

“EXPERIENCIAS MEDITERRÁNEAS EN SOLUCIONES BASADAS EN LA NATURALEZA”

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En 2016 UICN Med lanzó una iniciativa involucrando a los miembros, expertos de comisiones y socios estratégicos de UICN en la región para:

- 1. Identificar criterios para valorar las soluciones basadas en la naturaleza (83 instituciones y expertos de UICN)**
- 2. Identificar las mejores experiencias de soluciones basadas en la naturaleza implementadas en el Mediterráneo (23 casos presentados, 15 seleccionados)**

Criterios para la selección de casos

Grupo I: relevancia, resiliencia, impacto ambiental y sostenibilidad.

Grupo II: continuidad, impacto socioeconómico, aceptación social y participación ciudadana.

Grupo III: cooperación con las partes interesadas, contribución a las políticas internacionales y regionales, conocimiento tradicional, escalabilidad, cooperación con instituciones regionales o subregionales, adaptabilidad e innovación.

Criterios para la selección de casos

Otros puntos propuestos también se tuvieron en cuenta en el Grupo IV, incluidos: los Objetivos de Desarrollo Sostenible (especialmente el ODS 14) / y el desarrollo local; desarrollo económico / beneficios para la naturaleza / evitar pérdidas y desastres; planificación territorial; financiación; integración política; y la participación de otros sectores más allá de los conservacionistas.

Procesos paralelos (CMN)

- ❖ Resolución 69-Moción 77: Definición de soluciones basadas en la naturaleza que contribuye al fortalecimiento del marco de acción de NbS;
- ❖ Recomendación 107 - Moción 62: Integración de soluciones basadas en la naturaleza en estrategias para combatir el cambio climático;
- ❖ Resolución 39 - Moción 42: Áreas protegidas como soluciones naturales al cambio climático

Procesos paralelos (Publicaciones de UICN)

- ❖ Cohen-Shacham, E., Walters, G., Janzen, C. and Maginnis, S. (eds.) (2016). Nature-based Solutions to address global societal challenges



Case study	NbS approached used (main; secondary)	Location	Ecosystem type	Societal challenge
<p>1: The Adaptation of Forest Ecosystems and Forestry to Climate Change in the Seyhan Basin</p>	<p>Ecosystem-based adaptation Climate adaptation services</p>	<p>Seyhan Basin (Turkey)</p>	<p>Forest</p>	<p>Assessing climate change impacts towards developing adaptation measures on forest ecosystems.</p> <p>Translating research outcomes successfully to management propositions at different scales.</p>
<p>2: Adapting Mediterranean Forests to Climate Change</p>	<p>Ecosystem-based adaptation Climate adaptation services Ecosystem-based Disaster Risk Reduction</p>	<p>Konya (Turkey)</p>	<p>Forest</p>	<p>Keep forests resilient to climate change. Maintain healthy forests as a natural solution to avoid impact of catastrophes</p>
<p>3: Adaptation and mitigation measures to climate change in the Ebro Delta. LIFE EBRO-ADMICLIM</p>	<p>Ecosystem-based adaptation Ecosystem-based mitigation Ecosystem-based management</p>	<p>Ebro's Delta (Tarragona, Spain)</p>	<p>Wetlands, Rice fields and coastal sand dunes and beaches</p>	<p>Respond to several mitigation and adaptation needs linked to climate change in a delta area:</p> <ul style="list-style-type: none"> • Avoid coastal erosion in delta areas with subsidence • Improving water quality that has strong use by agriculture before returning it to nature • Reducing greenhouse gas emissions by means of appropriate agriculture practices in rice fields.

