

IAA Study Group Status Report - SG 4.11

Responsible Commission:

4 Space Systems Operations & Utilization

Study Number and Title:

Study Group 4.11 on Coordination and Cooperation Program for Global Environmental Impact

Short Study Description (repeat from Study Group Proposal):

The objectives of the cooperation program are:

- 1) Identify prioritization of needs for global environment monitoring and opportunities to serve the human using space technology;
- 2) Develop methodology of integrated observation on global environment monitoring considering international sciences questions, including acquisition of scientific evidence, data integration and so on;
- 3) Review key technologies for monitoring global and regional environment changes and provide recommendation for space applications;
- 4) Deploy fundamental and strategic scientific activities about countermeasures and policies on international cooperation and relative laws and regulations.

Progress in past six months:

From 2010 to 2011 the study group formally launched two IAA Workshops on Coordination and Cooperation for Global Environmental Impact, from 29-30 May 2010 and from 2-3 September 2011 in Beijing, China. The two workshops focused on the issues listed as followings:

- 1) Review the status of the field to access the recent progress in resolving major scientific questions about global environmental monitoring outlined in previous studies; Review the existing and desired application capabilities via space-based earth observations, and analyze the needs for remote sensing information and key technologies;
- 2) Considering the users' demands in different levels, identify opportunities for and challenges to the exploitation of earth observation data from space;
- 3) Recommend measurement means and data application solutions for environmental monitoring; Identify potential new space-based capabilities and supporting activities;
- 4) Identify the important and possible directions for future global environmental observation.

On 30th September, 2012, Prof Gu xingfa, co-chair of the study group made a summary report on the plenary meeting of IAA in Italy. The final report of study group was submitted to the commission and evaluated and discussed at the commission meeting. Till now, the tasks of study group had been accomplished successfully.

On 7th November, 2012, Dr. Zhou Xiang presented the progress of IAA study 4.11 on IGF held in Baku, Azerbaijan in a session report. The report attracted interest of forum participants.

Website Study Information up to date? (Study Group Membership, Study Plan and Schedule):
N/A

Issues requiring resolution? (recommend approach):
No

Product Deliveries on Schedule? (If modified explain rationale):
Deliveries on submitted to Commission Meeting.

Study Team Member Changes? (List any Study Team Members that you wish to discontinue, and provide names plus contact coordinates of any Members you wish to add on the second page of this Study Update form.) Note: Complete contact information including email, tel. and fax must be provided for all additions. Only Members with complete contact information will be listed and receive formal appointment letters from the IAA Secretariat.)
No Changes.

Name of person providing Study Group Status (Study Group Chair or Co-Chair):
Gu Xingfa

Status Report Date:
2013/08/20

Study Team Membership Changes

Effectivity Date:

Discontinue:

Add: