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| Project Name: | England's Upland Ecosystem Services |
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| Funded by: | Natural England |
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| Research Team: | Marion Potschin, Roy Haines-Young, Alison Rollett Dominic Tantram (Terra Consult) |
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| Duration: | 21 st December 2007 – 31 st March 2008 |
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Project Overview:

Publication of the Millennium Ecosystem Assessment stimulated considerable scientific and policy interest in the assessment of ecosystem services and their importance for human well-being. The Uplands represent a suite of ecosystems whose structure is relatively well understood, and in which the links between biodiversity, ecosystem services and well-being is apparent. English Uplands are also significant because they contain a large proportion of the country's semi-natural habitats, vital water catchments and wildlife habitats, while at the same time being some of the most valuable and popular areas for recreation. This scoping study will create a robust framework on which future work on upland ecosystem services can be built through:

- The development of conceptual, evidence-based system-maps using Bayesian Belief Networks for an agreed set of upland ecosystem services, describing the ways in which these services are generated and the impact of key drivers upon them.
- The development of a typology describing the ways in which habitat quality, conservation status and biodiversity characteristics of site relate to the output of the selected ecosystem services, and to establish how such knowledge can be used for the spatial mapping of services and their valuation.
- The assessment and testing of opportunities for the spatial mapping of ecosystem services.
- The identification of the barriers and opportunities for extending the analytical approach developed during this study to other services in the uplands.

The role of CEM:

CEM will lead the project, and work with Terra Consult, invited experts and Natural England to scope a further phase of work that is designed to support the Natural England 'Upland Futures' project. In doing so the project will clarify the approaches and opportunities available for characterising, mapping and valuing upland ecosystem services.

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| Links: | |
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