

RapidEye's Change Detection Services Show Damages in Areas Affected by the Chilean Earthquake

GIS / Earth Observation / Satellite Images / Chile / Earthquake / Change Detection

Brandenburg / Havel, Germany, March 5, 2010 – RapidEye, the only geospatial solutions provider to own and operate a constellation of five identical Earth Observation satellites, announced today that they have used their own before and after imagery of the city of Concepción, Chile to record the changes that were caused by the February 27th earthquake. Concepción was hit the hardest and was the most affected area in the region hit by the 8.8 magnitude quake.

The analysis clearly shows the affected areas at quite a high level of detail. They are based on images taken around one month before the earthquake (January 22nd, 2010) and images taken on Saturday, February 27th, 2010 at around 11:00 a.m. local time, only hours after the earthquake hit the area at 3:34 a.m. local time. The evaluations depict changes to buildings in the airport area, landslides in forested areas, intrusions of water into urban areas and can be used to support the humanitarian aid community in their efforts.

“We are pleased to be able to demonstrate how RapidEye can quickly analyze a series of before and after images, which spotlights our system's unique repetitive capabilities and the excellence of our analytical team” says Dr. Frederik Jung-Rothenhaeusler, Head of Product Development. “This is not only an application that can be used in the security and emergency sector, there are numerous fields for which this analysis is extremely useful.”

For more information about RapidEye's change detection services of the area affected by the earthquake and the following Tsunami, please visit the company's website at www.rapideye.de/chile_change. More information on RapidEye Products and Services can be found at www.rapideye.de.

RapidEye has made these images available for editorial use at www.rapideye.de/home/news/press-area. They may be published for editorial use only, in hard copy, electronic or in broadcast format, provided that credit is provided to “RapidEye” on all such products.

On Monday March 1st, the company had announced that a set of satellite imagery of the affected region had been made available at no cost to governmental and non governmental help organizations and institutions in need of the most current Earth Observation information available for this region. If your organization is involved in emergency efforts for this devastating event, please contact sales@rapideye.de. Additionally, RapidEye has made the imagery available for purchase on the Geodata Kiosk at www.geodatakiosk.com. General inquiries for the imagery can be sent to sales@rapideye.de.

About RapidEye AG

RapidEye is an ISO-certified geospatial information provider focused on integrating customized and industry

specific solutions into the workflow of global customers in agriculture, forestry, energy, infrastructure, government, security and emergency. RapidEye experts and the satellite system – a constellation of five satellites capable of downloading over 4 million km² of high resolution, multi-spectral imagery per day, and a ground segment for processing and archiving data – allow for cost-effective customized services. The unique combination of large area coverage, high spatial resolution and the possibility of daily revisit to an area provide for superior management information solutions. Currently, more than 120 experts from more than 20 countries are employed by RapidEye, with plans to grow the team to 130 in 2010.

RapidEye benefits from a public-private partnership with the Space Agency of the German Aerospace Center (DLR), which is supported by the Federal Ministry of Economics and Technology. RapidEye is also co-financed by the European Regional Development Fund (ERDF) and the State of Brandenburg in Germany. For more information on ERDF please contact efreinfo@mw.brandenburg.de.

For more information about RapidEye, please visit www.rapideye.de.

Photos:

Download RapidEye's series of change detection images of the city of Concepción at www.rapideye.de/home/news/press-area. All rights reserved by RapidEye.

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