

## IAF COMMITTEE FOR LIAISON WITH INTERNATIONAL ORGANIZATIONS AND DEVELOPING NATIONS (CLIODN)

### Aligning CLIODN activities with the emerging space ecosystem

#### 1. Introduction

The Committee for Liaison with International Organizations and Developing Nations (CLIODN) advises the IAF President and the Bureau on opportunities to foster international cooperation in space programmes, to encourage public interest in astronautics and its application in developing countries and to promote interest in using space science and technology for national development activities in all countries. The Committee acts as liaison with international organizations, governmental and non-governmental, and provides advice to the Federation on relations with these international organizations. The Committee Chair and members work closely with the IAF Secretariat and with the United Nations Office of Outer Space Affairs (UNOOSA) in supporting projects including the UN-IAF Workshop on the “Use of Space Science and Technology for the Benefits of Developing Countries” held in conjunction with the IAC.

#### 2. Latest Developments

Since its inception the Committee has bridged between international organizations and developing nations, particularly with UNOOSA by hosting the UN-IAF Workshop starting from 1991. Thirty years since then, the international setting and space scene has dramatically changed: The world is no longer simply polarized in west-east or north-south relations; and space activities are no longer carried out just by a handful of nations. Instead, an explosive number of new entrants including countries, commercial and other non-government players are joining in space activities.

At the IAC 2021 in Dubai, The Committee renewed its Chair, Vice Chairs and membership for the term 2021-2024, and is initiating plans to adapt to these changes by re-positioning its way to work with developing nations, focusing on its relations through international organizations. CLIODN is also working to align with the activities of the newly formed Administrative Committee on Developing Countries and Emerging Communities (ACDCEC) and its regional groups.

#### 3. Breakthroughs

During the GLEC 2022 conference in Quito a meeting took place between the new Chairs and Vice Chairs of the CLIODN (respectively Masami Onoda, Pieter van Beekhuizen) and ACDCEC (respectively Alejandro Ramon Molinas, Matias Campos) Committees. This meeting was also attended by Val Munsami (previous Chair ACDCEC and Vice President Emerging Countries) and Hazuki Mori (UNOOSA). Main points of discussion were the initiative to update the Terms of Reference of both Committees and to further reflect on aspects of membership, experts and friends. Both Committees agreed to eliminate possible overlapping aspects of the Terms of Reference and to have a joint action focusing on the increased participation of representatives from developing nations / emerging countries.

CLIODN participation to the GLEC22 conference were the following:

- Plenary 5: Co-evolution of the Space Ecosystem (Masami Onoda)
- Plenary 6: Space industry development & support (Pieter van Beekhuizen)
- GNF: The Gender Gap (Masami Onoda)

- GNF: Space technology for Emerging Countries (Pieter van Beekhuizen, Masami Onoda)

During the conference special attention was paid to various programmes in support of developing nations and emerging countries i.e.

- EU Global Action on Space, which program encourages international collaboration using space-based data and services in a broad range of domains. The diverse benefits of the EU flagship programmes (Copernicus, Galileo and EGNOS)
- UNOOSA program: Space for Sustainable Development
- JAXA programs on multilateral space cooperation (e.g. KiboCUBE, APRSAF) and JICA-JAXA co-operation including forest warning system in the tropics (JJ-FAST)

#### 4. Action plan for the year

The action plan for the year will mainly focus on the preparation and initiation of the CLIODN committee in the following main events:

- UN/IAF workshop, 16-17 September 2022 (Paris)
- IAC73 Conference, 18-22 September 2022 (Paris), with a dedicated GNF session on “Space based data and services for Developing Nations”
- GLOC23 – Global Conference on Climate Change 2023, 23-25 May 2023 (Oslo)

In addition, various joint coordination sessions between CLIODN and ACDCEC will be planned for the year, building upon the strengthening of the efforts in support of developing nations and emerging countries, such as initiated during the GLEC2022 conference.

