



The SAVEMEDCOASTS Project

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The SAVEMEDCOASTS Project (Sea Level Rise Scenarios along the Mediterranean Coasts), focuses on the Prevention Priority program of the European Commission ECHO A.5 “Civil protection policy, Prevention, Preparedness and Disaster Risk Reduction” and aims to respond to the need for people and assets prevention from natural disasters in Mediterranean coastal areas undergoing to increasing sea level rise and climate change impacts. The goals of the project are: i) to support civil protection at different levels and with different tools and methods to produce exhaustive risk assessments for different periods; ii) to improve governance and raise community awareness towards the impacts of sea level rise and related hazard; iii) to foster the cooperation amongst science, affected communities and civil protection organizations within and between targeted Mediterranean areas. Advanced methods are implied to develop multi-hazard assessments and existing databases for low-lying coastal areas already below or at less than 1 m above sea level, characterized by high economic and environmental value. The effects of sea level rise are assessed by mapping the multi-temporal scenarios of the inland extension of marine flooding and coastline position up to 2100, also temporarily increased during storms or tsunamis. They will result from i) the best available high resolution Digital Terrain Models (DTM); ii) known rates of land subsidence and iii) local sea level rise estimates. Finally, information is transferred to society, policy makers and stakeholders through an open web platform populated with collected information, videos and photo galleries, project results and guidelines. Here we show the strategy and goals of the SAVEMEDCOASTS Project.