



Very High Resolution satellite imagery for Disaster Management: the Eurimage approach

Francesco Barbato(1), Livio Rossi(1)

1. Eurimage S.p.A., Rome, Italy

The use of Very High Resolution (VHR) Earth Observation Imagery has proven its importance as a key information source in risk and disaster management activities.

Today we can carry out many applications with satellite VHR data that only in the recent past were exclusive to airborne and in-situ surveys, despite they were limited in terms of operational use, rapid deployment and geographic coverage.

VHR satellite imagery can be acquired over any area of the world, in a short time frame, at a given price and thus can be made readily available.

Quick delivery of data, reliable interpretation, short revisit time, integration of multiple data -sources are all main requirements for the parties involved in disaster management operations.

The presentation will focus on Eurimage experience in delivering satellite imagery and operational support in a disaster management emergency context, like the 2004 Tsunami over South East Asia and 2005 Pakistan Earthquake.