

**Session 3A: Dr. Masahiko Nagai**

**Presentation entitled: Disaster Management Activity in the Asia-Pacific Region by Sentinel Asia**

**Biographic Data of Speaker**



Masahiko Nagai  
Geoinformatics Center, Asian Institute of Technology,  
km 42, Paholyothin Highway, P.O. Box 4, Klong Luang  
Pathumthani 12120, THAILAND

Tel: + 66-2-524-5599  
E-mail: [nagaim@ait.ac.th](mailto:nagaim@ait.ac.th)

---

Dr. Masahiko Nagai is senior scientist of Satellite Application and Promotion Center (SAPC) of Japan Aerospace Exploration Agency (JAXA) as well as Associate Director of Geoinformatics Center (GIC), Asian Institute of Technology (AIT). He received the Doctoral Degree of Engineering from The University of Tokyo, Japan. He is in charge of Data Analysis Node of Sentinel Asia and International Disaster Charter which support disaster management activity by international collaboration. His current research focuses on the development of ontological information as an interoperability arrangement for remote sensing and GIS, as well as the construction of 3-D modeling by integrating multiple sensors.

## **DISASTER MANAGEMENT ACTIVITY IN THE ASIA-PACIFIC REGION BY SENTINEL ASIA**

Sentinel Asia aims to promote international cooperation to monitor natural disasters by providing earth observation satellites data. At the same time, the provided satellite data are analyzed by Data Analysis Node (DAN) of Sentinel Asia. DAN is operated by various agencies, international organizations, and universities of the Asia-Pacific region to analyze satellite data and make value added products. Those products are disclosed to local users through the Sentinel Asia System within limited time. In addition, DAN is functioning for not only Sentinel Asia but also International Disaster Charter in case of massive disaster.