

17.00 MULTI-DISCIPLINARY APPROACH TO CHARACTERIZE ONE
TRANSGRESSIVE DEPOSIT IN THE NORTHERN ADRIATIC SEA
Moscon G et al.

17.15 Poster session

Berden Zrimec M., Poklar M., Moškon S.: UNDERWATER HABITAT MAPPING USING REMOTE SENSING
TECHNIQUES

Busetti A., Furlani S., Antonioli F., Lo Presti V., Biolchi S., Zavagno E., Torricella F., Venturini E., Donati S.: GE
OSWIM3.0 AT EGADI ISLANDS (SICILY, ITALY): RESULTS FROM 70 KM OF SWIM SURVEYING

Cirilli S., Gordini E., Petronio L., Ferneti M., Piscanc J., Cotterle D., Baradello L., Torlo E.: HIGH
RESOLUTION INTEGRATED SURVEYS FOR THE STUDYING OF SEDIMENTARY STRUCTURES IN
MARINE ENVIRONMENTS: "IL DOSSO DI S. CROCE"

Dal Bo E., Furlani S., Antonioli F., Antonioli M., Anzidei M., Bellotto M., Vaccher V., Canziani F., Gauci R.,
Schembri J.: THE USE OF ROUGH BATHYMETRIC PROFILES FOR THE GEOMORPHOLOGICAL
CLASSIFICATION OF SUBMERGED ROCKY COASTS: THREE CASE STUDIES (NORTHERN SARDINIA,
NE MALTA, EASTERN ISTRIAN COAST)

Dalal N., Torab M.: UNDERWATER GEOMORPHOLOGICAL MAP OF MEGA BOULDERS ON ALAM EL
RUM, NW COAST OF EGYPT.

Donadio C., Pennetta M., Stanislao C.: GEOARCHEOLOGICAL AND GEOMORPHOLOGICAL EVIDENCES
OF RECENT GROUND VERTICAL MOVEMENTS ALONG THE COAST OF CAMPANIA, SOUTHERN
ITALY

Nour N., Torab M.: SUBMERGED COASTAL KARST LANDFORMS IN RAS EL-HEKMA, NW COAST OF
EGYPT

Primoz V.: AN ANCIENT ROMAN ROAD OR JUST ANOTHER FLYSCH OUTCROP?

Rende F., Bacci T., Gennaro P., Penna M., Trabucco B., Cicero A.: OVERVIEW OF THE OPTICAL 3D
MODELING APPLICATIONS FOR RECONSTRUCTION SHALLOW WATER HABITAT

Rende F., Dattola L., Corigliano C., Oranges T., Cozza R., Bitonti B., De Rosa R.: OPTICAL 3D MODELING
APPLICATIONS FOR RECONSTRUCTION SHALLOW WATER HABITAT

Rizzetto F., Campiani E., Grande V., Kruss A., Leidi E., Madricardo F., Maselli V., Pellegrini C., Sarretta A.:
GEOMORPHOLOGICAL INVESTIGATIONS ON PRESENT TIDAL CHANNELS: CASE STUDIES FROM
THE NORTHERN VENICE LAGOON (ITALY)

Saleem A.: A RAISED MARINE SURFACE CORRELATED TO MARINE ISOTOPE STAGE (MIS7) IN THE
NW MEDITERRANEAN COAST OF EGYPT

Torab M., Moustafa S.: GEOMORPHOLOGY AND GEOARCHAEOLOGY OF HERMAEA ANCIENT
HARBOUR, NW COAST OF EGYPT

Travan G., Morelli D., Furlani S., Passaro S., Ferranti L., Pepe F.: MORPHOBATHYMETRIC ARRANGEMENT
AND RECENT TECTONIC OF THE GULF OF PATTI FROM NEW OCEANOGRAPHIC SURVEYS

