

***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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This remarkable paper deals with an interesting methodological approach to SEA, paying attention to the entire process of environmental evaluation, which should not be a linear process (start-finish) but a cyclic one. In this perspective, the paper confirms that the monitoring of environmental issues should have much relevance and hence it's necessary to study methods and tools for a continuous monitoring, using information technologies. The AHP method seems to be very useful in structuring the problem of assessing the level of criticality and sensitivity of each physiographic sub-ambit, and hence it may be interesting to explain more in depth the steps of the AHP: the individua-

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tion of hierarchies, the process of rating by expertise (who they are, how many they are, how they are selected), the aggregating process of the associations of weight made by more experts, the matrix of pairwise comparisons and the calculus of its eigenvalues.

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