

# IAA Study Group Status Report

STUDY GROUP 5.11

**Responsible Commission:**  
Commission V

**Study Number and Title:**

Comparative Assessment of Regional Cooperation in Space:  
Policies, Governance and Legal Tools

## SG Leaders

Chair: Arévalo-Yepes, Ciro  
Co-Chair: Back-Impallomeni, Elisabeth  
Co-Chair: Sridhara Murthi Kuppam R.  
Secretary: Ospina, Sylvia

**Status Report Date: March 3 /2014**

## Short Study Description:

### Overall Goal:

Make a comparative assessment of existing or emerging schemes for regional cooperation in space. Three key domains are considered: political aspects (balance between common objectives, regional integration, and sovereignty, national pride, ...), economical aspects (level of funding, contribution mechanisms, "return rules", ...), and legal regimes (e.g. ESA Convention, EU "space competence", ...).

These various points will be reviewed, both in operational cases (e.g. Europe), and in emerging cases (e.g. Africa, Latin America).. The question of inter-regional cooperation will be also analyzed.

The study will issue recommendations for regional space cooperation schemes, which are favoring further global cooperation.

## Organization of Study Group 5.11

The S.G. 5.11 comprises contributors from four major regions of the world, Africa, the Americas, Europe and Asia, and is focusing on various aspects of regional cooperation (north-south, east-west). Abstracts of contributions were due by end June 2013; first draft of contribution by end October 2013, but this deadline was extended until end February 2014.

Some authors stated their interest in writing the first chapter (definitions, scope of project), while others have volunteered to write the concluding chapter. Some participants are writing on specific programmes, such as European Union-ESA cooperation; the Space Conferences of the

Americas (CEA); the Treaty of Lisbon, etc., and other contributors have focused on specific sub-regions within the larger region about which they are writing.

**Background:**

In March 2013, The Chairs divided the study into four (4) main chapters, with the possibility of having sub-chapters within them. The four main chapters are:

Chapter I: Definition / delimitation / conformation of the .....region. Geographical scope of the study for each region. Main historical, cultural, political factors involved, (thematic maps). Evolution of regional cooperation and critical factors for each region environment.

Chapter II: Assessment of findings of previous and current studies. Assessment on regional cooperation' studies, particularly in the area of space policies by region and sector including those elaborated by the IAA: socio-economic aspects; legal/policy issues; sustainable development.

Chapter III: Present status of the regional cooperation: How regional cooperation is organized and conducted and how political decision makers and general public perceive it. This can be reflected under the following themes for each region: main regional actors, institutional regional mechanisms, programs - relevant joint projects, institutions, benefits, capacity building legal aspects. (Status of international agreements relating to activities in outer space).

Chapter IV: Conclusions: comparative assessment by region and recommendations: Overall findings, main characteristics, political, economic, technological and legal barriers and recommendations to improve space applications and areas for future studies.

To date, most of the contributions fall within the scope of Chapter III. Chapter IV, Conclusions, will be the last to be written, based on contributions to previous chapters.

**Procedures:**

Contributors were requested to write between 5000-6000 words, including footnotes, (between 10 and 12 pages) and were informed that their contribution had to be in English. Several of the contributions received will require some editing, as English is not the author's first language. Typographical and grammatical errors will be corrected, to ensure that the document is coherent and easily legible. Most of the editing work will be undertaken by Sylvia Ospina, Secretary of S.G. 5.11., and the authors will be given ample time to either accept or reject the suggested changes.

Study Group 5.11 aims to have a first draft of all the contributions by mid-April 2014, and a final draft compiled by TBD.

**Participants / Contributors:**

Several persons who originally planned to participate in this Study Group have had to withdraw due to their commitments elsewhere. In a couple of instances, the Chairs decided that their specialty did not fall within the scope of S.G. 5.11., and thus they were not accepted. Therefore, the IAA list may not be exactly the same as the one that follows.

The list of current S.G.5.11 participants / contributors is arranged in alphabetical order, (last name first) and by region:

<b>REGION</b>	<b>TOPIC</b>
<b>EUROPE</b>	
Back-Impallomeni, Elisabeth /Zannoni, D.	Ch. 1- Definitions
Bernede, Noemie	Galileo as example of European cooperation
Faramiñan, Juan Manuel	Spain-ESA Relations; Hispasat & South America
Giannopapa, Christina	African-European Partnerships & space applications. Europe's flagship programmes & national space policies
Marchisio, Sergio	The European model for regional cooperation in space activities: between achievements and future realignment
Negoda, Sergiy	Space Policy in the Former USSR
Passoni, Vanessa	NEREUS - Europe
Von der Dunk, Frans	ESA-EU Relations
Zannoni, Diego / Back-Impallomeni	European Cooperation with Other Regions
<b>NORTH AMERICA</b>	
Camacho, Sergio	CRETEALC & the Region
Gabrynowicz	Chapter 4- Conclusions
Hertzfeld, Henry	Chapter 4- Conclusions
Jakhu, Ram	Canadian Space Policies & Regional Cooperation in Latin America
Ramírez de Arrellano, Rosa María	International Cooperation: Mechanisms for the Integration of the Latin America and the Caribbean Countries to the Space Activities.
Romero, Fermín	CEAs
Smith, Marcia / Delgado, Laura	United States Cooperation Policy & Latin America
Williamson, Ray	Earth Observation and the Region
<b>SOUTH AMERICA</b>	
Arévalo, Ciro	History & Evolution of Space Cooperation in Latin America
Bittencourt, Olavo	Toward a Regional Space Agency
Dos Santos, Alvaro	The First Brazilian Geostationary Satellite
Gaggero, Marta	Uruguay-Venezuela Cooperation
Monserat Filho, José /dos Santos, Alvaro	Brazilian Space Program
Ospina, Sylvia	Communication Satellites and Regional Integration
Williams, Maureen	Space Technologies and International Law: The role of the industrialized and developing world

<b>AFRICA</b>	
Brisibe, Tare	Geo-spatial data and Regional Cooperation
Giannopapa, Christina	ESA-Africa cooperation in space programs
Martinez, Peter	Sustainability and security of space activities: An African perspective
Masmoudi, Moustapha	Toward a Space Policy for Mediterranean Basin
<b>ASIA - PACIFIC</b>	
Lele, Ajey (India)	Asia-Pacific- Present Status of Regional cooperation
Li, Juqian (China)	Chinese regional cooperation
Suzuki, Kazuto (Japan)	Ch. 1 and 3

**Name of person providing Study Group Status** **Ciro Arévalo -Yepes, Chair**