutorial subjects:

- \* Changing the AutoCAD user interface.

## **The Harlow Report Geographic Information Systems - Vol 26 Issue 06**

- \* Creating aliases and keyboard shortcuts.
- \* Modifying the toolbar and writing macros.
- \* Customizing menus and writing menu macros.
- \* Creating custom linetypes and hatch patterns.
- \* Working with .shp files for shapes/fonts.
- \* Writing scripts and AutoLISP programs.

Price is \$19.95 with electronic delivery; \$24.95 on CD, shipping included. (All prices in US funds.)

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### **ImageLinks and CAE Forge Long Term Agreement**

<http://www.ImageLinks.com>

ImageLinks Inc. entered into a long term business relationship with CAE Inc. of Montreal, Canada, as CAE's preferred provider of imagery databases. CAE selected ImageLinks based on its track record for consistently delivering quality TrueTerrain™ products, superior customer service and a detailed understanding of the Visual Simulation industry. Image Links creates TrueTerrain products by merging and mosaicking multi-source, multi-resolution satellite and aerial imagery on an elevation surface to provide realistic, geospecific terrain features.

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### **Intergraph Funding Research for UCGIS Members**

<http://www.ingr.com/>

Intergraph Mapping and Geospatial Solutions, in collaboration with the University Consortium for Geographic Information Science (UCGIS), today announced a GeoMedia® research grant opportunity for UCGIS members. Furthering UCGIS' longstanding commitment to the geographic sciences and education, the grant is open to any member using or intending to use Intergraph's GeoMedia technology as the foundation for geographic information systems (GIS) research. The GeoMedia research grant will award \$5,000 (U.S.) cash funding and a \$50,000 software donation in recognition of an exceptional and innovative applied research proposal submitted by a UCGIS member.

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### **Hydro Ottawa Awards Intergraph Contract for GIS and Outage and Mobile Workforce Management**

<http://www.hydroottawa.com/holding/index.cfm>

Hydro Ottawa Limited purchased Intergraph Mapping and Geospatial Solutions' G/Electric for geofacilities management and InService™, for outage and mobile workforce management. Hydro Ottawa serves approximately 260,000 customers in the Ottawa region and is the third largest electric utility in Ontario. G/Electric and InService will form the foundation of Hydro Ottawa's integrated Geospatial Resource Management (GRM) environment, which supports seamless workflows among applications that manage and maintain a service-delivery network. G/Electric's open architecture facilitates integration between geospatially related analysis applications. InService's outage management capability will enable Hydro Ottawa to manage day-to-day network operations more efficiently and reduce restoration time during power outages throughout its 1,050-square-kilometer service territory. In addition, it will analyze operating data to help predict and correct probable distribution network failures.



## **Questionable Quotes**

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**Editor's Note:** Every good writer and speaker yearns for the perfect quote to use in the next article or speech. But why settle for the perfect quote, when you can use a not-so-perfect quote. Sent to me by a retired Price Waterhouse partner, are a few you ought to use.

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Question: If you could live forever, would you and why? Answer: "I would not live forever, because we should not live forever, because if we were supposed to live forever, then we would live forever, but we cannot live forever, which is why I would not live forever,"

*Miss Alabama in the 1994 Miss USA contest.*

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"Whenever I watch TV and see those poor starving kids all over the world, I can't help but cry. I mean I'd love to be skinny like that, but not with all those flies and death and stuff."

*Mariah Carey*

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"Smoking kills. If you're killed, you've lost a very important part of your life,"

*Brooke Shields, during an interview to become Spokesperson for federal anti-smoking campaign.*

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"I've never had major knee surgery on any other part of my body,"

*Winston Bennett, University of Kentucky basketball forward.*

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"Outside of the killings, Washington has one of the lowest crime rates in the country,"

*Mayor Marion Barry, Washington, D.C.*

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"I'm not going to have some reporters pawing through our papers. We are the president."

*Hillary Clinton commenting on the release of subpoenaed documents.*

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"That lowdown scoundrel deserves to be kicked to death by a jackass, and I'm just the one to do it."

*A congressional candidate in Texas.*

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“I don’t feel we did wrong in taking this great country away from them. There were great numbers of people who needed new land, and the Indians were selfishly trying to keep it for themselves.”

*John Wayne*

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“Half this game is ninety percent mental.”

*Philadelphia Phillies manager, Danny Ozark*

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“It isn’t pollution that’s harming the environment. It’s the impurities in our air and water that are doing it.”

*Al Gore, Vice President*

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“I love California. I practically grew up in Phoenix.”