Trobec A., Vrabec M., Busetti M., Zgur F., Baradello L., Babich A., Cova A., Gordini E., Romeo R., Tomini I.:
THICKNESS OF MARINE HOLOCENE SEDIMENT IN THE GULF OF TRIESTE

Zampa L., Busetti M., Furlani S., Baradello L., Romeo R.: EVIDENCE OF NEO-TECTONIC TILTING IN THE
GULF OF TRIESTE

Zecchin M., Ceramicola S., Lodolo E., Casalbore D., Chiocci F.L.: EVIDENCE OF RAPID SEA-LEVEL CHAN
GES ON THE CENTRAL MEDITERRANEAN SHELVES AFTER THE LAST GLACIAL MAXIMUM



Tuesday 13 October

- 8.30 Registration
- 9.00 Opening of the Conference
- 9.15 The history of GeoSUB & Projection of the movie “Palinuro 1994”
Antonioli F, Ferranti L
- 09.45 In memory of Paolo Colantoni - Taviani M
- 10.00 Presentation of GeoSUB 2015
- 10.15 Coffee break
- Session I: Paleogeographical reconstructions and coastal monitoring using remote survey solutions (AUV/UAV)**
- Convener: Scicchitano G, Casella E*
- 10.45 ULTRA HIGH RESOLUTION DEM FROM THE INTEGRATION OF AERIAL AND MULTIBEAM SURVEYS: THE CASE OF LIPARI AND THE MULTITEMPORAL MAPS OF SEA LEVEL FLOODING FOR 2100 - Anzidei M et al.
- 11.00 A COMBINED REMOTE SENSING APPROACH IN COASTAL ZONE: LASER SCANNER SURVEY AND AUV ECOMAPPER MONITORING IN ACI CASTELLO (CATANIA, SICILY) - Feo R et al.
- 11.15 AUTONOMOUS UNDERWATER VEHICLES: SOME TUSCAN EXPERIENCES - Allotta B et al.
- 11.30 NEMO AND FEELHIPPO: LOW-COST UNMANNED UNDERWATER VEHICLES - Allotta B et al.

- 14.15 SUBMERGED ARCHAEOLOGICAL AND GEOMORPHOLOGICAL EVIDENCE OF THE HOLOCENE SEA LEVEL CHANGE IN RAS EL HEKMA COASTLINE, NW COAST OF EGYPT - Torab M et al.
- 14.30 EVIDENCE OF CONTINUOUS LAND SUBSIDENCE AT LIPARI ISLAND (AEOLIAN ISLANDS) FROM THE SUBMERGED ROMAN AGE PIER AT MARINA LUNGA - Anzidei M et al.
- 14.45 A SUBMERGED MESOLITHIC SETTLEMENT DISCOVERED IN THE SICILIAN CHANNEL - Lodolo E et al.
- 15.00 NEW ARCHAEOLOGICAL EVIDENCES OF RELATIVE SEA LEVEL CHANGES ALONG THE COASTLINES OF APULIA (SOUTHERN ITALY) - Mastronuzzi G et al.
- 15.15 Coffee break
- Session VII: Ancient and modern tidal channels: morphology and evolution**
- Convener: Rizzetto F*
- 15.45 EVOLUTION OF TIDAL CHANNEL MORPHOLOGY OVER THE PAST CENTURIES: EVIDENCES FROM THE HISTORICAL MAPS OF THE “COMITATO TALASSOGRAFICO ITALIANO” AND THE “ISTITUTO DI STUDI ADRIATICI OF VENICE” - Parente L et al.
- 16.00 STUDY OF TIDAL CHANNEL AND PALAOCHANNEL MORPHOLOGY WITH UNDERWATER ACOUSTICS AND GROUND TRUTH SAMPLES - Madricardo F
- 16.15 MIGRATION RATES OF TIDAL MEANDERS IN THE VENICE LAGOON - Finotello A et al.
- 16.30 STRATAL ARCHITECTURE AND FLOW DISTRIBUTION IN A TRANSLATING TIDAL POINT BAR, NORTHERN VENICE LAGOON (ITALY) - Ghinassi M et al.
- 16.45 SEDIMENTARY FEATURES OF AN EXPANSIONAL TIDAL POINTBAR IN THE NORTHERN VENICE LAGOON (ITALY) Brivio L et al.

