### FP7 framework







# **GEONETCAB Geo Network for Capacity Building**

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## **CONTENTS**

### **Introduction:**

- ➤ GeoNetWork for Capacity Building GeoNetCaB
- > EOPOWER
- > Plans and Outlook





























### **GOALS and OUTPUTS**

- ➤ to create **the conditions** for the improvement and increase of the **GEO/GEOSS** capacity building activities and framework, with special emphasis on developing countries, new EU member states.
- > Capacity building needs in earth observation are identified
- ➤ **A base** of technical expertise for capacity building in earth observation is established **END USERS**
- Quick Win project (Success Story)
  Importance of the Success Stories to affect as "Snow Ball"
- > Effort to coordinate and associate EO activities
- Project joins the private, educational and public institution to share and disseminate EO technologies



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## GEO/GEOSS PR



apacity build

Why?

y building strategy is available! The report provides an overview of trends in capacity development, capacity building in earth observation and an action framework for the remainder of the project. Please have a look at the report.

Also have a look at the GEONetCab workshop chain that is now in full swing. Workshops are organized in all GEONetCab regions, maybe there is an interesting one close to you. You'll find a complete list of the workshops organized by the Group on Earth Observations at www.earthobservations.org.

### **Project Details**

What is Geo?

Project Success stories Regional Case Studies **Quick Win Project** Marketing Toolkit

### RKETING TOOL

vation, promotion activities pat to discuss progress and

REGIONAL CASE STUDIES

the planning of activities for the remainder of the project. The focus will now shift to promotion activities, success stories and development of marketing toolkits.

Marketing toolkits are aimed at decision makers, earth observation professionals and local communities. They aim at aiding these groups with incorporate

formulate a more convincing busine thereof) and deal with the following

### Capacity Building Portal

Presentation Access Portal

International trends and deve





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MARKETING EARTH OBSERVATION PRODUCTS AND SERVICES

PART#1



# Earth Observation for Crop Modeling Toolkit

International trends & developments
How to promote earth observation
applications?
How to get funding?
Capacity building

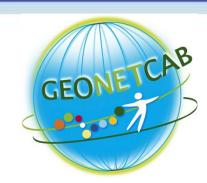


### Format template for project proposals

This format template is a quick guide to writing successful proposals (in general, but observation). It contains the basic elements that all project proposals should have a logical relations between these basic elements. For further details the reader is refe literature that is available on this topic. It is good practice to use these basic elemen regardless of the requirements of a funding provider. You can always find support formulated idea. To write a winning proposal for a particular contest you should, of format, regulations and guidelines provided by that funding provider. The basic eler following:

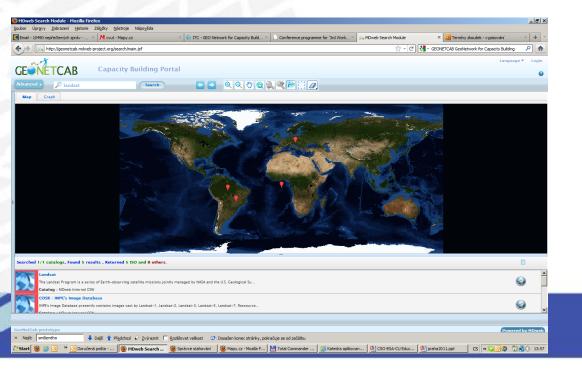


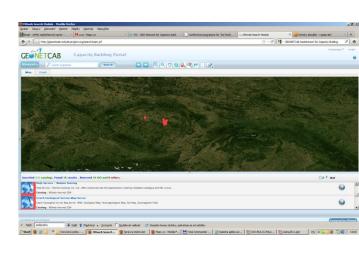
# GEONETCAB GeoNetwork for Capacity Building GEO Capacity Building portal



http://geonetcab.mdweb-project.org/search/main.jsf

Aims to deliver information about Capacity Building resources for the Earth Observation domain.







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#### SUBURBANIZATION AND U

A project called 'Suburban developme Suburbanisation and Urban Sprawl' was carried out the Czech Republic with the aim to assess and tac the negative impacts on the environment.

The research was done by a working group consist of social geographers affiliated with the Chai University in Prague, Faculty of Science, Departmen Social Geography and Regional Development. 7 research was made possible by a granted from Czech Ministry of Environment for the period 200 2011.

Earth observation data, areal photographs, ortopho and QuickBird images were the main data sources evaluate the spatial spread of suburbanization.

