



Turkish Integrated Coastal Zone Planning & Implementation of Common Indicators

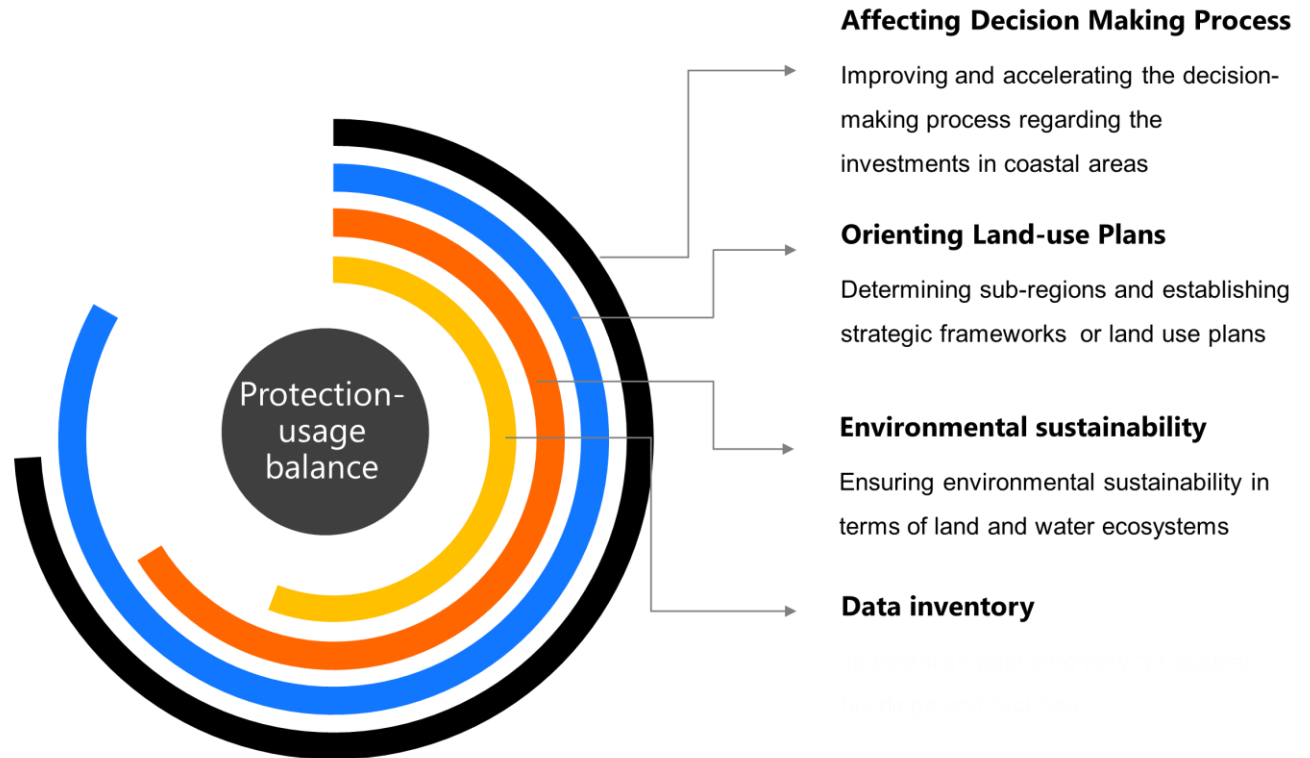
**Meeting of the CORMON on Coast and Hydrography
Rome, Italy, 21-22 May 2019**