*Dan Quayle*

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“It’s no exaggeration to say that the undecideds could go one way or another”

*George Bush, U.S. President*

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“We’ve got to pause and ask ourselves: How much clean air do we need?”

*Lee Iacocca*

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“I was provided with additional input that was radically different from the truth. I assisted in furthering that version.”

*Colonel Oliver North, from his Iran-Contra testimony.*

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“The word ‘genius’ isn’t applicable in football. A genius is a guy like Norman Einstein.”

*Joe Theisman, NFL football quarterback & sports analyst.*

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“If we don’t succeed, we run the risk of failure.”

*Bill Clinton, President*

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“We are ready for an unforeseen event that may or may not occur.”

*Al Gore, VP*

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“Traditionally, most of Australia’s imports come from overseas.”

*Keppel Enderbery*

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“Your food stamps will be stopped effective March 1992 because we received notice that you passed away ... May God bless you. You may reapply if there is a change in your circumstances.”

*Department of Social Services, Greenville, South Carolina*

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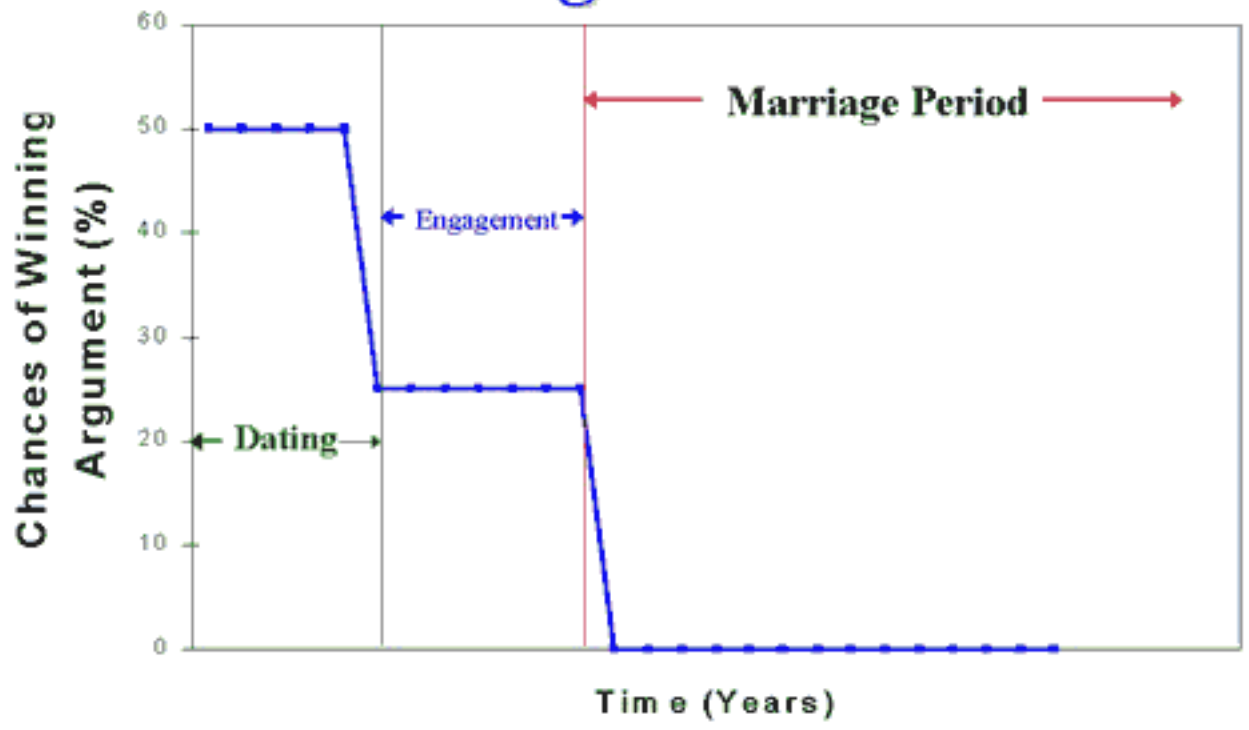
“If somebody has a bad heart, they can plug this jack in at night as they go to bed and it will monitor their heart throughout the night. And the next morning, when they wake up dead, there’ll be a record.”

*Mark S. Fowler, FCC Chairman*

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# Chances of a Man Winning an Argument



If you change your  
Email address,  
tell us!

[Charlow@charter.net](mailto:Charlow@charter.net)



**Looking for a domain name, email address or an inexpensive web hosting services?  
Go to <http://www.aadomain.net> where domain names are \$8.75 or less!**