

ECASA indicator

Name	Water availability								
DPSIR classe	State								
ECASA subgroups	Coastal zone management								
ECASA code	WATERAVAIL								
Proposed by participant									
Definition, computation, Data required	Water need/water available From 0 to 20-30% Water need, from volume of water and renewal rate Water available from hydrological assessments								
Summary, scientific meaning, implementation	The need of water for a farm should not exceed a fraction of the available water, in order not to compromise other activities and future developments								
Range of validity	<table border="1"> <tr> <td>No impact</td> <td>0%</td> </tr> <tr> <td>Low impact</td> <td>1 to 5%</td> </tr> <tr> <td>Moderate impact</td> <td>5 to 20%</td> </tr> <tr> <td>High impact</td> <td>20 to 50%</td> </tr> </table>	No impact	0%	Low impact	1 to 5%	Moderate impact	5 to 20%	High impact	20 to 50%
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Moderate impact	5 to 20%								
High impact	20 to 50%								
Species concerned (fishes/molluscs)	fishes								
Related type of aquaculture	-inland aquaculture, earthen pond aquaculture located on the shoreline or on constructed wetland - recirculating aquaculture								
Relevant environments for this indicator	Land-based marine aquaculture, usually at the vicinity of the shoreline								
Geographic scale	local								
Direct relevance to objectives	A Use of different type of water should be explicated. Is the farm intending to use groundwater or freshwater?								
Clarity in design.	B Water availability can be defined in different ways: measure of courant, tidal renewal..								
Realistic collection or development costs	A								
High quality and reliability	B								
Appropriate spatial and temporal scale	B are they any seasonal changes in water availability								
Obvious significance	A								
advantages									
disadvantages									
references	<i>J.M. Kapetsky and U. Barg, Fishery Resources Division, FAO, Rome, Italy</i>								
State of validation									
recommendations									