

## Selected Tools Step 2

Tools in **bold** are linked with tool pages with detailed tool descriptions

Tools title	Tool uses	Link to source	Activity n°
Analytic Hierarchy Process in ArcGIS	Risk assessment. Tools to facilitate the use of scientific information in the deliberation processes (DSS)	<a href="http://www.spatial.redlands.edu/sds/ontology/?n=SDSStool:ArcGIS-AHP">http://www.spatial.redlands.edu/sds/ontology/?n=SDSStool:ArcGIS-AHP</a>	<b>2,3,11</b>
Asset / Objective – Impact / Threat Matrix	Risk assessment. Impact assessment. Option evaluation and selection. Explore/evaluate different management policy options.	<a href="http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_46/en">http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_46/en</a>	<b>2,4,8,11</b>
<b>BCA Tool Kit</b>	<b>Assessment and quantification of the impacts of hazard mitigation assistance projects; Enables decision makers to implement CBA and to compare alternative options.</b>	<a href="http://www.bchelpline.com/">http://www.bchelpline.com/</a>	<b>2,5, 6,</b>
Conceptual and Qualitative Modelling	Risk assessment. Option evaluation and selection. Explore/evaluate different management policy options. Tools facilitating participation and connectivity at different levels (policy-science dialogue, stakeholder involvement).	<a href="http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_46/en">http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_46/en</a>	<b>2,4,8,11</b>
<b>DPSWR framework</b>	<b>Vulnerability and impact assessment</b>	<a href="http://www.msfd.eu/knowseas/ea.html">http://www.msfd.eu/knowseas/ea.html</a>	<b>2,3,4,6, 8, 10, 11</b>
Habitat Priority Planner	Spatial analysis, mapping and planning. Tools to facilitate the use of scientific information in the deliberation processes (DSS). Scenario planning and modelling supporting integrated and forward looking policies. Analyse and control outcomes of plan/policy implementation. Evaluation of Management Effectiveness	<a href="http://www.csc.noaa.gov/digitalcoast/tools/hpp">http://www.csc.noaa.gov/digitalcoast/tools/hpp</a>	<b>2,4,5,8,10,11</b>

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InVEST Toolbox	Risk assessment. Spatial analysis and mapping. Numerical models. Tools to facilitate the use of scientific information in the deliberation processes. Economic assessment	<a href="http://www.naturalcapitalproject.org/InVEST.html">http://www.naturalcapitalproject.org/InVEST.html</a>	<b>2,4,6,8</b>
LINK	Initial assessment of ecosystem components (species habitat and habitat diversity). Tools to facilitate the use of scientific information in the deliberation processes.	<a href="http://www.umesc.usgs.gov/management/dss/bird_conservation_tools_link.html">http://www.umesc.usgs.gov/management/dss/bird_conservation_tools_link.html</a>	<b>2,3,8</b>
MarineMap	Data management/collection. Spatial analysis and mapping. Tools to improve stakeholders' involvement . Tools facilitating participation and connectivity at different levels (policy-science dialogue, stakeholder involvement).	<a href="http://marinemap.org/decision-support-tool">http://marinemap.org/decision-support-tool</a>	<b>2,4,8,11</b>
MARXAN	Data management/collection. Spatial analysis and planning. Tools to facilitate the use of scientific information in the deliberation processes (DSS). Indicators to assess GES (Biodiversity) Review performance of the Management system	<a href="http://www.uq.edu.au/marxan/">http://www.uq.edu.au/marxan/</a>	<b>2,4,8,10,11</b>
Multi-Criteria Decision Analysis (MCDA) Also Known as Multi-Objective Decision Analysis (MODA)	Risk assessment Option evaluation and selection. Explore/evaluate different management policy options.	<a href="http://www.cifor.org/acm/methods/toolbox9.html">http://www.cifor.org/acm/methods/toolbox9.html</a>	
PANDA	Spatial analysis, mapping and planning. Tool for spatial planning. Models and tools for developing and comparing scenarios.	<a href="http://www.mappamondogis.it/panda.htm">http://www.mappamondogis.it/panda.htm</a>	<b>2,4,8,10,11</b>

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PERSEUS Presentation Materials	Basic tool useful to ease Stakeholder dialogue at any step of the policy cycle	<u>To be defined</u>	<b>1,3,8,9,11,12</b>
<b>Qualitative Risk Analysis (consequence X likelihood)</b>	<b>Risk assessment. System-knowledge and actively supporting the assembling of the policy.</b>	<a href="http://www.fisheries-esd.com/a/pdf/ICESv62p1576-587-%20ERA%20Article.pdf">http://www.fisheries-esd.com/a/pdf/ICESv62p1576-587-%20ERA%20Article.pdf</a>	<b>4</b>
SimLab	Risk assessment Tools to facilitate the use of scientific information in the deliberation processes Sensitivity and Uncertainty Analysis	<a href="http://simlab.jrc.ec.europa.eu/">http://simlab.jrc.ec.europa.eu/</a>	<b>4,8,11</b>
Social and Economic Assessment Methods	Social and economic (impact assessment. Option evaluation and selection. Explore/evaluate different management policy options.	<a href="http://www.fisheries-esd.com/a/pdf/Social_Assessment_Handbook.pdf">http://www.fisheries-esd.com/a/pdf/Social_Assessment_Handbook.pdf</a>	<b>6,8,11</b>
<b>Stakeholder Meetings</b>	<b>Basic guidance for stakeholder involvement, useful at any stage of the policy cycle</b>	<a href="http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_20/en">http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_20/en</a>	<b>1,3,5,7,9,11,12</b>
SWOT (strength, weaknesses, Opportunities and threat) ANALYSIS	Facilitating tool	<a href="http://ec.europa.eu/europeaid/evaluation/methodology/tools/too_swo_en.htm">http://ec.europa.eu/europeaid/evaluation/methodology/tools/too_swo_en.htm</a>	<b>1,5,9,11</b>