

# **Measurement and Setting of Formal Coast Line (Mediterranean Sea)**

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## **ABSTRACT**

The length of coast line in along the Mediterranean Sea in Israel reaches 180 km's, including ports, marines, sites of energy infrastructure and other constructions. Some of the areas are closed and restricted due to security reasons. As a result, the total length of "open" coast line for the use of the public that is open for public access is less than 80 km'. Previous attempt to protect the coastal area had been proven inadequate. Public awareness and the activity of environmental NGO's led to the enactment of the "Law of Protection of the Coastal Areas-2004" (Here and after - "The Law") . One of the significant innovations of the law was the perception of a statutory Coast Line which was to be measured and declared by the Survey of Israel (SOI). The poster will present the principals of the law and the methods of the measurement involved in determining the Coastal Line (Mediterranean Sea). The measuring project included both in house and outsourcing activity and some methods of survey using GPS and Total Station tools. The implementation of the systems matched the nature and characteristics of the section of the coast which were defined in a preliminary study. The result was an Official Statutory Coast Line which was published as official records and in addition a more detailed Atlas. The whole project was fruitful and the experience gained was very useful during additional measurements which were carried on in Eilat.

## **CONTACTS**

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