

Agenda of International Conference
on
New Technologies, Hazards and Geoarchaeology

Paolo Pirazzoli in memoriam

Athens, 3rd of November 2017



Venue: Kostis Palamas Building / 48, Akadimias str. & Sina str., Athens

Dates: 03 November 2017

ORGANISERS:

McAgenda Erasmus+ Project



Hellenic Committee for Geomorphology and Environment



ORGANIZING COMMITTEE:

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Faculty of Geology and Geoenvironment, National & Kapodistrian University of Athens. President of the Greek Committee of Geomorphology and Environment

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SCIENTIFIC COMMITTEE:

Dr. Niki Evelpidou, Dr. Christophe Morhange, Dr. Furlani Stefano, Dr. David Kaniewski, Dr. Efthymis Lekkas, Dr. Giovanni Scicchitano, Dr. Kalliopi Baika, Dr. Vasileios Kapsimalis, Dr. Konstantinos Vouvalidis, Dr. Leonidas Stamatopoulos, Dr. Konstantinos Albanakis, Dr. Matteo Vacchi, Dr. Karkani Anna, MSc Vasileios Kotinas, MSc Alexandra Bivolaru, MSc Spiridon Mavroulis, BSc Marianna Gatou.

CONFERENCE PROGRAM

Friday, 3rd November

Athens, Kostis Palamas Building

8:00-9:00: Registration

09:00-09:30: Welcoming Addresses

09:30-09:45:

Erasmus+ and opportunities in higher education
Mavrogiorgou E.

09:45-10:15:

McAgenda Erasmus+ experience: from past to future
Evelpidou N., Kotinas V., Morhange C., Furlani S.

10:15-10:30:

McAgenda Students experience from McAgenda

SESSION 1: New Technologies in Coastal Research

Chairs: Dr. Stefano Furlani, Dr. Giovanni Scicchitano, MSc Vasileios Kotinas

10:30-10:45:

Cosmic ray physics meets geology to monitor geohazards in the Aegean:
Muon Radiography of critical volcanoes
Athanassas C.D., Kitsaki Ch., Alexopoulos Th., Gika V., Maltezos S.

10:45-11:00:

3D Documentation of Keros' island excavations
Patias P., Georgoula O., Georgiadis Ch., Stamnas A., Tassopoulou M.

11:00-11:15:

UAV survey as a tool for coastal boulder movements monitoring: Case studies in Ionian and Adriatic Sea
Biolchi S., Furlani S., Scicchitano G., Tarascio S., Devoto S., Mazza G.

11:15-11:30:

A multidisciplinary study of a sinkhole along the southern marble coast of the island of Paros (Greece)
Furlani S., Antonioli F., Anzidei M., Biolchi S., Canziani F., De Sabata, E., Iossifidis T., Kolaiti E., Markovic M., Marino C., Scicchitano G., Taviani M., Vaccher V.

11:15-11:30:

Discussion

11:30-12:00: Coffee break

SESSION 2: Maritime and Coastal Geoarchaeology

Chairs: Dr. Kalliopi Baika, Dr. Vasileios Kapsimalis, MSc Alexandra Bivolaru

12:00-12:15:

McAgenda Students experience from Maritime and Coastal Geoarchaeology training schools

12:15-12:30:

Geoarchaeology of Halmyris Roman Harbour (Dobrogea, Danube delta, Romania)

Bivolaru M., Giaime M., Morhange C., Marriner N.

12:30-12:45:

Mid Holocene (6200-2200 BC) Dynamics of Eastern Arabian coast mangroves by multi-proxy analysis

Thorin S., Berger J.-F., Lopez-Saez J.A., Barra A., Marast A., Beauger A., Nisbet R., Charpentier V.

12:45-13:00:

The Israeli coastal wetlands – a unique environment for studying Holocene human settlement patterns for future archaeological prospections in the coastal zone

Sivan D., Shtienberg G.

