

# GREENPEACE

## Proposal for the creation of a marine reserve in the Corinthian Bay

For the protection of the Corinthian bay it is suggested that it be designated as a model marine reserve for Greece and the Mediterranean. The map shown below depicts the suggested areas and core zones that will be included in the marine reserve of the Corinthian bay.

### Map including the suggested marine reserves in the Corinthian Bay



The network that we are suggesting is based on proposals developed by the scientific team of the Aristotle University's biology department, fishing data, available information concerning the marine affluence of the Corinthian bay, and already existing proposals from other institutions concerning its protection, as analyzed in the previous chapter.

One basic step leading towards the protection of the fish stocks inside the enclosed bay is to end the use of fishing equipment utilized by the large scale fisheries (bottom trawlers and purse seiners), beach seiners and the uncontrollable sports fishing in all of the Corinthian bay.

Moreover, in the eastern and western section of the Corinthian bay, two core zones must be created in which no human interference will be allowed, including any form of fishing. These marine reserve cores will function as a "refuge" for the marine life and will protect the sensitive marine ecosystem. These areas are depicted with the number "1" on the map.

For the effective protection of the Corinthian bay, this area must cover at least 40% of its surface. Selection of the core zones was based on existing proposals for the protection of the Corinthian bay (from ACCOBAMS, the institute of cetacean research "Pelagos", and the National Center of Marine Research) and the presence of significant marine habitats.

For socioeconomic reasons, there must be a zone within the boundaries of the reserve which will cover approximately half the surface of the bay, in which small-scale, non-destructive fisheries are allowed, provided that they are sustainable, within ecological limits, and have been decided upon with the full participation of affected local communities. This area will enjoy the results of the spill-over effect due to the

recovery and increase of fish stocks within the core zones. The area is depicted in approximation with the number “2” on the map.

Finally, an affective marine reserve network in the Corinthian bay has no choice but to include the areas that have been stricken with decades of dumping of red mud from the AtE (Greek Aluminium Industry) meaning the bay of Antikyra and the deeper Corinthian bay. The area is depicted in approximation with the number “3” on the map.

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