



Developing a participatory process to include ecosystem services in landscape planing

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This work develops an approach that integrates scientific knowledge on ecosystem services and stakeholders demands to get guidelines for landscape planning strategies in the region of Biscay (Basque Country, northern Spain). In the conducted participatory process, forest multi-functionality was considered as a practicable good alternative. This process identified also a knowledge gap on the synergies and trade-offs between biodiversity, timber production and carbon storage, guiding the directions of the research actions. The results from developed spatial analysis converged with those from the participatory process in the adequacy of promoting, where possible and appropriate, natural forest ecosystems restoration. The ongoing stepwise learning strategy is already showing its effectiveness for decision making, with concrete examples of how the results obtained with the applied approach are being included in planning and decision-making processes.