

Land cover and sea visibility in western Liguria. Using GIS to build coastal knowledge

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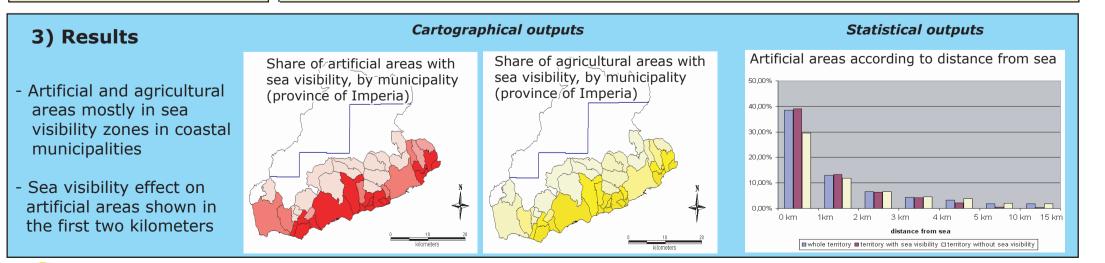
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1) Does coastal land use depend on sea visibility? - A 30-km-wide region between mountains and sea - Population mainly concentrated near the coast Use of a Geographical - A land use which evolved differently in Information System in coastal zones than in inland zones order to measure the impact of sea visibility - Landscape requalification : a stake for promoting tourism on coastal land use Sanremo 2) Data processing Geotreatments Initial database Digital terrain Sea visibility model From the initial database: - New land use map created using corine land cover classification: allows comparison with other territories in Europe - Map of land use in sea visibility areas - Buffer analysis: parameter of distance from sea taken into account Land use (italian Land use (corine Land use in areas classification) classification) offering sea visibility Land use in sea visibility areas, regarding distance to sea Provinces Buffers around the **Municipalities** coastline





ECO-IMAGINE European Conferences and forum for Integrated MAnagement and Geo-INformation rEsearch. Cork, 13th - 17th June 2006 Special thanks to Regione Liguria for providing data