

Selected Tools Step 1

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)	http://www.spatial.redlands.edu/sds/ontology/?n=SDSSTool:ArcGIS-AHP	2,3,11
AQUATOX	Risk assessment Indicators to assess GES (Contaminants). Option evaluation and selection. Review performance of the Management system	http://water.epa.gov/scitech/datatit/models/aquatox/	4,10,11
Asset / Objective – Impact / Threat Matrix	Risk assessment. Impact assessment. Option evaluation and selection. Explore/evaluate different management policy options.	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_46/en	2,4,8,11
BCA Tool Kit	Assessment and quantification of the impacts of hazard mitigation assistance projects; Enables decision makers to implement CBA and to compare alternative options.	http://www.bchelpline.com/	2,5, 6,
Benthic Terrain Modeller	Initial assessment of ecosystem components (seafloor)	http://gcmd.nasa.gov/records/BTM.html	2
Brain Storming	Tools for the selection (analysis) and stakeholders involvement. Explore/evaluate different management policy options. Tools facilitating participation and connectivity at different levels (policy-science dialogue, stakeholder involvement).	http://www.brainstorming.co.uk/tutorials/tutorialcontents.html	1,3,5,11

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Communication Templates and Tools	Tools for the selection (analysis) and stakeholders involvement. Tools facilitating participation and connectivity at different levels (policy-science dialogue, stakeholder involvement).	http://www.communications.tas.gov.au/channels/communication_strategy/strategy_and_implementation/communications_strategy_long-term_users_guide	1,5,11
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).	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_46/en	2,4,8,11
Conflict management, Negotiation and Consensus Building	A tool aiming to make more efficient dialogue with stakeholders	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_48/en	1,3,5,9,11,12
Consensus Workshop Method	A tool aiming to make more efficient dialogue with stakeholders and other administrations	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_47/en	1,3,5,7,9,11
DPSWR framework	Vulnerability and impact assessment	http://www.msfd.eu/knowseas/ea.html	2,3,4,6, 8, 10, 11
EcoPath	Initial assessment of ecosystem components (fisheries including actual management measures)	http://www.runeasy.org/easy.html	2,11
Facilitation – on Line Descriptions	An on-line course to improve facilitation skills, critical for dialogue with stakeholders	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_28/en	1,3,5,9,11,12
Fisheries Library in R	Initial assessment of ecosystem components (fisheries). Explore/evaluate different management policy options.	http://flr-project.org/doku.php?id=toc	2,4,11
Focused Conversations	A tool aiming to make more efficient dialogue with stakeholders	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_5/en	1,3,5,9,11,12

Tools title	Tool uses	Link to source	Activity n°
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	http://www.csc.noaa.gov/digitalcoast/tools/hpp	2,4,5,8,10,11
Imagine, Systemic analysis, prospective studies, and participatory approaches for coastal zone management	Supporting policy makers to define objective using a participatory approach Participative approach increase robustness of policies Supporting policy makers to make policy adjustments using a participatory approach	http://planbleu.org/en/outils-et-methodes/methode-imagine	3,12
Institutional Analysis	Tools for the selection (analysis) and stakeholders involvement.	http://www.ifad.org/english/institutions/sourcebook.pdf	1,9,12
InVEST Toolbox	Risk assessment. Spatial analysis and mapping. Numerical models. Tools to facilitate the use of scientific information in the deliberation processes. Economic assessment.	http://www.naturalcapitalproject.org/InVEST.html	2,4,6,8
LINK	Initial assessment of ecosystem components (species habitat and habitat diversity). Tools to facilitate the use of scientific information in the deliberation processes.	http://www.umesc.usgs.gov/management/dss/bird_observations/observation_tools_link.html	2,3,8
MarineMap	Data management/collection. Spatial analysis and mapping. Tools to improve stakeholders' involvement . Tools facilitating participation and connectivity at	http://marinemap.org/decision-support-tool	2,4,8,11

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	different levels (policy-science dialogue, stakeholder involvement).		
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.	http://www.uq.edu.au/marxan/	2,4,8,10,11
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.	http://www.cifor.org/acm/methods/toolbox9.html	
Non Formal Risk Categories (Preliminary Hazard Analysis)	Risk assessment.	http://www.fisheries-esd.com/a/pdf/EAFM%20BASED%20GUIDE%20FOR%20TMP%20DEVELOPMENT%20v6%201.pdf	4
PANDA	Spatial analysis, mapping and planning. Tool for spatial planning. Models and tools for developing and comparing scenarios.	http://www.mappamondogis.it/panda.htm	2,4,8,10,11
PERSEUS Presentation Materials	Basic tool useful to ease Stakeholder dialogue at any step of the policy cycle	<u>To be defined</u>	1,3,8,9,11,12
Qualitative Risk Analysis (consequence X likelihood)	Risk assessment. System-knowledge and actively supporting the assembling of the policy.	http://www.fisheries-esd.com/a/pdf/ICESv62p1576-587-%20ERA%20Article.pdf	4

Tools title	Tool uses	Link to source	Activity n°
Quantitative stock assessment methods	Risk assessment Indicators to assess GES (Fish stock). Option evaluation and selection. Review performance of the Management system	http://www.fao.org/docrep/009/y5997e/y5997e00.htm	2,4,8,11
Questionnaires	Guidance to carry out questionnaires, a method frequently used to consult a large panel of stakeholders.	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_15/en	1,3,5,11
SimLab	Risk assessment. Tools to facilitate the use of scientific information in the deliberation processes. Sensitivity and Uncertainty Analysis.	http://simlab.jrc.ec.europa.eu/	4,8,11
Social and Economic Assessment Methods	Social and economic (impact assessment). Option evaluation and selection. Explore/evaluate different management policy options.	http://www.fisheries-esd.com/a/pdf/Social_Assessment_Handbook.pdf	6,8,11
Stakeholder Meetings	Basic guidance for stakeholder involvement, useful at any stage of the policy cycle	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_20/en	1,3,5,7,9,11,12
Stakeholder Workshops	Guidance for organization of stakeholder workshops	http://www.fao.org/fishery/eaf-net/eaftool/eaf_tool_3/en	1,5,11
Stakeholders analysis	Tools for the selection (analysis) and stakeholders involvement. Tools facilitating participation and connectivity at different levels (policy-science dialogue, stakeholder involvement).	ftp://ftp.fao.org/docrep/fao/012/i1037e/i1037e00.pdf	1,9,12