
9.4. SUB-REGIONAL SCALE: MANAGEMENT AREAS

MARITIME MANAGEMENT AREAS

Four Maritime Management Areas have been established for recreational activities in the Straits Subdivision using data obtained from the Andalusian Public Ports Agency: number of marinas, number of berths available in each of the six subzones, and a third factor which is the number of hotel beds by municipality and which will be used for weighting.

The purpose is to carry out zoning by subzone bearing in mind the importance of the recreational activities in each, in order to establish potential management areas.

Zoning is done by assigning a strip with a specific width expressed in nautical miles to each of the subzones based on the ratio between the number of marinas and the number of berths. Three intervals are established based on the results: the first interval is assigned a value of 1½ nautical mile. This interval includes the Gulf of Cadiz subzone and the Straits subzone. The second interval, which includes the Huelva subzone, is given a value of 3 nautical miles. The third interval includes the Malaga and Almeria subzones and is assigned a value of 6 nautical miles as these are the subzones with the highest numbers of marinas and berths.

Finally, the weighting factor of the number of hotel beds by municipality is applied to take into account tourism and its importance for recreational activities in each of the zones. It can be seen that the Malaga subzone has the highest number of hotel beds by municipality, and the weighting factor used is therefore the maximum (4). To the contrary, the Straits and Huelva subzones have the fewest hotel beds, and so the minimum factor

(1) is applied.

The resulting strip for each zone represents the maritime space to be managed based on the importance of recreational activities in each. The results are as follows:

- The one-and-a-half nautical mile zoning area corresponds to the Straits subzone where there are fewer recreational activities present than in the other areas. The management strip for this subzone therefore does not extend much further than the internal waters.
- The three nautical miles zoning area corresponds to the Huelva subzone. In this subzone there are considerable numbers of marinas and berths; nevertheless, it is in fourth place as far as hotel beds by municipality is concerned, as a result of which a weighting factor of 1.35 has been applied.
- The four nautical miles zoning area corresponds to the Gulf of Cadiz subzone. This subzone has a high number of marinas and berths. As this area is in third place with regard to tourist development, a weighting factor of 2.6 has been applied.
- The twelve nautical miles zoning area corresponds to the Malaga and Almeria subzone. These subzones have strong links to tourist development and recreational activities. It is therefore in first position both for numbers of ports and berths, and number of tourist hotel beds and is given the maximum management zone strip width.

BASIC DATA

MANAGEMENT AREAS

Subzones	Number of marinas	Number of berths	Number of berths/ports	A = nm by number of berths/ports	Hotel beds	B = Weighting factor by number of hotel beds	Zoning nm = A x B
Huelva	6	1 782	297	3	24 447	1	3
Gulf of Cadiz	10	2 866	286	1.5	46 914	2.60	4
Straits	3	633	211	1.5	18 036	1	1.5
Malaga	10	3 822	382	6	113 226	6.27	12*
Almeria	8	3 648	456	6	59 567	3.30	12*

Governance

Legal framework	<ul style="list-style-type: none"> • Act No. 27/1992, of 24th November, on State Ports and Harbours and Merchant Navy • Integrated Management of Environmental Quality Act (GICA) • Act No. 41/2010, of 29th December, on protection of marine environment
Institutions	<ul style="list-style-type: none"> • Ministry of Agriculture, Fisheries and Food • Ministry of Culture • Andalusian Regional Ministry of Tourism, Trade and Sport • Andalusian Regional Ministry of Agriculture and Fisheries • The Andalusian Public Ports Agency
Instruments	

Observations

* A maximum of 12 nautical miles has been used for zoning as a result of which the product of A x B for the Malaga and Almeria subzones does not correspond to its real value.

