

SMEDG PRESENTATION FOR 19TH APRIL

Proposed title: Satellite Imagery – A Tool for Mineral Exploration

Topics to discuss:

- Introduction to satellite imagery: delivered by Keiko
 - Resolutions – Spatial, Spectral, Temporal & Radiometric
 - Which satellite is best for me? View examples of the different satellites
 - What if my area has no archive imagery? Which satellites can be programmed for new capture?
 - What if my area of interest is constantly covered by cloud? – a brief intro to radar data

- Image Processing: delivered by Sylvia
 - From Raw data to end product
 - Orthorectification
 - How to collect or supply GCP's
 - DEM's
 - Accuracy of Data
 - Software used to process data

- Case Study: The use of ALOS Imagery in Mineral Exploration, Pakistan. Either KH or SM to deliver

- Question time: to be fielded by Sylvia

BIOS:

- Sylvia Michael – Director

Sylvia is a founding Director of GEOIMAGE & has degrees in Geology & Mathematics. She has worked in the remote sensing & image processing field since 1980 and has extensive experience in airborne geophysical data & satellite imagery processing, client liaison & sales.

- Keiko Hamam – Business Development Consultant

Keiko was a founding staff member of SPOT Imaging Services in Sydney which first introduced the SPOT satellites to Australia. Having been away from the industry for a few years, she has recently returned and opened GEOIMAGE's Sydney Office.