

Appendix

Appendix 1: Restrictive terms for ecosystem services

<p>IPBES Query¹ #5 (Methods)</p>	<p>Valuation OR WTP OR "willingness to pay" OR "willingness to accept" OR WTA OR "preference assessment" OR "preference*" OR "benefit transfer*" OR "value transfer*" OR "non-monetary valuation" OR "monetary valuation" OR "elicitation method*" OR "value elicitation" OR PA-BAT OR "Trade-offs" OR "discourse analysis" OR "stakeholder workshop*" OR "interview*" OR "questionnaire*" OR "mental model*" OR "focus group*" OR "concept mapping" OR "Q methodology" OR "Q-methodology" OR "Q study" OR "Q-study" OR "bayesian belief network*" OR BN OR BBN OR "participatory GIS" OR "PPGIS" OR "PGIS" OR "narrative method*" OR "narrative approach*" OR ARIES OR "InVEST model*" OR "biophysical model*" OR "bio-physical model*" OR "biophysical valu*" OR "bio-physical valu*" OR "global environmental flow" OR Mapnat OR "MARXAN" OR "MEB" OR "Ecosystem service map*" OR "ES map*" OR "Ecological importance" OR "Spatial proxy model*" OR ESTIMAP OR GISCAMO OR "Cultural Health Index" OR "Environmental importance" OR "POLYSCAPE" OR "ecosystem service quantification" OR "ES quantification" OR "ecosystem service modeling" OR "ES modeling" OR "service providing unit" OR "ecosystem service supply" OR "ES supply" OR "ecosystem service delivery" OR "ES delivery" OR "species richness" OR "biodiversity index" OR "species diversity" OR "ecosystem accounting" OR "contingent valuation" OR "choice experiment*" OR "conjoint analysis" OR "random utility" OR "RUM" OR "Marginal Utility" OR "Lancasters Characteristics demand theory" OR "Marginal rate of substitution" OR "choice model" OR "stated preferences" OR "deliberative valuation" OR "role playing game*" OR "social assessment for protected areas" OR "socio-cultural valuation" OR "expert * elicitation" OR "Afrocentric metho*" OR "Biocultural Methods" OR SAPA OR "participatory mapping" OR "social importance" OR "socio-economic importance" OR "socio-cultural importance" OR "social preferences" OR "Hypothetical policy scenario" OR "Willingness to pay" OR "Willingness to accept" OR "Compensation" OR "Nonmarket valuation survey" OR "Individual welfare change" OR "Equivalent variation of welfare" OR "Compensatory variation of welfare" OR "Multiattribute model*" OR "multi-attribute model" OR "Discrete choice modelling" OR "Final mixture model" OR "Latent Class Model" OR "LCM" OR "Random Parameter Logit Model" OR RPLM OR "Mixed Logit Model" OR "alternative specific conditional logit" OR "hedonic" OR "travel cost" OR "cost-based" OR "cost-effectiveness" OR "production function" OR "shadow price*" OR "Health valuation" OR "Photo Elicitation" OR "Photo-Elicitation" OR "replacement cost*" OR "averting behavior" OR "economic importance" OR "livelihood assess*" OR "market price*" OR "market valu*" OR "time use" OR "mitigating cost*" OR "preventive expenditure*" OR "cost of illness" OR "participant observation" OR "observe behavior" OR "observe practice*" OR "ritua*" OR "ceremon*" OR "cost-benefit" OR "cost benefit" OR "benefit cost" OR "benefit-cost" OR "MCA" OR "multicriteria analysis" OR "MCDA" OR "multicriteria decision analysis" OR "integrated valuation" OR "deliberative decision making" OR "business accounting" OR "corporate accounting" OR "profit and loss account*" OR ESG OR "Consensus analysis" OR "Natural Capital Accounting" OR "SolVES" OR "inclusive valuation" OR "integrated model*" OR "participatory decision*" OR "Deliberative integration"</p>
<p>Additional methods from MAES methods explorer²</p>	<p>Alternative cost* method* Conceptual model* Corporate Ecosystem Service* Review* Damage cost* avoided Defensive expenditure* Deliberative assessment* earth observation* Ecological Connectivity model* Ecosystem Service* Account* Ecosystem service* assessment*</p>

¹ Source: Barton, D., Aydin, C.I., Laureans, Y., Niamir A. (2022) IPBES VA Chapter 4. Systematic review on valuation uptake/ IPBES values assessment (4.4)

² Source: <https://database.esmeralda-project.eu/home>

Ecosystem service* card game*
Field Observation*
Geo-tagged photo-series analysis
habitat model*
Input-Output analysis
Integrated modelling framework*
landscape function model*
Macro-ecological model*
Narrative assessment*
Net factor income
Opportunity cost*
Participatory scenario planning
participatory valuation*
Phenomenological model*
Process-based model*
Public price*
Remote sensing
residual value* method*
Restoration cost*
Social Cost* of Carbon
socio-economic data
State and transition model*
statistical data
Statistical model*
survey*
Trait-based model*