

Space Foundation
Luncheon
**“Space Applications for Developing Countries”
Panel on “Capacity Building”**

U.S. Congress
18 November 2009
11.30-14.00

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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?
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- Goal: avoiding „flags of convenience“ („Liberian tankers in space“)