The project aims at assessing the current spatial ext and the intensity of the suburbanisation process in Czech municipalities. In addition, an attempt was mi to quantify the predominantly negative consequen of suburbanisation from the point of view sustainable development of society in general and landscape in particular. On the basis of empirical a analytical findings, a system of indicators is proposin order to monitor size, intensity and impact suburban development, also with respect





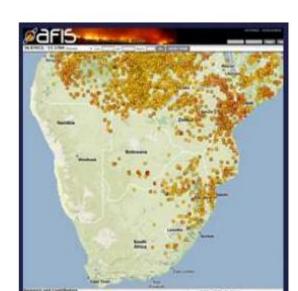
**SUCCESS STORIES** 

ORIES

# SOUTHERN AFRICAN DEVELOPMENT COMMUNITY (SADC) ADVANCED FIRE INFORMATION SYSTEM (AFIS)

Fire is prevalent throughout Southern Africa, with local to regional impacts on land use, productivity, carrying capacity and biodiversity. Bushfires occur every season, destroying vast environmental resources. Large parts of the territory are burned every year and fire activity will increase with the projected climate change due to increased climate variability.

In 2002, damages to infrastructure and loss of grazing due to wild land fires in South Africa were estimated to be in the region of \$50 million. An urgent need was identified to develop a satellite based information system that could not only provide information on the frequency and distribution of fires over time for the change detection research community but could also provide a near-real time



PPORT





# **Quick Win project**

### **Giant Mountains National Park (Krkonoše)**

Dissemination of EO skills - EO lectures,

EO exhibition, workshop



Implementation of EO technologies into environmental monitoring (meadow vegetation classification and monitoring, forest health, land cover change)









# **Quick Win project NP Krkonoše**

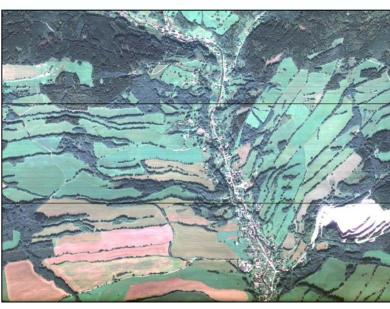
WorldView-2 acquisition in the framework of GEONETCAB project
Mainly for meadows vegetation research

Project Planet Action

Mainly for forest studies

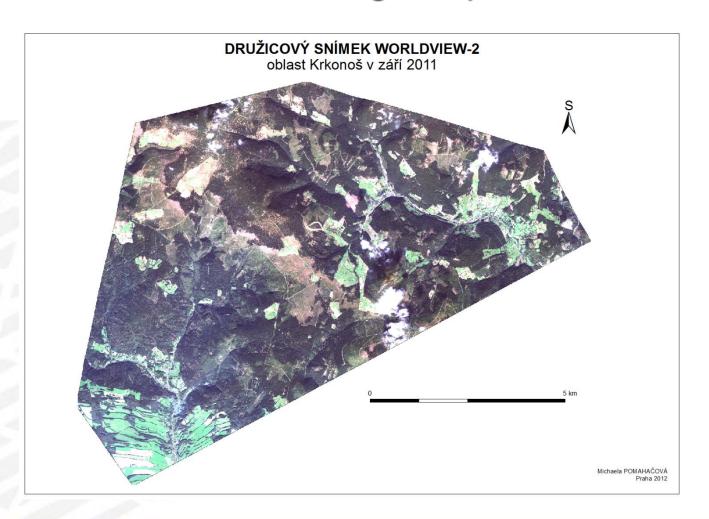
Project HyMountEcos
EUFAR framework, Cooperation with
Warsaw University
Aerial Hyperspectral data Acquisition

