

# Leica Geosystems Press Release

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Norcross, GA, USA

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## **Leica Geosystems Geospatial Imaging Announces TerraSAR-X Capability for ERDAS IMAGINE®**

**Norcross, Georgia, USA** — Leica Geosystems Geospatial Imaging announces the development of a TerraSAR-X processing capability for ERDAS IMAGINE® Radar Mapping Suite 9.1.

Upon completion, this new capability will allow users to display and manipulate images captured by the TerraSAR-X satellite, recently launched from the Baikonur Cosmodrome. This radar satellite, a joint effort of the German Aerospace Centre (DLR) and Infoterra's parent company Astrium GmbH, transmits high quality X-band radar images in record time, penetrating cloud cover and requiring few ground control points. Only five days after launch, the ground station received images, and within thirty minutes, these images appeared on the DLR monitors in Oberpfaffenhofen, Germany.

Leica Geosystems has strategic relations with the Remote Sensing Technology Institute of the DLR, the world's leading radar experts. When the TerraSAR-X capability is released, ERDAS IMAGINE will seamlessly process the images collected by the satellite, providing intelligent information.

"We are excited to bring this processing capability to our remote sensing customers, providing the ability to work with the new TerraSAR-X images," said Bob Morris, President and CEO, Leica Geosystems Geospatial Imaging. "Using TerraSAR-X data and ERDAS IMAGINE, both remote areas and perennially cloud-covered terrain may be mapped and analyzed."

Leica Geosystems provides a full suite of radar mapping solutions. Recently announced, IMAGINE InSAR provides a robust extraction process, increasing the accuracy of digital elevation models (DEMs). Other radar mapping products include IMAGINE Radar Interpreter™, IMAGINE OrthoRadar™ and IMAGINE StereoSAR DEM™.

The TerraSAR-X processing capability for ERDAS IMAGINE will be released later this year. TerraSAR-X will collect images for five years, working independently of weather conditions, providing radar images with a resolution of up to one meter.

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### **About Leica Geosystems Geospatial Imaging**

When building image-based maps, you need reliable measurements and solutions for your entire workflow. So when it has to be right, more geospatial professionals trust Leica Geosystems Geospatial Imaging, to help them collect, analyze, and present spatial information. Leica Geosystems is powering geospatial imaging by putting precise imaging to work. Its broad array of photogrammetry and remote sensing software solutions capture data efficiently, reference imagery accurately, measure and analyze easily and present spatial information, even in 3D. Those who use Leica Geosystems Geospatial Imaging products every day trust them for their precision, their seamless integration, and their superior customer support. Delivering geospatial imaging solutions with precision, integration, and service from Leica Geosystems. When it has to be right.

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Leica Geosystems is part of the Hexagon Group, Sweden. For more information about Leica or its products and services, call +1 770 776 3400, toll free +1 866 534 2286, or visit [www.gi.leica-geosystems.com](http://www.gi.leica-geosystems.com).

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