Course Correction

Mid course corrections

- Irrigation water supplies and the demand for irrigation need to be balanced
- Water supply management and judicious inter-sectoral water allocation
- Ensured equity in accessing and controlling water from aquifers and public systems.
- Farmers should maximize production from available land and water resources
- Affordable water resource development technologies
- Develop conventional water saving technologies

Sustainable Agriculture growth key to food security

- Agriculture sector is the main source of livelihood
- Largest growth in projected population is expected in agriculture economies
- Increase in income for poor farmers and access to food

Technical support

- Data and knowledge for impact and vulnerability assessment and adaptation
- Sustainable and climate-smart management of land, water and biodiversity
- Technologies, practices and processes for adaptation

Concerns, scale & frequency of information *monitoring devices*

Seed good variety, high yield, *laboratory*

Plant growth parameters – fertile soil, water availability, sun shine, pest control

1:100; daily, Plant growth; supplementation & pest control, *CCTV, sensors*

Plot micro level variation in depressions, soil quality, water holding capacity

1: 1000, preferable daily, soil, water & plant supplements,

sensors, cameras, sensors, UAV

Village agriculture supporting resources – storage & distribution structures, rainfall, drought, ground water, farm related – 1:10,000, weekly,

augmentation of water sources*; low altitude areal coverage*

Area management- weather, natural disaster, communication, preparedness and

1:25,000, preferable weekly, advisory, management issues*, satellite, airborne*

Crop yield and production require information/support on levels and integration of geo-referenced information is essential.