



Capacity-building workshop for Europe region on ecosystem conservation and restoration to support achievement of the Aichi Biodiversity Targets

ecosystem service benefit valuation:
case study of a discrete choice experiment

Karsten Rusche

ENCI, NL

- south of Maastricht, less than 3 km to the Belgian border
- active limestone quarry (until 2018)
- partly restored, existing transformation plan for the other parts



ENCI, NL

Planned Restoration State

- managed nature conservation with public access

Main ESS:

- maintaining nursery populations and habitats ■■■
- global climate regulation ■□□
- physical use of landscape ■■■

Alternative Restoration State

- natural colonisation, unmanaged, no public access

Main ESS:

- maintaining nursery populations and habitats ■□□
- global climate regulation ■■■

ENCI, NL

Relevant ESS*	Final ESS benefit	Assessment Methods
<i>Maintaining nursery populations and habitats</i>	Existence of rare species	<ul style="list-style-type: none"> Choice experiments
<i>Global climate regulation</i>	Carbon storage and sequestration	<ul style="list-style-type: none"> field surveys combined with InVEST modelling
<i>Physical use of landscapes</i>	Nature-based recreation	<ul style="list-style-type: none"> visitor survey choice experiments

* According to CICES classification

Valuation of ESS benefits at ENCI

Approach is a *discrete choice experiment*

- Approach to capture people`s preferences on different restoration alternatives related to the identified final ESS benefits
- participants need to choose between three alternatives per choice set
- in each choice set four attributes of ENCI planning alternatives are altered: managed wildlife, transition zone, internal access, connecting stairs

Valuation of ESS benefits at ENCI

- Choice modelling approach to capture preferred restoration elements



Valuation of ESS benefits at ENCI

- Typical choice set within the online survey



Welcome!

This survey deals with the upcoming restoration of the ENCI quarry located south of the City of Maastricht.

The survey is part of **RESTORE** – a project funded by the EU Interreg IWB North West Europe that aims to develop a framework for the future restoration of minerals sites (quarries) to provide benefits for biodiversity, habitats and local people.

Whereas there is already a restoration plan for the ENCI site developed which will be realized within the next few years, this survey is no referendum of future restoration works on the ENCI site but will help to capture benefits and identify public preferences in terms of quarry restoration. Results will help decision making and will showcase how future restoration projects can be targeted.

Everyone is welcome to participate and no prior knowledge about the site is necessary.
It will take you about **XX** minutes to complete the survey.
All information will be collected anonymously.



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