

## IAA Study Group Status Report

**Responsible Commission: V (5)**

**Study Number and Title: S.G. 5.11: Comparative Assessment of Regional Cooperation in Space: Policies, Governance and Legal Tools**

**Chair: Ciro Arévalo**

**Co-Chairs: Elisabeth Back-Impallomeni, K. R. Sridhara Murthi**

**Secretary: Sylvia Ospina**

- **Short Study Description:** The study was proposed by Ciro Arévalo and Elisabeth Back-Impallomeni, and would cover the following topics, divided into 4 main chapters :
- Chapter I: Definition / delimitation / conformation of the region: main historical, cultural, political factors involved. Evolution of regional cooperation...
- Chapter II: Assessment of findings of previous and current studies, particularly in the area of space policies, by region.
- Chapter III: Present status of regional cooperation: how it is organized and conducted and how political decision makers and general public perceive it. (Main regional actors; institutional regional mechanisms; relevant joint projects / programs.) Status of international agreements relating to activities in outer space. (Most of the contributions fall within this chapter).
- Chapter IV: Conclusions: comparative assessment by region.

More than 23 contributions were received between January 2014 and January 2015. Once they had been received, it became apparent that most of the contributions fell in “Chapter III”. Therefore, the March 2013 outline was modified, and so in September 2014 and January 2015, the structure/description of the S.G. was amended, emphasizing REGION. The Chair in January 2015 sent out a revised “Work Plan” to the S.G. 5.11 participants, as outlined below:

A. Introduction: Presentation of the study. Definitions and scope: narrowed down by region. Main concepts, geographical delimitations. (Arévalo/Murthy/ Back-Impallomeni/Ospina)

Chapter 1: The Americas: North, (Henry Hertzfeld, Joanne Gabrynowicz (Summaries /Conclusions)

Central and South (Latin) America (Ciro Arevalo, Sylvia Ospina (Summaries /Conclusions)

Chapter 2: Europe: Christina Giannopapa (Summaries /Conclusions)

Chapter 3: Africa: Tare Brisibe (Summaries /Conclusions)

Chapter 4: Asia-Pacific: Sridhara Murthi (Summaries /Conclusions)

Chapter 5: Conclusions: comparative assessment by region and recommendations.

Overall findings.

**Progress in past six months:**

The composition of the group has changed since September 2014, with the addition of Carlos Alvarado (Costa Rica), Carla Sharpe (South Africa) and Olga Stelmakh (Ukraine); the deletion of Sergio Marchisio (Europe) and the demise of Moustapha Masmoudi (Africa). It now comprises only the persons that have sent in their contributions to the Chairs, which contributions have been summarized by the designated person /region.

**Website Study Information update:**

Under the new work plan, devised during a meeting of IAA SG 5.11 in Toronto in September 2014, a “summarizer” and “conclusion” writer was designated for the following contributions, by region:

**Europe:**

*Christina Giannopapa, (ESA) (Summary/ Conclusion)*  
Juan Manuel de Faramiñan (Spain)  
Olga Stelmakh (Ukraine)  
Frans von der Dunk (NL)  
Michael Simpson (US)  
Maureen Williams (UK/ Argentina)

**North America:**

*Henry Hertzfeld and Joanne Gabrynowicz (USA) (Summary/ Conclusion)*  
Ram Jakhu (Canada)  
Marcia Smith & Laura Delgado (USA)

**Latin America:**

*Ciro Arévalo (Colombia) (Summary/ Conclusion)*  
Carlos Alvarado (Costa Rica)  
Olavo Bittencourt (Brazil)  
Sergio Camacho & Fermín Romero: (Mexico)  
Alvaro dos Santos & José Monserrat Filho (Brazil)  
Marta Gaggero (Uruguay)  
Sylvia Ospina (Colombia)

**Africa:**

*Tare Brisibe (Nigeria) (Summary/ Conclusion)*  
Christina Giannopapa (ESA)  
Carla Sharpe (South Africa)

**Asia:**

*Sridhara Murthi (India) (Summary/ Conclusion)*  
Ajey Lele (India)  
Kazuto Suzuki (Japan)  
Dr. Yun Zhao (China)

**Issues requiring resolution?** (recommend approach):

An important issue that needs to be resolved prior to publication is COPYRIGHT. Will the contributors continue holding the copyright to their contribution, and grant permission to the IAA to publish their article? Or will the IAA request that the copyright be held in the name of the IAA?

**Recommended approach:** It is suggested that each author keep or maintain copyright of his/her article or contribution, and that s/he grant permission to the IAA to publish the article.

Another issue is the quality of the printed Study: S.G. 5.11 would prefer that its Study be printed on high quality paper, and that it be available at a reasonable cost to whoever is interested in purchasing a copy.

**Recommended approach** The S.G. 5.11 Chairs will explore funding possibilities, to have this Study printed on higher quality paper than previous Studies published in China.

**Product Deliveries on Schedule?** (If modified explain rationale): Final drafts of contributions are available to the Chairs and Secretary. The summaries /conclusions /per region have been written and completed.

Chapter V is currently being written, based on the summaries/ conclusions drafted by the regional “summarizers”: and would include:

Overall findings, main characteristics, political, economic, technological and legal barriers and recommendations to improve space applications, and areas for future studies.

The editing of the final drafts of the contributions, as well as the writing of the Introduction and Chapter V (Conclusions) will take place in the next few months. Delivery of the printable Study is expected for Summer 2015, and prior to the IAA Meeting during the IAC-Jerusalem (October 2015).

**Study Team Membership Changes**

Effective Date: December 2014

**Added:**

Name: Carlos Alvarado-Briceño

50 mts Este de Pops en Curridabat, Colegio Federado de Ingenieros y de Arquitectos de Costa Rica, 4to piso,  
San José, Costa Rica

**Email:** carlos.alvarado@acae-ca.org

**Telephone:** +506 8892-8850

Name: Carla Sharpe

SKA South Africa

Mailing address: 3rd Floor, The Park, Park Road, Pinelands, Cape Town, South Africa  
7405

Current email address: carla@ska.ac.za

Tel: +27720158199 (mobile)

Name: Olga S. Stelmakh  
24D, Plevaya St., Kyiv, 03056, Ukraine  
Current email address: os@c-n-l.eu  
mob + 38 093 917 60 69

**Discontinued:** Sergio Marchisio (Europe)  
Moustapha Masmoudi (Africa)- deceased.

**Name of person providing Study Group Status** (Study Group Chair or Co-Chair): Ciro Arevalo, Chair.

**Status Report Date:** 15 March 2015