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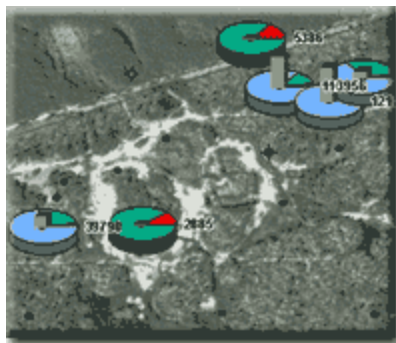
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Market Solutions

SUPPORTING SUCCESS IN OIL & GAS



See Data Presentation at **ESRI PUG Conference in Houston on March 4th** ([click here to view full image](#))

Around the world, exploration and production geoscientists, land managers, GIS specialists, and pipeline engineers are discovering the power of geospatial tools. Oil & Gas professionals are applying geo-technologies in seismic surveys, surface modeling activities, pipeline routing, environmental risk assessment studies, and well management. LAND INFO International, working with a host of other industry leaders, is developing a variety of geospatial solutions to support the success of these professionals.

LAND INFO offers high-resolution [topographic base maps](#), 3D [terrain models](#), [aerial photos](#), [satellite imagery](#), and a variety of additional [culture data](#) in oil & gas hotspots. This includes United States coverage for high activity locations in the Green River Basin, Permian Basin, Transition Zone in southern

Data is just part of the solution. LAND INFO is also developing the means of delivering and accessing integrated datasets through a web interface. LAND INFO is working closely with [IHS Energy Group](#), a world leader in energy information solutions, and [Pixxures](#), a growing provider of online mapping services.

"By combining clients' geospatial data needs with the power of the Internet," explained **James Schiefer**, Executive VP of Sales & Marketing for LAND INFO. "We will enable geoscientists to instantly access a high-resolution surface map database for their project area. LAND INFO will store, maintain, and deliver all the geospatial data needed, any time its needed, from any where a user is."

A demonstration of the integrated data solution will be presented at the ESRI Petroleum User Group (PUG) Conference in Houston, Texas, from March 4 - 6, 2002. IHS Energy Group will present the demo from Booth #36.

The web access program is expected to be fully available later this year. LAND INFO will market the program through two optional pricing models. Clients can select either a annual subscription plan or a "pay-per-use" program.

Interested clients can [contact Jim](#)

Coverage Spotlight

BEACHES, BANANAS, & GIS IN BEAUTIFUL BELIZE

Belize is synonymous with sunny vacations, coral reef diving expeditions, and Mayan sight-seeing tours. The country's tourism business attracts millions of visitors from Europe, Asia, and the United States. Belize's biggest employer, the banana industry, continues to grow significantly each year. However, the country is gaining much international attention for its increasing use of geo-technologies for environmental and archeological applications.



LAND INFO offers Belize mapping data in multiple scales

Belize is a relatively flat country. The exception is the Maya mountain range in the southern part of the country. This region receives an average annual rainfall of 60 inches. The high moisture, combined with the area's rich mineral deposits, has created a fertile tropical forest.

Louisiana, and Alaska. Internationally, LAND INFO has an extensive geospatial archive with data of [Saudi Arabia](#), [Iraq](#), [Kuwait](#), [Azerbaijan](#), [China](#), [Chile](#), and [Venezuela](#).



Many of you are new to GIS. Therefore, the DSJ regularly includes articles and features that help you better understand the geospatial world. We also try to have a little fun while we learn.

You can check your answer, as well as play GEOtrivia at the LAND INFO website. [\(click here for answer\)](#)

Corporate News

LAND INFO ANNOUNCES NEW PROFESSIONAL GIS SERVICES

LAND INFO International has broadened its line of consultative services. The company now offers clients a full data solution for professional GIS projects. This includes geospatial data planning, customized production, and full integration services. The new services complement LAND INFO's existing business of providing geographic data, such as satellite imagery, aerial photos, topographic maps, three-dimensional terrain models, and map feature layers.

"We are committed to providing clients a complete geospatial solution," commented Michael Blakeman, LAND INFO's CEO & President. "This critical spatial planning and management services now complement our extensive data production solutions."

USA AERIAL PHOTOS

LAND INFO offers full coverage of USGS DOQQ aerial photos. Standard

[Schiefer](#) directly to further discuss the upcoming web access program. Please visit www.LANDINFO.com or contact your LAND INFO representative to learn more about available datasets and coverage areas for your oil & gas projects.

What's the correct definition of the following GIS term?

"MAP PROJECTION"

- A. The map's minimum resolution specifications to accurately be displayed on a large screen
- B. The representative means of transforming three-dimensional space (*i.e. real world*) onto a two-dimensional surface (*i.e. map*)
- C. The coordinate parameters that define the map's orientation to the Earth's axis

Amidst this diverse forest environment lies a wealth of archeological relics from the ancient Mayan civilization.

In 1995, the Las Cuevas Research Station opened as a multidisciplinary research center. The center is located in the Chiquibul Forest Reserve, in the center of Belize's Maya Mountains. The center hosts scientists from around the world taking part in biodiversity, conservation, and archeological studies.

Forestry conservation is one of the major disciplines applying GIS. Forest managers integrate remote sensing, topographical, hydrography, insect/primate field studies, tree/plant

inventory, and soil data into GIS applications to help monitor vegetation zones throughout the country. Researchers are most concerned with how the various zones are impacted by agricultural runoff, increasing land development, repeated natural disasters, and other variables over time. The goal is to model current trends, and identify solutions that ensure the forests' long-term survival.

LAND INFO International has an extensive archive of Belize geospatial data. Coverage includes 1:50,000 and 1:250,000 topographic maps, 30-meter and 3 arc-second DEMs, contour elevation data, and other feature map layers. All data is fully geo-referenced for use in GIS, engineering, and GPS applications.

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Send feedback about this DSJ issue to Steve Ebner at sebner@LANDINFO.com.

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