

**Agenda Item No. 05: Space Technology for Sustainable Socio-economic  
Development**

**Mr. Chairman and distinguished delegates**

Thank you for the opportunity to make a statement to this important agenda item pertaining to space technology for sustainable socioeconomic development.

**Mr. Chairman**

The developing countries specially situated in Asia Pacific region are facing a number of common socioeconomic challenges, in which water resource management, food security, clean energy generation, education facilities, health care, environment monitoring, deforestation, urbanization & land use planning and natural hazards are the most prominent. However, with the integration of space technology & applications combined with education & awareness programs, strategies can be devised to resolve these issues in an efficient manner.

**Mr. Chairman**

The scope of utilization of space technology and applications for achieving socio-economic benefits is unlimited. SUPARCO is applying continuous efforts to increase the indigenous capabilities in space technology and its applications to assist in socioeconomic development of the country. Several projects have been undertaken as mentioned below: -

- (a) Environmental Monitoring Services to Pakistan Atomic Energy Commission for K-2, K-3 Power Project Projects
- (b) Remote Sensing Solution for Forest Change Detection in Khyber Pakhtunkhwa Province
- (c) Strengthening of Database (ABAD Project) with GJS & RS techniques and GNSS Surveying

- (d) Multi Hazard Vulnerability Risk Assessment for Sindh Province Resilience Project (PDMA Sindh Component)
- (e) Land cover and Crop Exposure Analysis to flood & drought hazards under MHVRA Project
- (f) Extension of Dengue Information Management and Analysis System (DIMAS) in Hyderabad and Mirpurkhas Divisions Sindh Province

**Mr. Chairman**

SUPARCO is also contributing to drought studies using APSCO platform to support food security policies. Remote sensing satellites have been effectively utilized to combat the national energy crisis, to develop the regional and sub-regional infrastructure, for the planning and management of water resources, for monitoring of crops status and for the forecasting and management of natural disasters. Moreover, communication satellite applications have been exploited to broadcast various informative and awareness programs throughout the region in order to educate people and industries from every walk of life.

**Thank you Mr. Chairman**