

Interdisciplinary themes on building conservation in extreme environmental scenarios

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Usual ecological knowledge focuses on information related to the attributes affecting non-human systems, mainly on species distribution and abundance. However, socio environmental systems require a broad approach, involving trans-cultural, economic and psychosocial information to allow the management of renewable resources on a participative approach. New modelling approaches that consider human perceptions, attitudes and behaviour dealing with natural resources are desirable to allow effective management of conservation and the sustainable use of those resources. Here we will show alternatives to incorporate interdisciplinary attributes on systems models allowing potential improvement on management approaches.