

Interactive comment on “The support of multidimensional approaches in integrate monitoring for SEA: a case of study” by C. M. Torre and M. Selicato

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The authors have structured some relevant questions pertaining the implementation of multidimensional approaches to Strategic Environmental Assessment monitoring, that is a crucial aspect in SEA processes. The literature and the analysis of theoretical issues presented in sections 1 provide a useful framework of how monitoring can support plan implementation. An examination of monitoring also needs to be aware of the important role that multidimensional approaches and tools play within SEA process. This is in-depth analyzed and investigated by the case-studies elaborations. The paper illustrates the complexity of a monitoring process, introducing the implementa-

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tion of a spatial decision-support system replicable to other assessments. Indeed, the opportunity to identify a methodological approach that can be replicable offers the possibility to enlarge the application field, achieving a multi-criteria evaluation “routine” that can be imported into the system. It is evident that the evaluation system, implemented in software design, can be relevant for the identification of territorial changes, allowing a multicriteria analysis of land use and combining spatial analysis with cognitive evaluation. The perspectives opened by the study are particularly relevant for improving the monitoring implementation, taking into account different spatial scales and multidimensional indicators. Taken as a whole, the paper is well-written and the methodological approach implemented is particularly relevant in a wider debate on the SEA follow-up.

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