Cultural Services: Interdisciplinary and International Perspectives

Terry Daniel, University of Arizona
Andreas Muhar, BOKU University Vienna, Austria
Nubra, Ladakh, India

- Cultural diversity
- Spiritual and religious values
- Knowledge systems
- Educational values
- Inspiration
- Aesthetic values
- Social relations
- Sense of place
- Cultural heritage values
- Recreation and ecotourism
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ECOSYSTEM SERVICES

Provisioning
- Food
- Fresh water
- Wood and fiber
- Fuel
- ...

Supporting
- Nutrient cycling
- Soil formation
- Primary production
- ...

Regulating
- Climate regulation
- Flood regulation
- Disease regulation
- Water purification
- ...

Cultural
- Aesthetic
- Spiritual
- Educational
- Recreational
- ...

LIFE ON EARTH - BIODIVERSITY

CONSTITUENTS OF WELL-BEING

Security
- Personal safety
- Secure resource access
- Security from disasters

Basic material for good life
- Adequate livelihoods
- Sufficient nutritious food
- Shelter
- Access to goods

Health
- Strength
- Feeling well
- Access to clean air and water

Good social relations
- Social cohesion
- Mutual respect
- Ability to help others

Freedom of choice and action
- Opportunity to achieve what an individual values doing and being

Source: Millennium Ecosystem Assessment

ARROW’S COLOR
Potential for mediation by socioeconomic factors
- Low
- Medium
- High

ARROW’S WIDTH
Intensity of linkages between ecosystem services and human well-being
- Weak
- Medium
- Strong
Origin of this session:
US-EU Workshop on Cultural Ecosystem Services, Lunz, Austria, Nov 2009 (US National Science Foundation, Austrian Ministry of Science and Research, Austrian Academy of Sciences)

Program today:
• Robert Ribe (Univ. of Oregon): Ecological Production Functions for Landscape Aesthetics
• Adrienne Gret-Regamey (ETH Zurich): Services Provided by Modified and Constructed Landscapes
• Courtney Flint (Univ. of Illinois): Scientific Methods for Cultural Service Assessments
• Marianne Penker (BOKU Vienna): Evaluating Cultural Ecosystem Services: The Perspective of European Social Sciences
• Panel discussion: What is the range of human/environment situations to which „cultural ecosystem services“ applies?
Panel discussion

• What is the range of human/environment situations to which „cultural ecosystem services“ applies?
  – Natural vs. built environment
  – Role of humans in defining CES
  – Role of humans in maintaining CES