13:00-13:15:

Was Navigable or not Neda River in Antiquity? A Geoarchaeological Approach

Panagiotakopoulou O., Kontopoulos N., Lambropoulos S., Koutsios A.

13:15-13:30:

Discussion

13:30-14:00: Light Lunch

SESSION 3: Relative sea-level changes in Geo-archaeological context

Chairs: Dr. Niki Evelpidou, Dr. Konstantinos Vouvalidis, Dr. Matteo Vacchi

14:00-14:15:

McAgenda Students experience from Quaternary GeoEnvironment -
ArchaeoGeomorphology ISP

14:15-14:30:

Low sea-level indications during Medieval period in Greece, compared to
the Israeli coastal records

Bechor B., Theodoulou T., Spada G., Dean S., Goren H., Sivan D.

14:30-14:45

Relative sea level change along the coast of Campi Flegrei (Naples Italy)
from submerged maritime archaeological indicators

Anzidei M., Lambeck K., Benini A., Ricciardi G.

14:45-15:00:

A new microfaunal sea-level indicator – transferable to ancient Ainos and
Kane (W-Turkey)?

*Seeliger M., Feuser S., Frenzel P., Pint A., Pirson F., Riedesel S., Bruckner
H.*

15:00-15:15:

Discussion

15:15-15:30: Coffee Break

SESSION 4: Palaeogeographical Reconstruction and Palaeo-Hazards

Chairs: Dr. Christophe Morhange, Dr. David Kaniewski, Dr. Anna Karkani

15:30-15:45:

Reconstruction of the Holocene palaeogeography of Bani Salama (Wadi El-Natrun, Egypt)

Eloshiby G.A., Flaux C., Ashour M., Marriner N., Morhange C.

15:45-16:00:

Coastal Constraints to a 18th century seismic disaster in Croatia

Stiros S.

16:00-16:15:

Multi-proxy analyses of geo-bio-archives – a key to reconstruct major environmental changes in the ancient city of Limyra in SW Turkey

Stock F., Symanczyk A., Pint A., Seyer M., Brückner H.

16:15-16:30:

Exploring the palaeohydrological effect of the Thera eruption

Theodorakopoulou K., Athanassas C.D., Alcicek M.C.

16:30-16:45:

Siltation, contamination, legislation – approaching the management of environmental and anthropogenic hazards in the antique harbor of Ephesos

Ephesos

Heiss A.G, Stock F., Bruckner H., Dsikowitzky L., Hassl A., Knipping M., Laermanns H., Pichler B., Pint A., Sauer R., Ladstatter S.

16:45-17:00:

Discussion

17:00-17:30: Coffee break

SESSION 5: Disaster and Crisis Management

Session Chairs: Dr. Efthymis Lekkas, MSc Spiridon Mavroulis

17:30-17:45:

McAgenda Students experience from Analysis and Management of Anthropogenic Natural Hazards and Disasters

17:45-18:00:

Tsunami Risk Assessment in terms of building economic losses using G.I.S. Tools

Triantafyllou I., Novikova T., Papadopoulos G.A., Santos A.

18:00-18:15:

Damage Assessment Mapping with the use of UAS: The Case of Vrissa Settlement after the June 12, 2017 Mw 6.3 Lesvos Earthquake (Northeastern Aegean Sea)

Mavroulis S., Spyrou N.-I., Andreadakis E., Antoniou V., Skourtsos E., Lekkas E., Karydis P.

18:15-18:30:

Presentation and Dissemination of Scientific Information: The Case of the June 12, 2017 Mw 6.3 Lesvos Earthquake (Northeastern Aegean Sea)

Antoniou V., Mavroulis S., Spyrou N.-I., Bardouli P., Andreadakis E., Skourtsos E., Kavyris G., Sakkas V.

18:30-18:45:

Remote sensing and GIS tools to evaluate the 4th November 2015 flash flood disaster- case study in Wadi A-Natrun and Wadi Al-Farigh Depressions, Western Desert, Egypt

Saleem A., Eloshiby G.A.

