



Workshop 1: Users from Industries

Session C: Medical & Crisis Management

Overall User Needs

- Reliable and accurate information about spread of diseases & bio-threats
- Need for telehealth monitoring in remote areas
- Coordination and supply of critical information during emergency scenarios
- Natural disaster forecasting and management
- Support search & Rescue Operations

Specific User Needs

- Accurately and quickly receive information from the field (during floods, chemical hazards, train collision, etc.)
- Quickly send results from remote regions to crisis centres
- Distribute information to people working in the field
- Access to relevant remote expertise (telehealth)
- Tracking of elderly people with dementia (geo-fencing)

Relevant Space Capabilities

- Satellite communication for data transmission and contact with personnel on the field
- Satellite navigation for geo-referencing samples and tracking staff and assets
- Earth observation for prediction of weather influencing spread of diseases, ground instability profiling and visualizing disaster areas