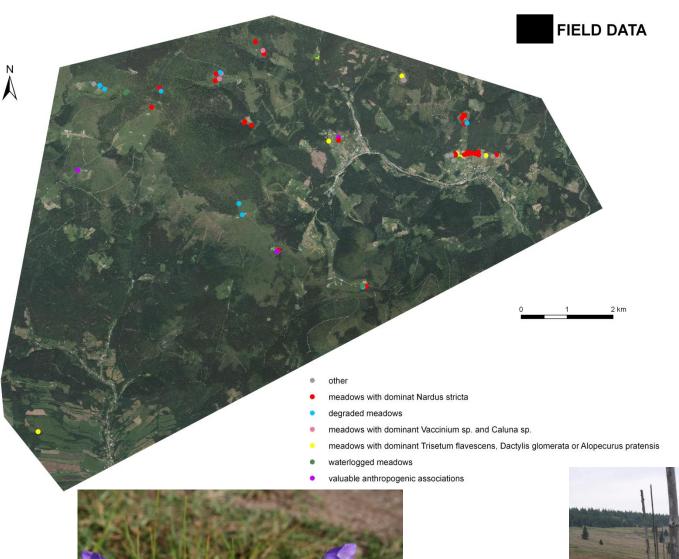
Master and PhD theses



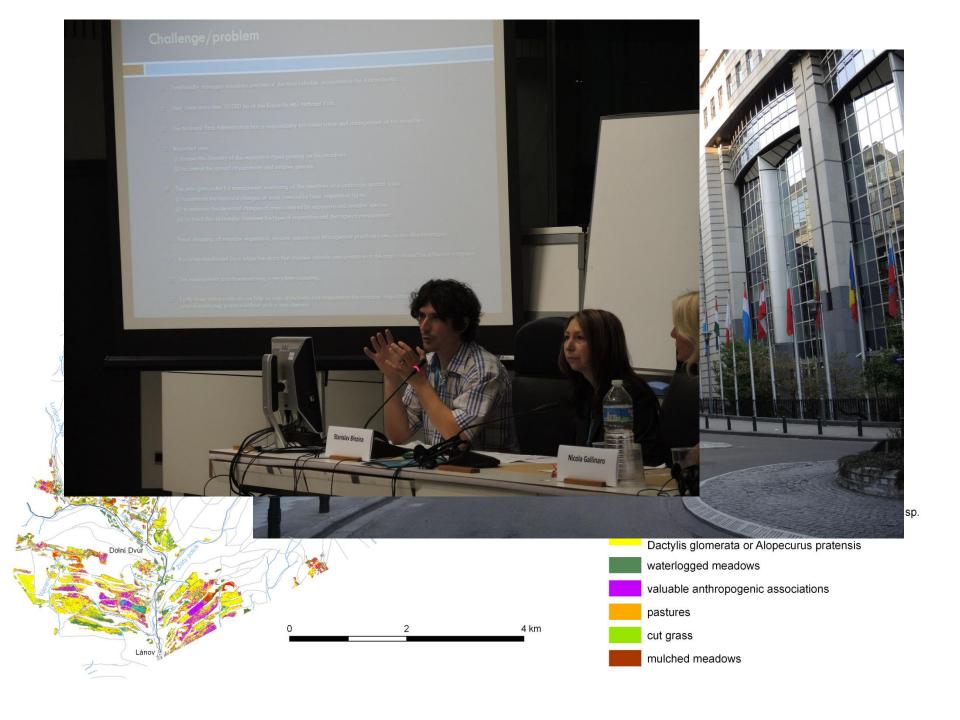


# WorldView-2 image September 2011









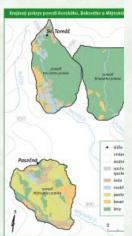
# **Atlas of Remote Sensing in Nature Preservation**

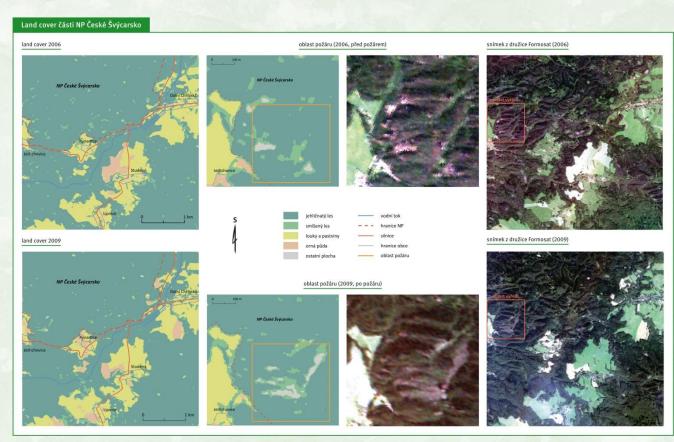




Stanovení land cover z dat DPZ v NP České Švýcarsko

Využití DPZ





# **EOPOWER** - Earth Observation for Economic Empowerment

FP7 project - <a href="http://www.eopower.eu/">http://www.eopower.eu/</a>

13 partners – Central, South and Eastern Europe, Africa, North and South America

**Strong consortium** - wider use and implementation of EO technologies with a significant impact on economic empowerment as a contribution for sustainable economic development.

### Based on the results of the GEONetCab project, the objectives are:

- to promote CB activities in the Czech Republic
- to extend the capacity building and dissemination activities to the Slovak Republic
- networking with and between EO organizations (academic, state, private sector) in the Czech and Slovak Republics
- valorisation of scientific results and general EO promotion in both countries =

## **SOCIAL BENEFIT**

# Thank you for your attention

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