BIOSPHERE RESERVES IN CZECH REPUBLIC / GERMANY AND MANAGEMENT CATEGORIES OF PROTECTED AREAS

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OUTLINE

- National Categories of Protected Areas
- Natura 2000
- IUCN Categories
- Biosphere Reserves
- Criteria of Performance
- Management Regimes for Iron Ore Mountains

PROTECTED AREAS IN CR

small-scale protected areas:

- (national) nature reserve (NPR, PR)
- (national) nature monument (NPP, PP)

large-scale protected areas:

- national park (NP)
- protected landscape area (CHKO)

NATURA 2000

- ecological network of protected areas in territory of the European Union

- Birds Directive (1979)
- Habitats Directive (1992)

- síť chráněných území na teritoriu EU

- Směrnice o ptácích (1979)
- Směrnice o habitatech (1992)

NATURA 2000 IN THE CZECH REPUBLIC
NATURA 2000 V ČR

NATURA 2000
BIRD SITES IN THE CZECH REPUBLIC

PTAČÍ OBLASTI V ČR

INTERNATIONAL CATEGORIES – IUCN
INTERNATIONAL UNION FOR NATURE CONSERVATION

- **6 international categories by IUCN**

CATEGORY I
Strict Nature Reserve or Wilderness Area.

CATEGORY II
<u>National Park</u>

CATEGORY III
Natural Monument

CATEGORY IV
Habitat/Species Management Area

CATEGORY V
<u>Protected Landscape</u> / Seascape:

CATEGORY VI
Managed Resource Protected Area

WHY DIFFERENT CATEGORIES ?

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Different categories – different management (care, CZ: péče a řízení chráněných území).

WHAT IS A BIOSPHERE RESERVE?

- **designated areas within the UNESCO MAB (Man and Biosphere Program}**

Three functions:

- **(1) Conservation** - conservation of natural + cultural diversity
- **(2) Development** - support of sust. economic and demographic development
- **(3) Logistics** - support of model projects, env. education and research linked to nature conservation and sust. development

HOW IS A BR PROTECTED ? LEGISLATION ?

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- some countries/states: specific legislation for BR protection
- no reference in legislation of Czech Republic

HOW IS A BR PROTECTED ? LEGISLATION ?

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- Saxony (Iron Ore Mts): a specific protected category by law

- Czech Republic: overlaps usually with a protected landscape area (PLA), or a national park (NP)

BIOSPHERE RESERVES GERMANY EXAMPLES:

- Oberlausitzer Heide und Teichlandschaft Biosphere Reserve
- Spreewald Biosphere Reserve
- Flusslandschaft Elbe Biosphere Reserve

BIOSPHERE RESERVES GERMANY

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BIOSPHERE RESERVES – CZECHIA

- Třeboňsko (PLA)
- Křivoklátsko (PLA)
- Šumava (NP+PLA)
- Krkonoše (NP)
- Bílé Karpaty (PLA)

- Dolní Morava ??

DOLNI MORAVA – CONTROVERSY: IS IT REALLY A BIOSPHERE RESERVE ?

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- regional/local stakeholders (state forests, towns, businessmen)
- critics: established with aim to prevent a PLA in the Soutok (Morava+Dyje confluence) area
- original plan was to extend the PLA Palava

BIOSPHERE RESERVES: CZECH REPUBLIC

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HOW CAN WE KNOW THAT AN AREA IS REALLY PROTECTED ?

- monitoring,
- independent evaluation

with env. NGO participation

- international comparisons
- reports to European Commission
- mgt categories certified by IUCN

HOW CAN WE KNOW THAT AN AREA IS REALLY PROTECTED ?

CRITERIA OF PERFORMANCE

- management plan of the area
- with verifiable measurable, ideally quantifiable, specific objectives

(biodiversity, envir. awareness …)

- regular monitoring and independent evaluation

MANAGEMENT REGIMES FOR THE IRON ORE MOUNTAINS AREA

- special protection area . (D: Schutzgebiet, CZ: zvláště chráněné území), incl. Natura 2000 Habitat Sites

- Natura 2000 Bird Area

MANAGEMENT REGIMES FOR THE IRON ORE MOUNTAINS AREA

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- agricultural areas with selected agri-envi programs
- areas of protected water resources
- Green Infrastructure, econet: biocorridors+biocentres), Czech ÚSES

(land use planning, CZ: územní plánování/D: Raumplannung)

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THANK YOU FOR YOUR ATTENTION !

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