



GEOLOCATED LEARNING ENVIRONMENTS AND CAPACITY BUILDING FOR TAILORED SUPPORT IN THE CONTEXT OF AN OPEN WEB INDEX

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Learning Environments & Capacity Building

Capacity Building

- Building of local capacities in form of technical, organizational, advocacy skills on individual and community levels (United Nations, 2006) to guarantee active involvement in decision making processes
- includes the use of a local- and target group specific learning environment that can strongly be supported by the use of an OWI

Learning Environment

extension of the usual term task, essentially a work situation as a whole, which should enable and support active discovery and social learning (Wollring, 2008)

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5 Examples



Point Information





Geolocation for Web Content - SDSL





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Requirements & Constraints of SDSLS: Example



What can educational institutions contribute to an open web index?

Online learning materials and resources like:

- Location-based learning content for environmental phenomena
- Open educational resources for global capacity building
- Educational virtual and augmented reality content to immediately interact with and learn from your local environment



Requirements & Constraints of SDSLS: Example



- What is this?
- How is it caused?
- Where can I find Information despite the fact that I have no clue what it is?

Requirements & Constraints of SDSLS: Example



- Settings for additional options like microservices and profile control

Search field

Activated GPS-based microservice with spatial decision support layer (SDSL)

Search results and validated learning resources

- Manually managed by a scientific group
- Indexed according to relevance. state of the art research/ technology/ development/ etc. and geolocation
- Equipped with a digital signature

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Footer

Conclusions



Contact Details

Thank you very much for your attention!

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