

Statement of Ecuador

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Distinguished authorities and special guests, good morning to all, receive a fraternal greeting from the Ecuadorian Space Institute and the Aerospace Development Management; both institutions are part of the Ministry of National Defense of Ecuador.

Congratulations to all the organizers for this important event, momentous for Latin America and the Caribbean. Also, a gratitude to the Argentine brothers, for their hospitality.

Congratulations to Argentina for the launch of the SAOCOM satellite in October. The Ecuadorian Space Institute and the Aerospace Development Management are pleased to maintain a close relationship with the National Commission of Space Activities (CONAE).

The three topics that are being dealt with in this forum are fundamental, education and capacity building, spatial collaboration, natural resource management and disaster prevention; however, I will refer to the third issue.

Unfortunately, on April 16, 2016, an earthquake of 7.8 magnitude took place in Ecuador, in which the Ecuadorian Space Institute generated valuable information to be delivered to the competent organisms, as a contribution to the decision-making process, this was possible due to the experience gained in the use of remote sensing and geographic information systems, the technical and technological capacity installed, and human talent, but mainly thanks to friendly countries that supported us and allowed access to satellite information, without which it would not be possible to carry out the work.

At the moment we are developing the Building Physical Aptitude Project at scale 1: 5000; whose aim is to: define the physical aptitude of the territory for urban development through multipurpose geo-spatial information for decision making.

The specific objectives of this project are:

- Generate geo-spatial information.
- Modeling variables to determine Constructive Physical Aptitude, use conflicts and host capacity.
- Transfer knowledge and socialize the project.

The benefits:

- Zoning the housing plans of social interest (home plan for all).
- Provide basic information for the design of development plans and land use and management plans.
- Through this information, contribute to the construction of strategies and measures of prevention and reduction of risks.

Natural disasters have interfered and will continue interfering in the sustainable progress of our countries, we consider it necessary to continue developing studies that support the knowledge of this type of events and therefore it is also fundamental to maintain institutions in charge of spatial development where this technology is used for the development and progress of our peoples, and we must promote the relationship between our institutions.