<p>4: Securing rights and restoring lands for improved livelihoods</p>	<p>Ecosystem-based management Ecological restoration</p>	<p>Zarqa river basin (Jordan)</p>	<p>Rangelands</p>	<p>Recovering of the traditional Bedouin's rangeland management systems to avoid land degradation and biodiversity loss.</p>
<p>5: Collecting and preserving scarce Natural Range seed plants.</p>	<p>Area-based conservation Ecological restoration</p>	<p>Matrouh (Egypt)</p>	<p>Rangelands</p>	<p>Recovering of extinct and endangered species of plants based on the Bedouin's traditional knowledge and a participatory approach</p>
<p>6: Conservation and management in the special protection areas for the steppe birds of Andalusia</p>	<p>Area-based conservation</p>	<p>Andalusia (Spain)</p>	<p>Rainfed crops/steppe</p>	<p>Compatibility of agricultural activity with the conservation of steppe birds threatened by extinction in special bird protection areas (ZEPA). Implementation of innovative techniques for farmers, which allow for the conservation of steppe birds and improvement of farmers' incomes.</p>
<p>7: LIFE Blue Natura Andalucía (LIFE 14/CCM/ES/000957): Posidonia oceanica as a carbon sink</p>	<p>Ecosystem-based mitigation Area-based conservation</p>	<p>Andalusia (Spain)</p>	<p>Seagrass meadows (Posidonia Oceanica)</p>	<p>Establishment of valid scientific methodologies to measure carbon fixation in the Posidonia seagrass meadows. Inclusion of the Posidonia seagrass meadows in CO2 emissions offset projects</p>

<p>8: Ecological restoration of the Segura and Moratalla rivers; project of actions for the control of alien invasive non-tree species and restoration of Priority Habitats of Community interest</p>	<p>Ecological restoration Green infrastructure Ecosystem-based Disaster Risk Reduction</p>	<p>Abarán, Cieza, Calasparra y Moratalla (Murcia, Spain)</p>	<p>Riparian forest</p>	<p>Permanent removal of the cane rhizomes (<i>Arundo donax</i>), invasive alien species affecting the riparian forest and agriculture</p> <p>Restoration of the plant communities that make up the indigenous riparian forests.</p>
<p>9: Partnerships in social forestry: Thinning operations, carried out by the local associations</p>	<p>Ecosystem-based management</p>	<p>Ait Hamad Rbiaâ, El Hajjaj and Sahb; Lagnam /Ifrane Province (Morocco)</p>	<p>Oak forest</p>	<p>To find a solution to the local population's problem of supplying firewood and fodder for their cattle in a period of scarcity and to help them contribute to the silviculture of the oak grove. By implementing a formula for win-win cooperation.</p>
<p>10: Agro-ecological project of Petit Saint-Jean</p>	<p>Ecosystem-based management</p>	<p>Petit Saint-Jean farm, Saint-Laurent d'Aigouze, La Camargue (France)</p>	<p>Agricultural fields</p>	<p>Create a showcase of agro-ecology locally and in the whole of the French Mediterranean area, in order to transfer the agronomic achievements to a wide variety of actors</p>
<p>11: Adaptation of the original Camargue salt marshes to climate change</p>	<p>Ecosystem-based Restoration Area-based conservation</p>	<p>Camargue, Bouches-du-Rhône (France)</p>	<p>Lagoons and other coastal habitats</p>	<p>Depolderisation of 4000 ha and abandonment of the coastline defence works.</p> <p>Restoration of coastal ecosystems.</p>

<p>12: Sustainable management of Morocco's marine resources</p>	<p>Ecosystem-based adaptation Ecosystem-based management</p>	<p>Marine Protected Area for the purposes of fishing of Alborán / Mar Chica Lagoon / Al Hoceima National Park (Morocco)</p>	<p>Sea, estuary, seagrass beds, cliffs</p>	<p>Destruction of the marine biotope Decline of the local osprey population Decline of the demersal stock</p>
<p>13: Promotion of integrated multi-trophic aquaculture in the Beni Mellal Khenifra region: an innovative solution for socio-economic development of dams</p>	<p>Ecosystem-based management</p>	<p>Beni Mellal Khenifra region (Morocco)</p>	<p>Dams</p>	<p>Relying on ecological processes and functions to improve fish productivity and strengthen the ecosystem services rendered. Producing cultivated fish species from different trophic or nutritional levels and that are linked by the flow of nutrients moved by the water.</p>
<p>14: Rehabilitation of the coastal dune ecosystem of the Commune of Corso</p>	<p>Ecological restoration</p>	<p>Commune of Corso (W. Boumerdes) (Algeria)</p>	<p>Sand dunes</p>	<p>Protect and prevent the degradation of the dune ecosystems</p>
<p>15: ZEN POOL - biological swimming pool</p>	<p>Ecological Restoration Ecosystem-based management</p>	<p>Praia da Maria Luisa, Albufeira (Portugal)</p>	<p>Freshwater pond/wetland</p>	<p>Keep good water quality in a swimming pool by means of a natural ecosystem.</p>