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GEOdata News

UNIQUE FEBRUARY OPPORTUNITY ON AFGHANISTAN DATASETS

LAND INFO has reduced its pricing on select Afghanistan topographic maps, digital elevation models (DEM), and feature extraction layers (*i.e. roads, boundaries, waterways*). The special pricing is **valid on orders placed by February 28, 2002**. The February discounts include a dramatic [45% discount on 1:50,000 scale topographic maps](#). The digital datasets are fully geo-referenced to



*Extracted Feature Layers
Available for Special Prices*

accommodate use with GPS, GIS, and engineering applications. Much of the data can be shipped immediately. [Data samples, full specifications, and complete pricing details are available online at \[www.LANDINFO.com\]\(http://www.LANDINFO.com\)](#).

The special, limited time offer includes three dataset types that can be easily combined to create a multifaceted analysis tool. For example, the road layer, hydrography layer, DEM, and topographic map could be overlaid without accuracy concerns. This is possible since the

Client Solutions

RETURNING THE WILD HORSE BACK TO MONGOLIA



*LAND INFO helps European Zoo
re-establish endangered horse*

The Przewalski Horse, known as "Takhi", last roamed free in 1968, across the desert plains of Mongolia. The Takhi is the only living ancestor to the domesticated horse. For nearly three decades, the Takhi survived exclusively in captivity. Then, in 1997, backed by the [International Takhi Group](#) (ITG) in cooperation with the Mongolian Ministry of Environment, Mongolian National University, and the European Endangered Species Breeding Program (EEP), the first herd of Takhi was reintroduced into the Gobi desert in southwestern Mongolia. The goal of the program is to re-establish a self sustaining Takhi population. The reintroduction project is applying a variety of geospatial technologies to ensure the released Takhi survive in the wild.

The [Zoo Salzburg](#) in Austria is very active in the reintroduction project. In 1999, the zoo provided a major research grant to install a research laboratory to monitor the released herds for the ITG. The research team is made up of the zoo's own veterinarian, **Chris Walzer**, zoo biologists, **Petra Kaczensky** and

into an ArcInfo database, labeled *TakhIS* (Takhi Information System). The system overlays the real-time locations of the animals with topographic base maps, [satellite imagery](#), vegetation maps, and a [three-dimensional terrain model](#) of the area. The result is a visual, interactive tool to monitor the horses, wolves, and surrounding landscape.

LAND INFO provided Zoo Salzburg with [1:200,000 scale Mongolian topographic maps](#) for the release areas. These maps were used as a background map for the research data. LAND INFO color scanned



*Takhi Reintroduction Station
applies GIS to monitor project*

each paper [topographic map](#) to produce a high resolution, digital image. Latitude and longitude coordinates are then assigned to each map. This geo-referencing enabled the the research team to easily integrate the topographic map data with the TakhIS system. LAND INFO's topographic data was also used by area rangers to monitor the distribution and movements of wild ungulates and grazing livestock.

"We chose LAND INFO because the company makes it easy to access

feature layers and DEM are directly produced from the corresponding topographic map. The February promotional pricing includes the following geo-referenced datasets:

- **1:50,000, 1:100,000, & 1:200,000 scale topographic maps**

- **30-meter & 3 arc-second DEMs**

- **Single feature or full**

vectorization

of any scale topo map

"The international community is moving rapidly to develop reconstruction plans for Afghanistan," commented **James E. Schiefer**, Executive VP of Sales & Marketing for LAND INFO. "Our goal is to support these efforts as best as we can. Through the end of February, we are extending this unique value opportunity for these datasets at below-market prices."

[Visit LANDINFO.com](http://www.landinfo.com) for full details about the special offer.

Solutions in Development

Leopold Slotta-Bachmayr, and a host of students from Mongolia, Austria, Switzerland, and Germany.

The research project is funded by the Austrian Science Foundation (FWF) and focuses on tracking the released Takhi herds, as well as their main predator, the wolf. The goal is to study the factors that influence the Takhi's habitat selection, population biology, and survival. One horse from each release herd is tagged with a Global Positioning System (GPS) satellite transmitter. This data, which pinpoints the moving location of the Takhi herds, is transmitted via satellite to the zoo's research team. The researchers will soon begin tagging the wolves with similar transmitters.

The location data is then integrated

information via the Internet," commented Leo Slotta-Bachmayr, one of Zoo Salzburg's biologists working on the research team. "They provided very personal consultations to ensure we got the data we needed."

Today, the wild Takhi population in the Gobi desert now stands at 35. This summer, the ITG plans to transport 18 more horses to the Gobi desert. The initial goal is to sustain 100 wild Takhi by 2004. For more information on the not-for-profit reintroduction project, visit Takhi.org.

HOW ARE YOU USING LAND INFO DATA?

Tell us about your project that used LAND INFO data. It could be the next feature in the Data Solutions Journal. [Email Steve Ebner](mailto:Steve.Ebner@landinfo.com) today.

TELL US YOUR OPINION, HELP SHAPE LAND INFO TEST PROGRAMS

LAND INFO will launch a series of new service lines and client programs during 2002. The goal is provide more of the solutions your project team needs. Most importantly, we want to ensure any new service is going to be valuable to our client family. Therefore, the Data Solutions Journal will periodically present these "solutions in development," and ask for your opinion. Your feedback and comments will help LAND INFO develop the right geospatial solutions for your business.

LAND INFO is currently test marketing the following programs. Prior to formally rolling out these programs, we want to hear your feedback and suggestions.

A) Data Subscription Program:

LAND INFO is developing an annual subscription model for USA 1:24,000 scale topographic maps. Your entire team would have full, 24/7 access to all 50,000+ maps via a secure Internet connection.

LAND INFO is also considering a similar program for its DOQQ aerial photo library, digital elevation models (DEM), and other coverages outside of the United States. Please let us know what other data types and countries should be part of the program.

B) Major Account Program:

Many LAND INFO clients place ongoing data/services orders during

the year. Through this new program, LAND INFO would combine your annual purchases into one flat, discounted price. The Major Account Program will minimize your total costs and maximize your time.

Please contact James Schiefer directly at 1-800-949-5080 ext.219 or jschiefer@landinfo.com to further discuss the test programs. All feedback, negative and positive, is greatly appreciated.

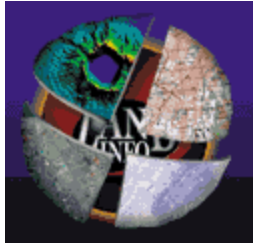


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Send feedback about this DSJ issue to Steve Ebner at sebner@LANDINFO.com.

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