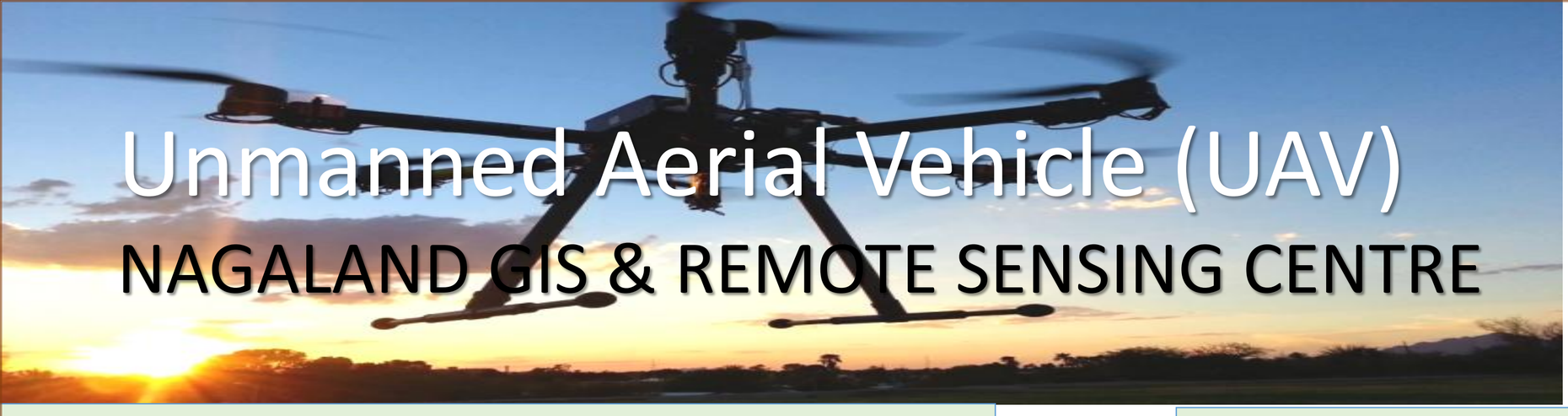
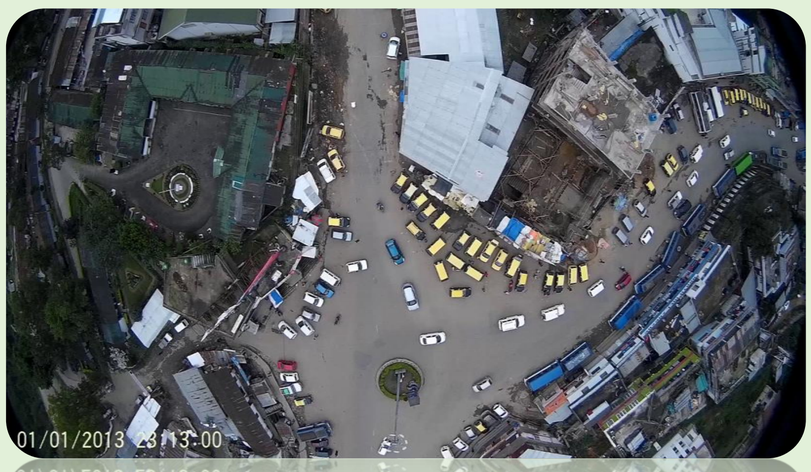


Unmanned Aerial Vehicle (UAV)