TUTKU GÖKALP, CITY AND REGIONAL PLANNER,
MINISTRY OF ENVIRONMENT AND URBANIZATION

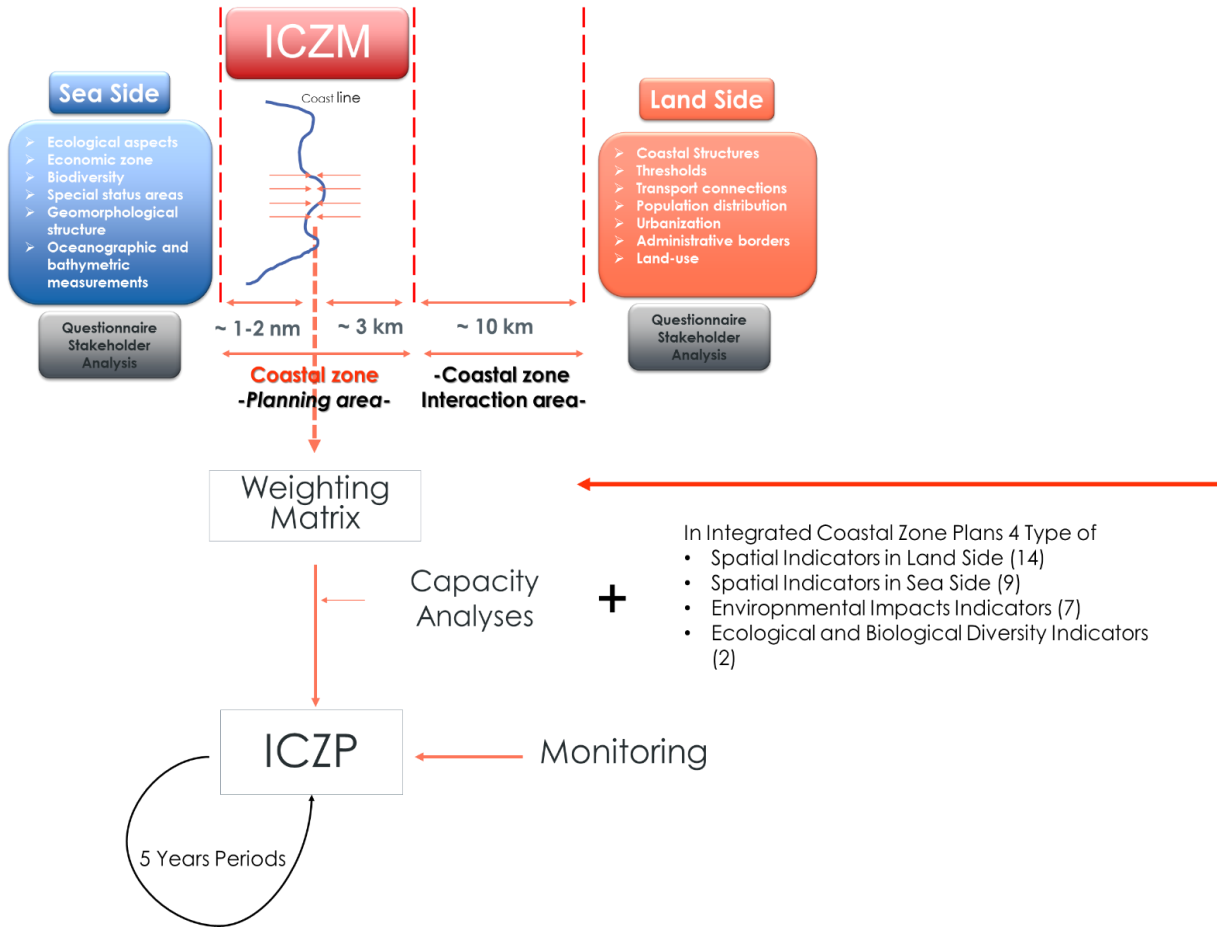
Integrated Coastal Zone Planning in Turkey

Integrated Coastal Zone Plan

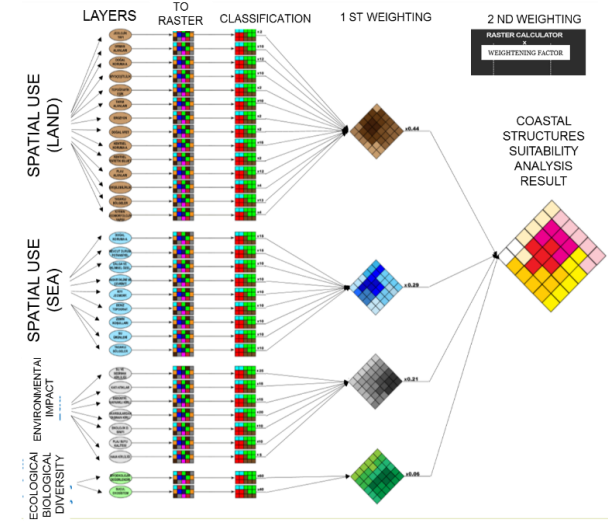
This is a **strategic plan** prepared with an integrative approach guiding all development/zoning plan decisions and **orienting spatial plans with** providing inputs for spatial strategy plans and territorial development plans.



