**Draft Summary from CAgM**

WIGOS Framework is expected to provide an overarching platform not only for enhancingexisting observing systems, but also for triggering the establishment of a national/global coordinating mechanism as a new governance structure through joint collaborations among institutions/entities (NCAM/KMA, GENRI/GMU).

These are associated with domestic agrometeorological observations/services within the Member countries, by facilitating national integration of agrometeorological observation networks (NASNET, AGMP & KMA) over institutions through joint operation/maintenance/governance activities.

There has been some progress made in establishing new communications with diverse external partner/sponsor institutions, but merely limited to case by case discussions/collaborations. In order to facilitate closer cooperation/collaboration with international entities (GTOS, GLAM, ISB, etc.), CAgM is considering adding an Observation Theme to its structure.

CAgM also noted that WIGOS will be able to provide valuable outputs to user community via its own WIR, on which CAgM can develop new services that requires near-/real time nowcasting for agrometeorological weather risks/hazards such as frost/hail/torrential/gusts/storms etc.

In order to successfully implement the above important issues from WIGOS Framework, CAgM is considering restructuring its Management Group with more flexibility in mobilizing human and financial resources and will nominate a high level member as coordinator for WIGOS implementation within CAgM, hopefully the Vice President of CAgM.

**ACRONYMS**

**AGMP** : AgroMeteorology Program of WMO

**GLAM** : Global Agricultural Monitoring Network of GEOSS

**ISB** : International Society of BioMeteorology

**NASNET** : National AgroMeteorological Station Network

**Draft Recommendation from CAgM**

1. CAgM suggested that WMO should consider identifying how to encourage both the Members to establish domestic governance for WIGOS framework through joint efforts among entities involved and ICG-WIGOS to develop mechanism for better collaborations with external international entities for WIP.
2. CAgM requested that WMO should place additional efforts to strengthen existing observation systems and to incorporate newly emerging observation elements/requirements like soil moisture, particularly to enhance supporting services for better climate change monitoring,, inter alia, phenology, GHG fluxes.
3. CAgM suggested that it should be considered establishing or supplement ing another level of an station at the national level over the current three categories of agrometeorological stations – Principal, Ordinary, and Extraordinary stations described in CAgM guide, accommodating new agrometeorological elements, including soil moisture, phenology and GHG flux together with important ground truth information for RS applications.
4. CAgM reported that it embarked several global initiatives to cultivate the next generation agrometeorological experts through Global Center of Excellence in Research and Education in AgroMeteorology (GCREAM) including graduate programmes. It would be coordinated under the framework of GENRI through TIGERS as a governing hub for all global initiatives such as GFAMS, GAMPP, GAPON including WAMIS II, primarily targeting on GFCS implementations, in which WIGOS will be a core part of Observation Pillar of GFCS.

**ACRONYMS**

**GENRI** : Global Environment and Natural Resource Institute

**GCREAM** : Global Center of Research, Excellency in Education in AgroMeteorology (Virtual Institutue)

**GFAMS** : Global Federation of AgroMeteorological Societies

**GAMPP** : Global AgroMeteorological Pilot Project

**GAPON** : Global Alliance for Phenology Observation Network

**TIGERS** : Trans-disciplinary Implementation Governance for Environment and Resource Sustainability.