

## INTEGRATED MANAGEMENT OF COASTAL AND MARINE ENVIRONMENTS

**PAULO ROBERTO CASTELLA**

Secret of Environment and Hidric Resources of Parana, Curitiba, Brazil

The State of Parana is located in the south region of Brazil; its coast has an extension of 98 kilometers, with geographic area of influence of 6.022,493 km<sup>2</sup>, with great estuaries, forming the bays of Antonina, Paranagua, Laranjeiras, Guaraqueçaba and Guaratuba. The Federal Constitution of 1988 considered the Brazilian Coastal Zone, a National Patrimony, and Federal Law 7,661 of 1988 instituted the National Plan for Coastal Management, considering that the coastal environments has a strategic importance in three main aspects: economic, ecological and socio-cultural. In 1998, this National Plan defined some basic principles: observance of the international commitments assumed by Brazil in this matter; not-subdivide of the natural unit of coastal ecosystems; the application of the "Precaution Principle"; the compromise and the cooperation between the federal, state and municipal spheres of government, and from them with the society. The objectives of them are: to promote the regulations for the use of the natural resources and the occupation of the coastal spaces; to establish a process of integrated management, in a decentralized and in a participative form; to incorporate the environmental concerns in the related politics. Additionally, it was established the attributions in the government levels, in the case of the Ministry of Environment is: to permanently follow and to evaluate the implementation of the National Plan for Coastal Management; to promote the inter-sectorial and inter-institutional cooperation with the existing agencies and; to propose general norms; to structuralize, to implement and to follow up the programs of monitoring and control. In addition to that, it defines the instruments such as the State Coastal Management Plan; the Environmental Monitoring of the Coastal Zone System; Coastal Ecologic and Economic Zoning. In Parana, the management started in 1980, where the Law for the protection of the natural resources and the order of the occupation in the coast is edited and diverse other legal rules had been elaborated, among one of them one regulates the activities and defines collegiate for its management - **ADVICE OF TERRITORIAL DEVELOPMENT OF THE PARANAENSE COAST**; currently there is a state law that officially institutes the **STATE PLAN FOR THE COASTAL MANAGEMENT**, defining the principles, objectives, the attributions and the instruments for its implementation. In this perspective of the integrated management of the coast and marine environments, it is in progress the marine zoning with the following objectives: to develop and to apply instruments to discipline the use of the estuary environments; to minimize real and potential conflicts of use of coastal resources and to promote the conservation of the marine natural patrimony.