NATIONAL POLICIES FOR THE IMPLEMENTATION OF THE EUROPEAN LANDSCAPE CONVENTION: CHALLENGES AND OPPORTUNITIES

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Workshop 4 – Horizontal and vertical co-ordination

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The territory of Serbia encompasses 8.8361 million ha
Protected areas encompass 575,310. ha (6.51%)
Serbia represents one of 158 centres of World Biodiversity, with its 1760 strictly protected species, 868 protected wild species of plants, animals and fungi.
Types of protected areas types

- **5 national parks** (150,486 ha)
- **16 nature parks** (213,303 ha)
- **16 landscapes with outstanding features** (45,656 ha)
- **68 nature reserves** (88,893 ha)
- **42 cultural and historical areas** (2,507 ha)
- **314 natural monuments** (8,579 ha)

460 - Total number of Protected Areas
The vegetation of Serbia is extremely diverse:

More than 700 associations, up to 500 sub associations may be grouped in higher phytosociological units (242 alliances, 114 orders and 59 vegetation classes).
The ecological network currently consists of 101 ecologically important areas, about 20.9% of the Serbian territory.
Activities conducted so far

- Legal recognition of landscape in Laws, Strategies, Spatial Plans;
- **Promotion** of ELC at local level;
- Participation at the **Landscape Award**;
- Monitoring the ELC Implementation, through the Spatial Plan of RS and pilot project: Building capacities of Regions for the implementation of the ELC;
- **Fostering transfrontier co-operation**;
- **Collecting examples of good practice**;
- **Raising awareness**.
“IMPROVEMENT OF CAPACITIES OF SUMADIJA AND POMORAVLJE REGIONS TOWARD THE APPLICATION OF THE EUROPEAN LANDSCAPE CONVENTION”

FIRST PHASE:

“CLASSIFICATION AND DESCRIPTION OF THE LANDSCAPE CHARACTER OF SUMADIJA AND POMORAVLJE DISTRICTS”
**Project Holder:**
Regional Economic Development Agency for Šumadija and Pomoravlje (REDASP) in cooperation with the Ministry of Agriculture and Environmental Protection of the Republic of Serbia

**Expert team:**
- Prof. Dr Jasmina Cvejić, landscape architect
- Prof. Dr Dragan Milovanović, geologist
- Prof. Dr Marija Maksin, architect
- Dr Stojanka Radulović, landscape architect
- Ing. Milan Milinović, geologist - expert for GIS

**Institute for Protection of Cultural Heritage-Kragujevac**

**Associates:**
- Ing. Dragana Čavlović, landscape architect
- Ing. Marko Ivošević, landscape architect

**Project duration:**
March 2015 – December 2015

**Financial support:**
Ministry of Agriculture and Environmental Protection of the Republic of Serbia

**Territory of project implementation:**
5001 km², 11 Municipalities and 2 Cities
Project objectives

- **Identification, classification and description** of landscape character types;

- Creation of **landscape spatial database**;

- Preparation of materials to be used for **presentation and promotion** of activities related to the implementation of ELC;

- Indirect contribution to the **legal recognition of landscape**;

- Using the experience gained through creation of landscape spatial database of Šumadija and Pomoravlje for the preparation of the **project for creation of landscape spatial database of the Republic of Serbia**
Mapping the landscape character

Regional Character Areas
Scale 1:50,000

Landscape character Types
Scale 1:25,000

Landscape Description Units
Scale 1:25,000

Landscapes description subunits
Scale 1: 5,000
Data collection and analysis

Base map - geology

Base map - geomorphology

Base map - soils

Base map - state forests
Data collection and analysis

Base map - morphology of the rural settlements

Base map - exposure

Base map - CORINE Land Cover

Base map – landform
Map of cultural objects

- Architectural heritage
- Archaeological sites
- Communication lines, culturally and historically significant
353 locations were recorded
Cultural landscape elements
Driving forces
New development
251 landscape description units are mapped and described.
Each contains:
- landscape profile;
- status;
- ecological profile;
- mapped elements of cultural landscape;
- protected natural areas and objects;
- geomorphological phenomena;
- spatial changes;
- field data and photo-documentation.
Landscape types

LCT-01 MOUNTAIN FOREST-PASTURE AREA WITH KARST FORMS

LCT-02 CANYONS IN THE FIELD OF KARST FORMS DEVELOPMENT

LCT-03 VALLEYS AND KARST FIELDS IN THE AREA OF KARST FORMS DEVELOPMENT

LCT-04 HILLS IN THE AREA OF DEVELOPMENT OF KARST FORMS MAINLY UNDER FOREST

LCT-05 HILLS IN THE AREA OF KARST FORMS UNDER FOREST/PASTURES/ARABLE LAND

LCT-06 LEGEND – MOUNTAIN LANDSCAPE PREDOMINANT UNDER FOREST

LTC-07 BORAC KARST

LTC-08 GORGE/RIVER VALLEYS

LTC-09 SLOPES OF THE HILLS MAINLY UNDER ARABLE LAND

LTC-10 HILLS SIDES/MAZE OF FOREST/PASTURE/ARABLE LAND

LTC-11 HILLS SIDES OF EXPRESSED DENDRITIC STRUCTURE OF LANDSCAPE

LTC-12 MOUNTAIN LANDSCAPE PREDOMINANT UNDER FOREST OF ALTERED MORPHOLOGY

LTC-13 SPECIFIC LANDSCAPE OF MOUNTAINOUS AREA

LTC-14 ALLUVIAL PLAIN OF VELIKA MORAVA AND RESAVA RIVER

LTC-15 MEANDERS, STILL WATERS ALONG VELIKA MORAVA FLOW

LTC-16 NATURAL LAKE

LTC-17 BROAR ALLUVIAL PLAN OF RIVER LOWE FLOWS

LTC-18 ALLUVIAL PLAINS OF MIDDLE RIVER FLOWS

LTC-19 HILLY – WAVED LANDSCAPE OF RIVER AND LAKE TERRACES (AREAS)

LTC-20 UNDULATING HILLY AREA /FRUIT/GROWING PRIORITY

LTC-21 THE HILLY WAVED AREA / CROP FARMING/ FRUIT GROWING

LTC-22 FLATTEND AREA OF HIGH INTESITY OF LAND USE

LTC-23 HILLY/WAVED AREA OF RIVER AND LAKE TERRACES (AREAS) – FENCED FIELDS

LTC-24 THE HILLY MOUNTAIN LANDSCAPE PREDOMINANT UNDER FOREST AND DILUTED FOREST/COPPICE

LTC-25 ISOLATED HILLS/MOUNTAIN

LTC-26 LOWLAND FORESTS

LTC-27 SPECIFIC LANDSCAPES OF PLANE-HILLY AREA

LTC-28 URBAN AREA
It contains:

• key features;
• character description;
• determinants;
• contemporary influence on the character;
• indicative guidelines for the preservation and enhancement of character;
• mapped elements of cultural landscape and of nature conservation areas
Identification, classification and description of landscape character types of Sumadija and Pomoravlje is the first step in protecting, planning and management landscapes in this regions;

Project was developed in the line with the two documents: Action plan and Rule books;

This is also the first step in the implementation of the European Landscape Convention in the Republic of Serbia on a comprehensive manner;

The realised information database of Sumadija and Pomoravlje landscape character is the basis for the continuation of a more detailed second phase, i.e. landscape character assessment.
More information at:  www.predelisrcasrbije.rs