

Space Foundation Luncheon "Space Applications for Developing Countries"

U.S. Congress 18 November 2009 11.30-14.00

Panel on "Capacity Building"

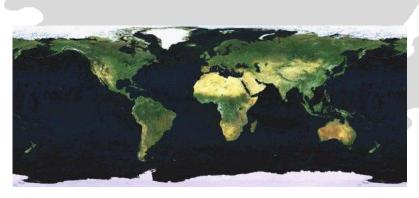
Kai-Uwe Schrogl Director, ESPI

Mission Statement

The mission of the European Space Policy Institute (ESPI) is to provide decision-makers with an independent view and analysis on mid- to long-term issues relevant to the use of space.

Through its activities, ESPI contributes to facilitate the decision-making process, increases awareness of space technologies and applications with the user communities, opinion leaders and the public at large, and supports students and researchers in their space-related work.

To fulfil these objectives, the Institute supports a network of experts and centres of excellence working with ESPI in-house analysts.



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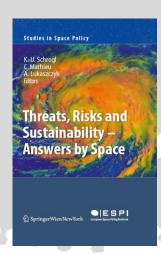


Space Applications for Developing Countries – Capacity Building for what purpose?

Various aims of capacity building – various approaches for rationales -> a lot of waste through disorientation

One systemic aim as rationale: managing "sustainability" through space applications comprising the areas

- knowledge
- mobility
- security
- environment
- resources
- energy



ESPI: Threats, Risks and Sustainability – Answers by Space.
SpringerWienNewYork 2009



Recommendations

- Need for the organization of the utilization of satellites by systematically identifying and working with users
- Defining operational services
- Defining the needs for data
- Organizing own assets and the use of other assets accordingly
- Use space applications in the six fields of "sustainability" separately as well as synergetically
- -> Current leading EO satellite operators should make data for sustainability more easily or even freely available as a "universal service"



Also capacity building for governance and regulations

- How to set up a space policy?
- How to construct an institutional framework for the execution of a space policy / a space applications program?
- How to set up a regulatory framework for national space activities (licensing mechanisms, protection of intellectual property etc.) and be a constructive part of the international context?
- Goal: avoiding "flags of convenience" ("Liberian tankers in space")