NAGALAND GIS & REMOTE SENSING CENTRE

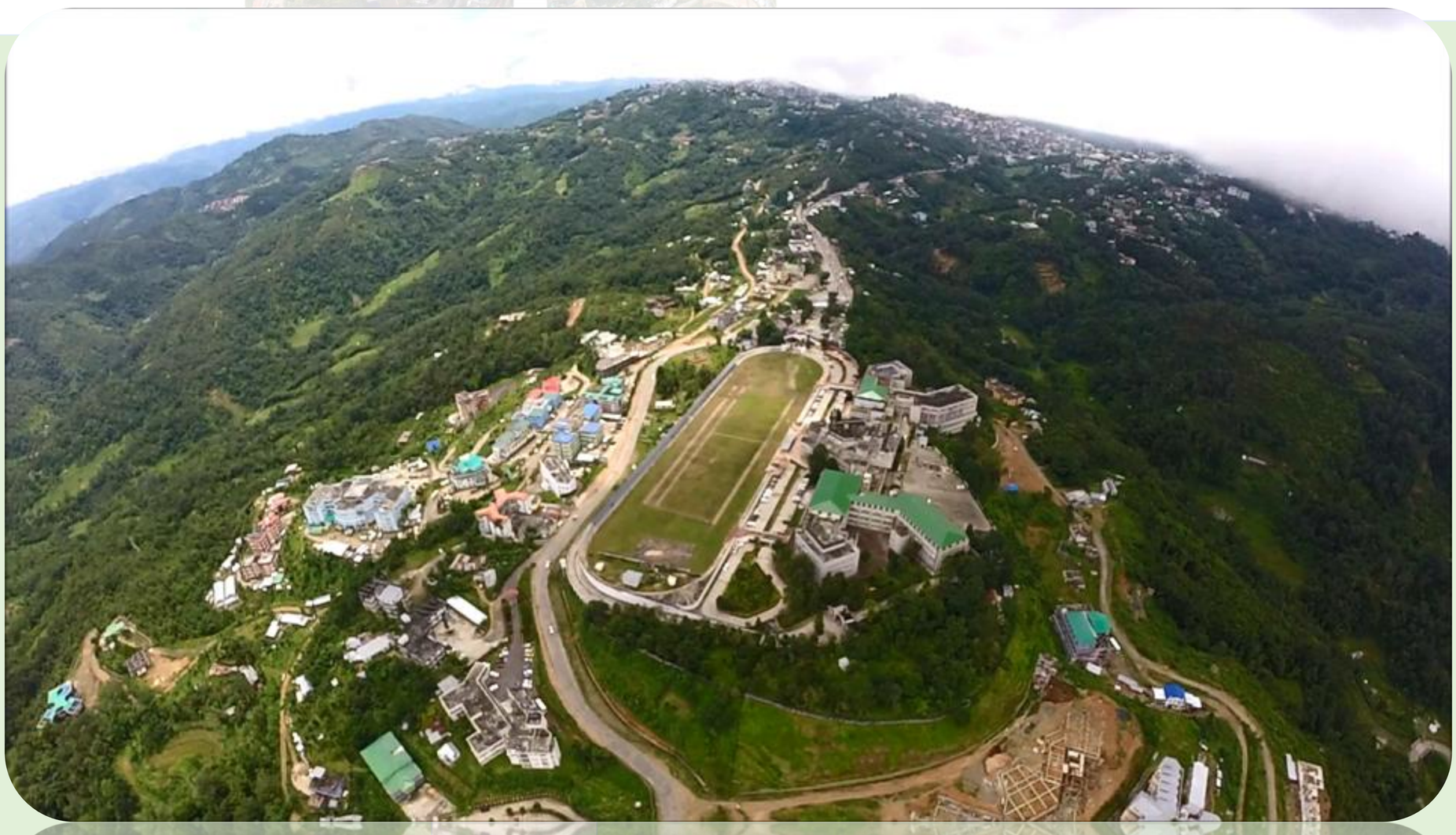
NGISRSC

Nagaland GIS & Remote Sensing Centre presents a State-of-the Art Unmanned Aerial Vehicle (UAV) to develop innovation in the field of remote sensing science by providing a platform for dedicated and high-quality experiments; to support high quality image acquisition services and to promote the use of UAV in a broad range of application fields like natural resources monitoring, security, land use and systematic planning purpose.



Uses of UAV

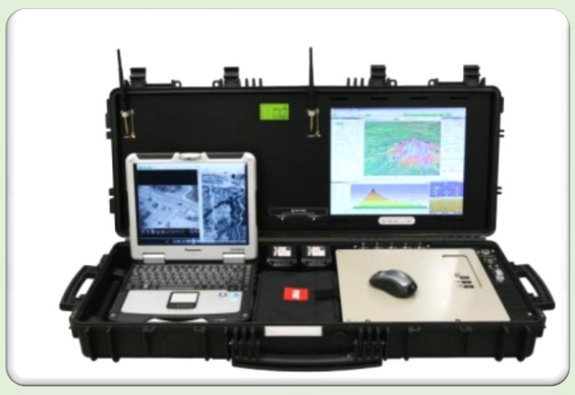
- Communications
- Law Enforcement, surveillance, traffic monitoring,
- Search and rescue operations
- Security- Surveillance, crowd monitoring and control.
- Disaster Preparedness & Management
- Forest Fire Surveillance
- Town/Urban planning
- Environmental Management, Enforcement & Monitoring
- Agricultural Resource Surveillance & Management
- Natural Resource Surveillance & Management
- Scientific Research

