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| Abbreviation | • CORI |
| Project Title | • Coastal Risk , Prevention and Management of Sea Originated Risks to the Coastal Zone |
| Operational Programme | • INTERREG III B - ARCHIMED |
| Budget of Project | • 870,000,00 € |
| Budget of Regional Development Funds of North Aegean | • 60.000,00 € |
| Beginning / Expiry | • 6/2006 - 11/2008 |
| Partners | <ul style="list-style-type: none"> • University of the Aegean (Lead Partner) • North Aegean Region • Hellenic Centre for Marine Research • Aristotle University of Thessaloniki • Oceanography Centre - University Cyprus (Cyprus) • National inter-university consortium for marine sciences-Iru Napoli Parthenope (Italy) |
| Subject Short Description | <ul style="list-style-type: none"> • Environment <p>The project CORI aims to provide tools for the confrontation and the management emanating from the marine environment of threats of the coastal area. The project is consisting of the below :</p> <ul style="list-style-type: none"> • recognition and mapping tsunami and the other extreme marine dangers that threaten the Eastern coasts of Mediterranean • development of tools and methods for the management and the minimization of effect which incidents of pollution can have in the coastal area • development and application of pilot drawing for the prevention and confrontation of coastal pollution by marine accidents <p>The basic energies, results and conclusions of the project are :</p> <ul style="list-style-type: none"> • application of higher level numerical models of tsunami genesis and appointment of potential sources of creation tsunami. Recognition and mapping (with use of GSP) of dangerous tsunamis for the coasts of Eastern basin of Mediterranean. Action for briefing and vigilance of the public from the dangers emanating from tsunamis <ul style="list-style-type: none"> • assessment of threats from extreme changes of sea level in coastal regions taking into consideration the potential synergy of storms, marine turmoil, extreme wave conditions, long-term elevation of level of sea and erosion of coasts. Recognition and mapping (with use of GSP) of the extreme elevation of sea level for the coasts of the Eastern Mediterranean. Actions for education and briefing of the public aiming at the confrontation of plimmyrikon phenomena from the rise of the sea level <ul style="list-style-type: none"> • estimate of dissemination and eve of marine pollution owed: in oil slicks - chemical, microbial, even in radioactive marine incidents. Development of methods and tools for the management of situations of coastal pollution including action of minimization of economic and social effects from the pollution for the coasts and the bathers <ul style="list-style-type: none"> • development and application of pilot program for the deterrence and confrontation of marine incidents that pollutes the coastal area. In this are included the installation of a surface RADAR of high frequency of localization of undulations and the development and the control of methodologies, the results of which will be used for the confrontation and prevention of incidents of marine pollution. |



Deliverables

- Recognition and mapping tsunami and other extreme marine dangers in the Eastern coasts of Mediterranean
- Booklet of briefing of citizens of in the event of a tsunami incident
- Creation of extraordinary operational frame of action
- Digital Maps of Backgrounds of Sensitivity of coastal regions in the North Aegean Region
- Study: Tsunami Risks to the coastal zone
- Study: Production of inundation maps of selected high risk areas
- Study: Development of an advection-diffusion numerical model for marine pollutant dispersion