



COSTA I Med Adriatic WEBGIS METADATA

DATASET	CONTENTS	SPATIAL ENTITY	SOURCE	URL
[C1] Study Area	Boundary of the Northern Study Area: Silvi-Pineto	Vector (Polygon)	Prin Costamed Project	https://costamed.uniroma3.it/
[C2] Study Area	Boundary of the Southern Study Area: Fossacesia-Vasto	Vector (Polygon)	Prin Costamed Project	https://costamed.uniroma3.it/
HERITAGE				
Adriatic Cycle Route	The BI-6 cycle path of national interest runs along the entire Adriatic coast. The "Costa dei Trabocchi" greenway section corresponds to the section that passes through context 2 (C2) and is built on the former Adriatic railway line between Ortona and Vasto. It is equipped with bike stations, parking, and rental points.	Vector (Line)	Agenzia per la Coesione Territoriale / Prin Costamed Project	https://www.agenziacoesione.gov.it/wp-content/uploads/2021/07/Report_Trabocchi_via_verde_2020.pdf ; https://costamed.uniroma3.it/
Aquaculture	Offshore aquaculture and shellfish farming facilities, mapped using data from the AnCoRa Project (Regione Abruzzo - University of L'Aquila, 2017)	Vector (Point)	Progetto AnCoRa - Regione Abruzzo / DICEAA Univ. L'Aquila (2017)	https://www.regione.abruzzo.it/content/analisi-e-documenti-propedeutici
Bicycle parking	Bicycle parking facilities along the coastal cycle route system, supporting sustainable mobility infrastructure	Vector (Point)	Prin Costamed Project	https://costamed.uniroma3.it/
Bicycle rental	Bicycle rental points distributed along the Adriatic cycle route and coastal areas, promoting active mobility	Vector (Point)	Prin Costamed Project	https://costamed.uniroma3.it/
Buildings of historical interest	Historic buildings including noble villas and residences from late 19th-early 20th century, mapped from Regione Abruzzo knowledge system	Vector (Point)	Sistema delle Conoscenze Condivise - Regione Abruzzo	https://www.regione.abruzzo.it/content/sistema-delle-conoscenze
Lighthouses	Maritime lighthouses representing infrastructural heritage along the Adriatic coast, georeferenced from IGM-DBSN database	Vector (Point)	IGM - Database di Sintesi Nazionale (DBSN)	https://www.igmi.org
Natura 2000 sites	Sites of Community Importance (SCI) and Special Conservation Zones (ZSC) under Habitat Directive 92/43/EEC, including marine and terrestrial protected areas	Vector (Polygon)	ISPRA / Ministero dell'Ambiente / Direttiva Habitat 92/43/CEE	https://www.isprambiente.gov.it
Nature reserves	Regional natural reserves including Grotta delle Farfalle (510 ha), Lecceta di Torino di Sangro (165 ha), and Punta Aderci (285 ha)	Vector (Polygon)	Regione Abruzzo / ISPRA / Ministero dell'Ambiente	https://www.isprambiente.gov.it
Offshore platforms	Offshore oil and natural gas extraction platforms georeferenced through coordinates from UNMIG (National Mining Office for Hydrocarbons and Georesources)	Vector (Point)	UNMIG - Ministero dell'Ambiente e Sicurezza Energetica	https://unmig.mase.gov.it
Religious buildings	Religious architectures including churches, sanctuaries and pilgrimage sites, mapped from Regione Abruzzo cultural heritage database	Vector (Point)	Sistema delle Conoscenze Condivise - Regione Abruzzo	https://www.regione.abruzzo.it/content/sistema-delle-conoscenze
Secondary cycle paths	Secondary cycle routes connecting to the main Adriatic cycle route, forming an integrated slow mobility network	Vector (Line)	Agenzia per la Coesione Territoriale / Prin Costamed Project	https://www.agenziacoesione.gov.it/wp-content/uploads/2021/07/Report_Trabocchi_via_verde_2020.pdf ; https://costamed.uniroma3.it/
Towers	Coastal defensive towers from viceregal period (16th century), including Torre del Cerrano (1568, mapped from IGM-DBSN and regional databases)	Vector (Point)	Sistema delle Conoscenze Condivise - Regione Abruzzo / IGM-DBSN	https://www.regione.abruzzo.it/content/sistema-delle-conoscenze ; https://unmig.mase.gov.it
Trabocchi	Traditional wooden fishing platforms on stilts, characteristic vernacular architecture of the Adriatic coast, georeferenced from Regione Abruzzo knowledge system	Vector (Point)	Sistema delle Conoscenze Condivise - Regione Abruzzo	https://www.regione.abruzzo.it/content/sistema-delle-conoscenze
View point	Panoramic viewpoints providing coastal access and landscape appreciation along the cycle route system	Vector (Point)	Prin Costamed Project	https://costamed.uniroma3.it/
Waterways	Main rivers (Vomano, Sangro, Sinello, Saline) and minor drainage channels, representing ecological corridors and hydrological infrastructure	Vector (Line)	Carta Tecnica Regionale Abruzzo (CTR 2005)	https://opendata.regione.abruzzo.it/content/ctrn-regione-abruzzo-scala-15000-edizione-2001-05-formato-dxf
VULNERABILITY				
Integrated Multi-Variable Risk Map	Multi-variable risk assessment combining physical and social variables (surface temperature, vegetation cover, hydrogeological risk, demographic vulnerability) on 30m hexagonal grid	Vector (Polygon)	Prin Costamed Project	https://costamed.uniroma3.it/
MRT - Mean Radiant Temperature	Mean radiant temperature maps for 2021, 2050, 2080 scenarios calculated with UMEP plugin, showing thermal radiative conditions in urban contexts	Raster (10x10 m)	Prin Costamed Project	https://costamed.uniroma3.it/
Tourist pressure index	Spatial index measuring tourist pressure and seasonal impacts on coastal heritage and protected areas	Vector (Polygon)	ISTAT / dataset "Tourist pressure index of coastal municipalities (Italy)" published via SID - Il portale del mare (MIT)	https://sid.mit.gov.it/mappa
UTCI - Universal thermal climate index	Universal Thermal Climate Index for 2021, 2050, 2080 scenarios, assessing outdoor thermal comfort based on air temperature, humidity, wind speed and mean radiant temperature	Raster (10x10 m)	Prin Costamed Project	https://costamed.uniroma3.it/