

STEREO II

RIMS

Reliable Image Management Systems in support of Urban Services and Disaster Management

March 17 2008

VITO, Department TAP - Room Jupiter

Unmanned Aerial Vehicles (UAV) are a valuable missing link to the traditional platforms used in Remote Sensing, i.e. manned aircraft and satellites. UAV platforms allow for rapid deployment and near real-time product delivery. These qualities are basic requirements in many disaster management applications but can also be exploited in surveying and photogrammetric urban mapping projects.

The RIMS project partners (UGent, VITO, IncGEO) are in the process of prototyping end-to-end low budget UAV imaging systems. Within these prototyping activities, the RIMS-project focuses on the generic image processing workflow for UAV or manned missions where aerial imagery is collected and where automated processing is essential to quickly respond to the user's need for information.

With this workshop, the RIMS project partners want to present the current status of the prototyping process by live demonstrations and discuss the results with potential users.

Programme

13h00 Registration & coffee

13h30 Welcome and introduction

Welcome, Direction VITO

Joost Van den Abeele, STEREOII-programme coordinator

Sidharta Gautama, RIMS project coordinator

13h45 The PEGASUS-project

Jurgen Everaerts, VITO

14h05 Developing tools for innovative geo-information

Ivan Peeters, IncGEO

14h20 Remote Sensing for Disaster Management

Nicolas Lewyckyj, VITO

14h40 Reliable Image Management Systems

Koen Douterloigne, Universiteit Gent

15h10 Design and applications of Micro Unmanned Aerial Vehicles

Peter Cosyn, Gatewing UAS, Universiteit Gent

15h30 Demonstration Mercator-Low video streams and

live demonstration of Micro UAV with RIMS-processing

16h00 Discussion followed by closing reception





Registration

Participation is free of charge, but participants should register before March 12 by sending an email to Annette Nevejans: an@telin.ugent.be

Venue

VITO
Department TAP
Room Jupiter
Boeretang 200
BE-2400 MOL

