• KARI and NASA enable enhanced coordination and collaboration between Korea and NASA scientists interested in:
  ➢ Satellites and instruments of mutual benefit for innovative observations of the global integrated Earth system, including:
    ✡ o calibration and validation activities, including ground and airborne
    ✡ o data policy for open, free exchange of measurements with maximum information at minimal cost and minimal time delay for science community
    ✡ o geostationary satellite
    o low-Earth-orbit satellite
  ➢ Comparative studies of regional climate impacts, including:
    o remote sensing observations
    o interdisciplinary modeling
    o terrestrial carbon cycle

• Recommended Action
  ➢ Establish joint KARI-NASA working group (WG) for each subject
    o each WG would develop a 3-year plan for coordination and collaboration
    o each WG would have a KARI and NASA co-chair
    o NASA offers to host inaugural meeting of each WG in United States
Next Steps: Charge to this group

• Under the auspices of the MEST-NASA Bilateral for Cooperation in Civil Space and Aeronautics Activities, the Earth Science leads propose to establish Technical Groups
  ▪ Atmospheric Composition Measurements From Geostationary Satellites
  ▪ Ocean Color Radiometry Measurements From Geostationary Satellites
  ▪ Other groups may be defined (e.g., regional climate impacts)

• Each technical group will identify mutually beneficial objectives that could be achieved over the next 3 years

• The scope will include science, instrumentation, algorithms, calibration/validation, options for launch, societal benefit analysis, and data policies

• Provide recommendations to the Earth Science co-chairs of the MEST-NASA Bilateral agreement for consideration of implementation
Meeting Agenda

Atmospheric Composition Measurements From Geostationary Satellites
Washington, DC 13 Aug 2009

8:30-9:00  Check-in, badging
9:00-9:30  Welcome and introductions
9:30-10:15 MP-GEO and GEO-CAPE mission overviews
10:15-10:45 Break
10:45-12:00 Instrumentation and retrieval capabilities
12:00-1:30  Lunch
1:30-2:15  Data systems, policies, and calibration/validation
2:15-3:00  Social benefit and applied science overviews
3:00-3:30  Break
3:30-4:30  Round-table: Identify collaborative areas and near-term priorities
4:30-4:45  Summary and next steps
4:45       Meeting adjourn

Evening Drinks/Dinner (TBD)