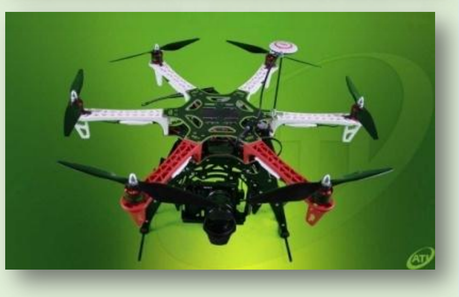


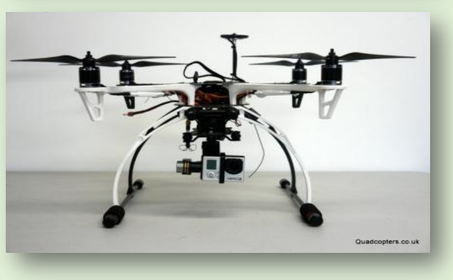
OUR FLEET

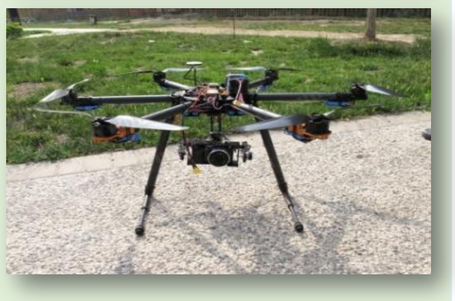
1) Long Range UAV (2.5kg-4.5kg)
2) 550 Hexacopter (1.2kg-2.7kg)
3) 750 Hexacopter (2.8kg-4.7kg)
4) 450 Quadcopter (800g-1.6kg)

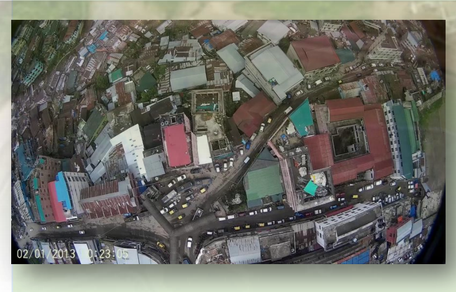
Groundstation with tracking and live view; Multirotors have Range of 1-2km; UAV have range of 20km+

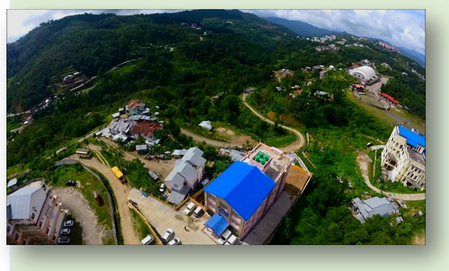


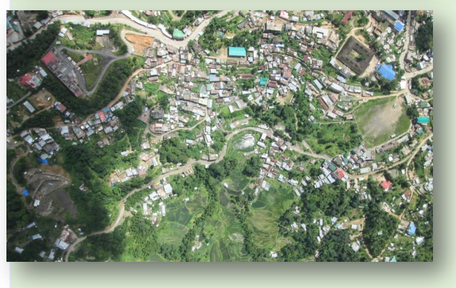


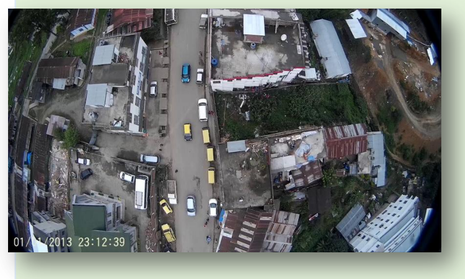












NAGALAND GIS & REMOTE SENSING CENTRE has started leveraging the many benefits of UAV technology in areas where traditional survey techniques fall short owing to its forest cover and difficult terrain. The usage of this technology will improve the mapping process that will enable several applications for land and resource planning, development and management.

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