

IAA Study Group Status Report

Responsible Commission: #4

Study Number and Title: Study Group 4.19

Title of Study: Promoting Global Space Knowledge and Expertise in Developing Countries

Short Study Description (repeat from Study Group Proposal):

The International Academy of Astronautics has a 50 year-long standing activity in electing the best experts on space activities, in selecting the best reviewers for the Academy publications, so that a pool of talent is clearly identified.

In the coming years, closer and more intense cooperation is expected between countries with established space capabilities and those gaining experience in space utilization. More and more of these experts are now retiring, but knowledge lessons learned and their best practices gained from their expertise and involvement should be utilized for space activities in the interest of emerging space countries. It would be very useful to examine how such expertise could be globally available on request.

The International Academy of Astronautics could undertake a database of experts in the world, open a web portal for allocation of experts for a given country and handle the technical support with a financial support for travel.

The International Academy of Astronautics would partnership with UN COPUOS and UN OOSA for this program.

Progress in past six months:

We have some progress in our Study Group 4.19.

Firstly, study group chair was replaced from Dr. Mazlan Othman to Dr. Yasushi Horikawa. We have some increase of our members, also.

We have exchanged the views on our study approach through E-mail among our members.

Ms. Jeanne Holm touched on our objectives at a series of conference and training sessions of Africa Open Data Conference held in Tanzania, Uganda, Sierra Leone, and Kenya. Our activities were opened to the developing countries in Africa to support their participation to the use of outer space.

Mr. Meshack Kinyua Ndiritu of the African Union Commission is preparing to have audit of the existing infrastructural and human technical capacities with regard to space related activities such as the Earth observation, satellite communication navigation and positioning and space science and astronomy including engineering capabilities in Africa. He indicated that this will provide important reference to our study group objectives.

We will continue our work to establish data base on (1) current capabilities of space agencies, universities, and research center in developing countries, (2) potential; benefit area of space research and utilization in developing countries, and (3) space experts list around the world who are able to support developing countries or universities as the new comers to space activities.

And then these will be uploaded to the website linked to IAA and UNOOSA website.

These discussion has been exchanged during last six month.

Website Study Information update: (please give any update regarding Study Group Membership, documents, Study Plan and Schedule):

Membership

Horikawa Yasushi (Chair)

Othman Mazlan

Andruske Linda L.

Gutierrez Jordi L.

Holm Jeanne

Kinyua Meshack

Zhou Zhicheng

Coradini Marcello

Roberta Mugellesi

Study plan and schedule

Survey for above mentioned database for another year

Establish web site to announce our initiatives and call for supports

Issues requiring resolution? (recommend approach):

More intimate communications among study group members are necessary.

IAA and UNOOSA support for our activities.

Product Deliveries on Schedule? (If modified explain rationale):

We will collect database information for another two years, maybe and conclude this initial step of our work. And then this will be transferred to operational phase.

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.)

Ms. Linda Andruske cannot be reached by current her E-mail address

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

Yasushi Horikawa (Chair)

Status Report Date: August 19, 2016