10.00	SPELEODIVING IN THE MEDITERRANEAN AREA Casati L (invited)	11.45	THE USE OF SMALL RPAS FOR THE HIGH RESOLUTION MAP PING OF THE MEDITERRANEAN INTERTIDAL VERMETID REEFS D'Argenio A et al.
10.30	TIMAVO SYSTEM EXPLORATION - Luchesi P, Zini L		
10.45	Coffee break	12.00	Lunch
11.15	UNDERWATER GEOLOGICAL SURVEY IN THE SURROUNDINGS OF THE CICLOPI ISLANDS, ACITREZZA, CATANIA (ITALY) Cavallaro D et al.		
11.30	CHARACTERIZATION OF MEDITERRANEAN MONK SEAL (MONACHUS MONACHUS) BONES IN BEL TORRENTE CAVE (SARDINIA, ITALY) - Mo G et al.		Session II: Underwater habitat mapping <i>Convener: Bianchi CN, Rovere A, Taviani M</i>
11.45	THE ENVIRONMENTAL CHARACTERIZATION IN BUE MARINO CAVE (SARDINIA, ITALY) USING BENTHIC FORAMINIFERA Bergamin L et al.	13.30	UNDERWATER IMAGERY AS A COMPLEMENTARY TOOL IN BENTHIC HABITATS DESCRIPTION - Foveau A et al.
12.00	THE ENVIRONMENTAL CHARACTERIZATION IN BEL TORRENTE CAVE (SARDINIA, ITALY) USING BENTHIC FORAMINIFERA - Romano E et al.	13.45	POSIDONIA OCEANICA AND REFERENCE CONDITIONS: APPLICATION OF AN INNOVATIVE MODELING APPROACH Misson G et al.
12.15	IMPORTANCE OF IN SITU OBSERVATION IN UNDERSTANDING THE ECOLOGY OF MARINE CAVES (EASTERN ADRIATIC COAST) Petricioli D et al.	14.00	THE SHALLOW-WATER BIO-CONCRETIONNED HABITAT OFF PLAKATA CAPE, BULGARIA (BLACK SEA) - Micu D et al.
12.30	EXPLORATION AND ROUGH SURVEY OF THE CRITICAL ISSUES OF THE SUBMERGED PART OF THE DAM IN FRONT OF THE OLD PORT IN TRIESTE - Torlo E et al.	14.15	NEW INSIGHT IN UNDERSTANDING THE FORMATION OF NORTH ADRIATIC BIOGENIC HARD BOTTOMS (TEGNÛE) Taviani M et al.
12.45	Lunch	14.30	BEDROCK TYPE AND OCCURRENCE OF PATELLA FERRUGINEA: THREE CASE STUDIES IN NORTH SARDINIA - De Sabata E et al.
	Session VI: Maritime archaeology and sea level changes <i>Convener: Auriemma R, Anzidei M</i>	14.45	“HABITAT MAPPING” GEODATABASE, AN INTEGRATED INTERDISCIPLINARY AND MULTI-SCALE APPROACH FOR DATA MANAGEMENT - Grande V et al.
14.00	THE ARCHAEOLOGICAL EVIDENCE OF SEA LEVEL CHANGE IN THE MEDITERRANEAN: GUIDELINES AND SOME CASE STUDIES Anzidei M et al.	15.00	GEOHAB MAPPING ON SOUTH WESTERN SARDINIA CONTINENTAL SHELF (S. PIETRO ISLAND) - Orrù P et al.
		15.15	SCUBA TO ROV VISUAL GROUNDTRUTHING AND HABITAT MAPPING: MEDITERRANEAN AND BLACK SEAS EXAMPLES Angeletti L et al.

