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International cooperation in using space for sustainable development: Towards a “Space2030” agenda (1)

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COMPREHENSIVE CAPACITY BUILDING DERIVED FROM INTERNATIONAL COOPERATION
ON REMOTE SENSING: CASE STUDY

Abstract

Developing countries participate, not limited to, in space development but in overall socio-economic part. In this article, a case study shows how international cooperation on remote sensing initiates comprehensive domestic capacity building: domestic education and human resource needs from preschool education to high education, domestic situation awareness on natural resources, food resources and renewable energy resources. Furthermore, this shows an interesting aspect of social development which can be derived from space application; introduction of remote sensing in various fields promoted interest on space development and application leads to the birth of domestic space industry, spin-offed to data processing, which makes a leap to ICT new waves.