

## Protected areas: model landscapes for sustainable development



International workshop:  
„Protected areas as tools for regional  
development“  
Saint-Pierre-de-Chartreuse, France  
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## Protected areas: model landscapes for sustainable development

### My academic working context

- ZENARiO - Centre for Sustainable Spatial Development at Carl von Ossietzky University Oldenburg
- German Association of Geographers – Rural Geographers Working Group
- NeReGro network: Hammer, Siegrist, Weixlbaumer



*u<sup>b</sup>*

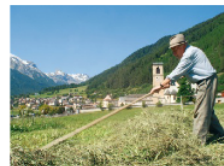
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### Protected areas: the European experience

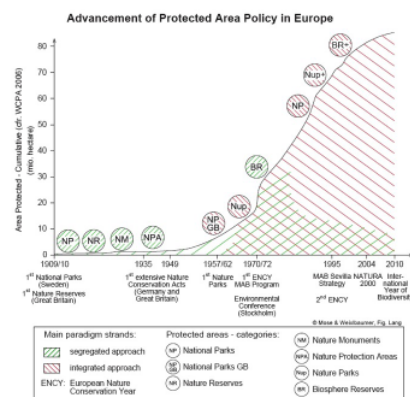
- Special role of protected areas (PAs) for nature conservation:
  - Easily identifiable landmarks
  - Significant impacts on the landscape
  - Highly visited
- Relevance of historical perspective: cultural vs. natural landscapes



3

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- Since first designation of PAs significant increase in number and area
- Controversies about targets and functions of PAs
- Consequently differentiation of several types
- Further advancement highly predictable (e.g. Switzerland, Norway)



4



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- Confusing diversity of terminology across Europe
- However, several types of PAs can be identified as „dynamic PAs“

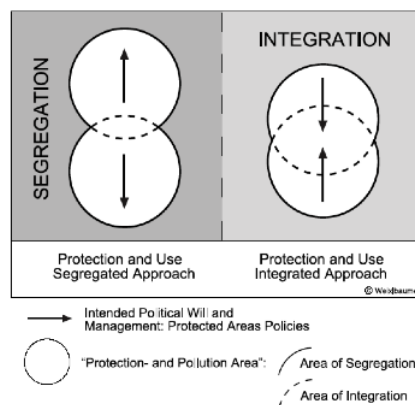
### Major types of dynamic PAs in Europe:

- Naturparke (Germany, Austria, South Tyrol)
- Regionale Naturpärke (Switzerland)
- Parc Naturel Régionaux (France)
- Parchi Naturali Regionali (Italy)
- National Parks (UK)
- Regionalparker (Norway)
- Biosphere Reserves (international)

7

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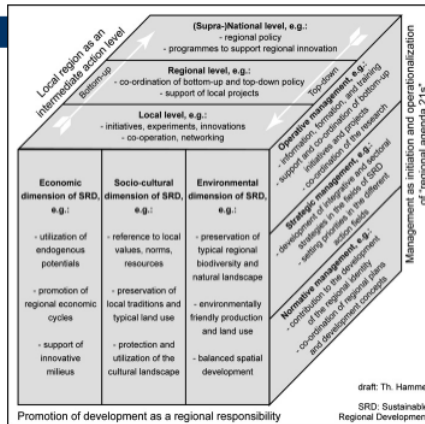
- Increasing role of dynamic PAs reflects obvious shift (or extension) of paradigm
- Weixlbaumer (2005): two basic principles of area protection



8

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- Hence, increasing relevance of PAs as „working landscapes“ and even model landscapes for sustainable development
- Complexity of challenges



The hexahedron of sustainable regional development

9

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- In summary, conceptual frame based on four major assumptions:
  - Address diverse functions in an equal sense (multifunctionality)
  - Involve stakeholders concerned (governance)
  - Create synergies between different forms of land-use
- Contribute to economic, ecological, and socio-cultural development (integrated approach)



10

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- So far heterogenous performance of PAs regarding conceptual demands (e.g. Mose 2007, Hammer 2003)

### Performance of PAs as model landscapes

- Naturparke: slow response in Germany with few positive examples so far, partially broader adaptation in Austria
- National Parks (UK): high correlation only in theory, practice often rather vague
- Parchi Naturali Regionali (Italy): theoretically strong, but often rather weak in practice
- Biosphere Reserves: strong correlation of concepts, many positive examples of succesful application

11

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### Designing future pathways

#### a. Stakeholder involvement and participation

- Understand dynamics of stakeholder involvement and governance
- Negotiate appropriate forms of participation
- Test and make use of suitable instruments: e.g. community appraisals, future workshops



12

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### b. Future topics

- Address topics of future relevance, e.g. biodiversity, sustainable tourism, renewable energies, climate change
- Initiate projects for practical demonstration (test beds)
- Develop models of visionary quality for the future



13

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### c. Communication of ideas and experiences

- Establish networks for cooperation, joint learning and innovation (learning regions)
- Connect with other national and international partners to exchange ideas and experiences (e.g. Alparc)

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14

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### d. Inter- and transdisciplinary research

- Support development of models by inter- and transdisciplinary research
- Thereby integrate real-world perspective
- Obtain better understanding and create more useful and accepted solutions in the region



**LEBEN 2014**  
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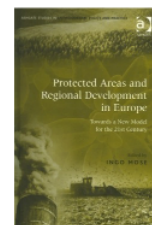


15

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Merci beaucoup!  
Thank you very much!  
Mille grazie!  
Tussen tack!  
Tack sa mycket!  
Bedankt!  
Vielen Dank!

Further information under:  
[www.raumentwicklung.uni-oldenburg.de](http://www.raumentwicklung.uni-oldenburg.de)



16