

SYMPOSIUMS (S)

Solutions for barriers to access to application services, requirements for capacity building and knowledge management (1) (7A)

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OBSERVATION AND EDUCATION FOR WORLD HERITAGE – A CONCEPT FOR SUSTAINABLE
EDUCATION AND CAPACITY BUILDING BASED ON MODERN GEO-TECHNOLOGIES

Abstract

The convention for the protection of world cultural and natural heritage (1972) – The World Heritage Convention – has achieved significant international recognition in the last years. Compliance with the specific requirements and recommendations for site management increasingly needs support from research. For their regular reporting site managers need tools supporting sustainable development, early identification of potential risks as well as world heritage related capacity building and education.

Geography can help address the central challenges of protection, conservation, sustainable education and capacity building of world heritage sites. For instance, the use of modern remote sensing methods and geographic information systems together with mobile consumer tools like smart phones and tablets offers manifold potentials for sustainable education and capacity building for world heritage sites.

This support will be made available both nationally and internationally to site managers in the form of continuing education seminars and to the general public via web-based applications. These applications will also include training modules covering topics such as introduction to modern digital geo-technologies or geo-ecology.

Moreover, analyzing world heritage sites based on modern digital geo technologies requires the development of standards in order to enable the comparison of different sites. A common classification procedure for world heritage sites serves as substantial basis for plans to improve public relations and visualization, sustainable education and capacity building.

The planned project aims to improve the access of site managers and the general public to monitoring, sustainable education and world heritage capacity building based on digital geo- technologies.