15.30

Coffee break

Session III: Relative sea-level changes in the coastal and underwater area based on geomorphological, sedimentological and biological markers

Convener: Antonioli F, Ferranti L, Montagna P

16.00

THE USE OF SPELEOTHEMS AS SEA-LEVEL MARKERS
Antonioli F et al.

16.15

VERY-HIGH RESOLUTION SEISMO-ACOUSTIC AND MORPHOLOGIC INVESTIGATIONS OF A HOLOCENE TRANSGRESSIVE SYSTEM IN THE OFFSHORE OF COMACCHIO (NW ADRIATIC SHELF) - Ronchi L et al.

16.30

SWIM-SURVEY OF THE ROCKY COASTS OF TINDARY PROMONTORY (SICILY) - Scicchitano G et al.

16.45

WHEN THE LIZARD BECAME BLUE? A PREDICTION OF SEA-LEVEL CHANGE ON SEA FLOODED ISLANDS BASED ON INTEGRATED DNA SEQUENCE AND MORPHOBATHYMETRIC DATA - Ferranti L et al.

17.00

LATE PLEISTOCENE MORPHOTECTONIC EVOLUTION OF THE RIVIERA DI ULISSE BETWEEN MONTE DI SCAURI AND GAETA, CENTRAL ITALY - Putignano ML et al.

17.15

THE COLONIZATION OF SARDINIA BY ANATOMICALLY MODERN HUMANS - Antonioli F et al.

17.30

SWIM-SURVEY OF THE ROCKY COASTS OF USTICA ISLAND (SICILY) - Foresta Martin F et al.

17.45

EARLY HOLOCENE MARINE DROWNING OF THE „KARST LAKE“ PIROVAC BAY (COAST OF DALMATIA, CROATIA) - Brunovic D et al

18.00

TWO MILLENNIA RELATIVE SEA-LEVEL CHANGE AND CLIMATE CHANGE IN THE NORTHERN ADRIATIC BASED ON ALGAL RIMS
Faivre S et al.

18.15

LATE QUATERNARY EVOLUTION OF THE EASTERN SECTOR OF THE GULF OF TRIESTE (NE ADRIATIC SEA) - Busetti M et al.

18.30

LOST LAKE LANDSCAPES OF THE EASTERN ADRIATIC SHELF (LOLADRIA) - Miko S et al.

Wednesday 14 October

Session IV: Submarine and coastal morphodynamics: new legends and thematic mapping

Convener: Mastronuzzi G, Furlani S, Orrù P, Fontolan G, Gauci R

8.45

ANALYSIS OF THE MORPHODYNAMIC EVOLUTION OF A SALT-MARSH SYSTEM IN THE LAST 1000 YEARS: INSIGHTS FROM THE SOUTHERN VENICE LAGOON - Roner M et al.

9.00

SUBMERGED LANDSLIDES ALONG THE NW COAST OF MALTA AND THE RELATIONSHIP WITH TERRESTRIAL LANDFORMS
Devoto S et al.

9.15

THE GEOMORPHOLOGICAL MAP OF THE ITALIAN COASTS: FROM A DESCRIPTIVE TO A MORPHODYNAMIC APPROACH
Mastronuzzi G et al.

9.30

PAST AND PRESENT EVOLUTION OF THE COAST LINE ALONG THE CHANNEL IN THE REGION OF SAINT MALO: A MAN-MADE NATURAL COAST - Mahmoud H et al.

9.45

SWIM SURVEYING AND ROCKY COASTS: THE GEOSWIM PROJECT FOR ROCKY COAST MAPPING - Furlani S et al.

Session V: Challenges in diving and cave diving: exploration and research

Convener: Casati L, Fabbricatore A, Furlani S