The Planning Process



Data Weighting Matrix

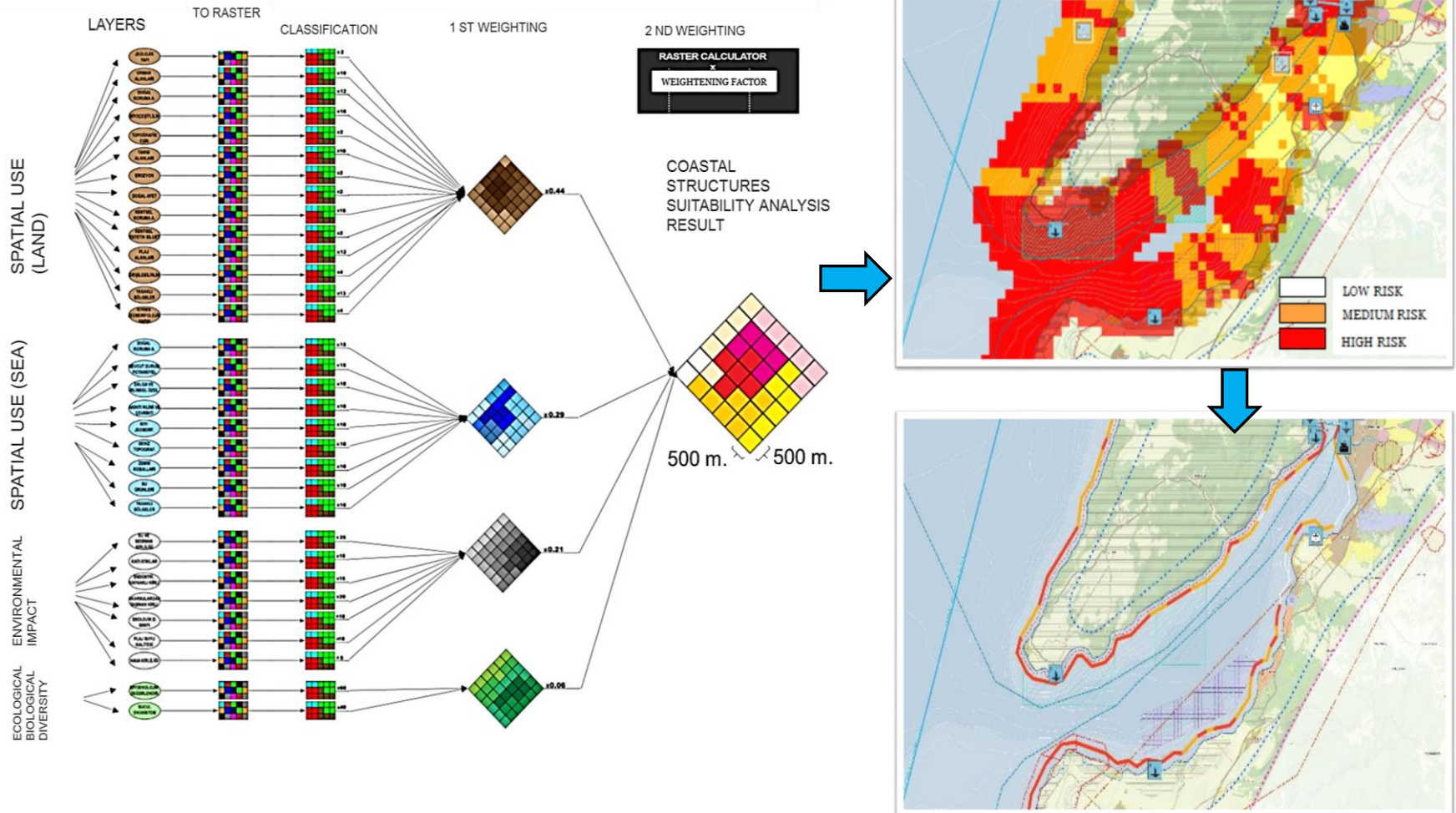


Indicators

Land side	Sea side	Environmental Impact Criteria	Ecological and Biological Diversity Criteria
Spatial land-use	Spatial features	Region-specific features	Region-specific features
<ul style="list-style-type: none">• Forestry• Natural reserve area• Biodiversity• Topographical thresholds• Agricultural land• Geological structure• Erosion• Natural disasters (Tsunami, climate change, flood, etc.)• Urban protection areas• Urban settlements• Beaches• Accessibility• Restricted area• Jeomorphological structure of the shore line	<ul style="list-style-type: none">• Current situation and need-demand analysis• Wave and climate features• Stream climate and cycling• Shore line jeomorphology• Sea topography• Seismicity• Seafood farming area• Restricted area• Natural reserve area	<ul style="list-style-type: none">• Water and sediment pollution• Solid Wastes• Industrial pollution• Pollution carried by rivers• Ecological status• Beach water quality• Air pollution	<ul style="list-style-type: none">• Bio-ecological assessment (endemic species, endangered species, etc)• Aquatic ecosystem (flora, fauna)• Land ecosystem (flora, fauna)



From Research to Plan





Thank you

Tutku GÖKALP, City and Regional Planner
General Directorate of Spatial Planning
Ministry of Environment and Urbanization, Turkey
E-mail: tutku.gokalp@csb.gov.tr

www.paprac.org