Poster session

Using Remote Sensing tool to evaluate flash flood disasters in Egypt
Saleem A.

UAV survey for rock fall characterization in coastal climbing spots: the case study of the "Costiera" cliff (Trieste, NE Italy)
Biolchi S., Boccali C., Furlani S., Tarascio S., Zavagno E., Zini L.

The ancient harbors of cap Bon (Tunisia): geomorphology, climate context and recent discoveries
Trabelsi S., Mrabet A., Morhange C.

New geoarchaeological data regarding Istros (Danube delta, Romania) ancient harbour(s)
Bivolaru A., Bottez V., Morhange C.

Geology and geomorphology of Skyros Island coasts
Liosatou P.E.

Lagoonal archaeological settlements and relative sea level changes. New in Corsica and Sardinia
Vacchi M., Melis R.T, Di Rita F., Ghilardi M.

Sea-level change during MIS 5a based on exposed Coquina, Agiba region, Eastern Mediterranean Sea (Egypt)
Mahmoud A., Saleem A., Zakaria M.

Sinkhole Hazard in the Campanian plain (Southern Italy): The prehistoric case study of Fossa San Vito
Santo A., Santangelo N., De Falco M., Di Lorenzo H., Russo Ermolli E.

Morphometrical parameters of the fluvial islands in the Danube river channel (Romania) – Paleogeographical evolution
Greco F., Ioana-Toroimac G., Hachemi K.

Coastal Palaeogeography of Akrotiri Peninsula, Cyprus
Polidorou M., Evelpidou N.

Age evolution and geomorphic development of Akrotiri promontory Sand dunes, Cyprus
Polidorou M., Evelpidou N.

Beachrocks and relative sea level changes in Okinawa (Japan)

Kawasaki S., Evelpidou N., Economou G., Karkani A., Saitis I.

Palaeogeographic evolution of Paroikia Bay (Paros Island, Greece) during the Late Holocene

Karkani A., Evelpidou N., Giaime M., Marriner N., Maroukian H., Morhange C.

Geochemistry of beachrocks and their palaeoenvironmental significance: case study Central Cyclades (Aegean Sea)

Saitis I., Gatou M., Koutsopoulou E., Stamatakis M., Anastasatou M., Karkani A., Evelpidou N.

Geomorphological and Sedimentological Characteristics of the Submarine Section in Coastal Zone of Chania Gulf (Crete)

Petropoulos A., Evelpidou N., Kapsimalis V., Anagnostou Ch.

The Urban Geomorphology of New Suburbs, East of Great Cairo, Egypt

Saleem A.

Early warning intelligent system for road transportation risks in Romania

Dobre R., Teodor M., Ilie L., Savulescu I.

Using GIS techniques to create the restrictiveness map for establishing a highway development cost

Dobre R., Teodor M., Ilie L.

The optimization of the artificial snow system for Obarsia Lotrului ski area (Romania) by using fuzzy techniques

Ilie L., Comanescu L., Dobre R., Teodor M.

Creating an analysis model in order to identify solutions for sustainable development for Romanian ski areas

Teodor M., Dobre R., Ilie L.

Earthquake August 2013 at Regini Fthiotis: Damages and restoration course of the area seismic hazard assessment and preparation of the state mechanism

Delaportas G.

Natural hazards response: Data mining and online warning system for flooding prediction. An example from New York State

Kavaliros A.

The August 21, 2017 Mw 4.0 Ischia Earthquake: A Minor Event with High Intensities

Lekkas E., Mavroulis S., Carydis P.

Ground Thermal and Land Surface Temperature of the Volcanic Island Nea Kammeni (Santorini, Greece)

Bardouli P., Andreadakis E., Nomikou P.

Assessment and Exploitation of Methana Volcanic Peninsula Hiking Trails

Antonίου V., Nomikou P., Bardouli P., Lampridou D., Ioannou T.

