



## TMM\_CH International Scientific Committee

### President

---

**Moropoulou Antonia**, Head of the NTUA Interdisciplinary Team and **Chief Scientific Supervisor of the Holy Aedicule's rehabilitation of the Holy Sepulchre in Jerusalem**

### Chair

---

**NTUA Interdisciplinary Team scientific responsible for the Holy Aedicule's rehabilitation of the Holy Sepulchre**

**Korres Manolis**, Professor Emeritus, National Technical University of Athens, School of Architecture- Academy of Athens

**Georgopoulos Andreas**, Professor, National Technical University of Athens, School of Rural and Surveying Engineering

**Mouzakis Charis**, Associate Professor, National Technical University of Athens, School of Civil Engineering

**Spyrakos Constantine**, Professor, National Technical University of Athens, School of Civil Engineering

### EDICULA Erasmus+ Strategic Partnership

**Favero Gabriele**, Professor, **Sapienza University of Rome**, Master's Degree Programme, Science and Technologies for the Conservation of Cultural Heritage

**Turner Mike**, Professor, **Bezalel Academy of Arts and Design Jerusalem** - UNESCO Chair in Urban Design and Conservation Studies

**Baruch Yuval**, Dr Archaeologist, Israel Antiquities Authority, Archaeological Division, Head

### Co-editors of Publications' Special Issues

**Ioannidis Charalambos**, Professor, National Technical University of Athens, School of Rural, Surveying and Geoinformatics Engineering, Dean - NTUA Post-Graduate MSc Program "Protection of Monuments" Interdepartmental Committee member - TRIQUETRA coordinator

**Angelis Dimitris**, Professor, Free University of Brussels, Department of Mechanics of Materials and Constructions

**Betti Michele**, Associate Professor, University of Florence, Department of Civil and Environmental Engineering

**Della Torre Stefano**, Professor, Polytechnic University of Milan, Department of Architecture, Built Environment and Construction Engineering

**Doukas Haris**, Professor, National Technical University of Athens, School of Electrical and Computer Engineering - Mayor of Athens

**Kyriazis Demosthenes**, Associate Professor, University of Piraeus, Department of Digital Systems, School of Information and Communication Technologies - Vice Rector of Research and Lifelong Education



**Liritzis Ioannis**, f. Professor, University of the Aegean, Department of Mediterranean Studies, Laboratory of Archaeometry

**Osman Ahmad**, Professor, Saarland University of Applied Sciences - Fraunhofer Institute for Nondestructive Testing, IZFP

**Ronchi Alfredo**, Professor, Polytechnic University of Milan- **European Commission-** MEDICI Framework, General Secretary - European WG on “EU Directives and Cultural Heritage”, Secretary - OCCAM NGO at UNO International Centre, Head of the representative

**Zendri Elisabetta**, Professor, University Ca’ Foscari of Venice, Department of Environmental Sciences, Informatics and Statistics

**Doulamis Anastasios**, Associate Professor, National Technical University of Athens, School of Rural, Surveying and Geoinformatics Engineering

**Delegou Ekaterini**, Scientific and Teaching Staff, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering

**Konstanti Agoritsa**, Scientific and Teaching Staff, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering

**Lampropoulos Kyriakos**, Assistant Professor, National Technical University of Athens, School of Chemical Engineering

## Members

---

**Abuamoud Ismaiel Naser**, Assistant Professor, Hashemite University in Jordan, Queen Rania Faculty of Tourism and Heritage

**Achenza Maddalena**, Associate Professor, University of Cagliari, Department of Civil, Environmental and Architecture Engineering

**Adamakis Kostas**, Professor Emeritus, University of Thessaly, Department of Architecture Engineering

**Agapiou Athos**, Assistant Professor, Cyprus University of Technology, Department of Civil Engineering and Geomatics

**Aggelakopoulou Eleni**, Acropolis Restoration Service, Technical Office and Surface Conservation Laboratory, Head

**Akratos Christos**, Assistant Professor, Democritus University of Thrace, Department of Civil Engineering

**Alexandropoulou Aimilia**, Association of Greek Engineers of Urban Planning, Spatial Planning and Regional Development, President

**Alexopoulou Aleka**, Professor Emeritus, Aristotle University of Thessaloniki, School of Architecture

**Anagnostopoulou Vasiliki**, Civil Engineer, Scientific Committee of Civil Engineering Specialty, Supervisor

**Antoniou Eutuxia**, Scientific Committee for the Specialization in Urban and Regional Planning Engineering, member

**Apostolopoulou Maria Dr.**, Postdoctoral Researcher, National Technical University of Athens



**Argyropoulou Vasilike**, Professor, University of West Attica, Department of Conservation of Antiquities and Works of Art, CULTLAB and Master's Program in Conservation of Cultural Heritage, Director

**Asteris Panagiotis**, Professor, School of Pedagogical and Technological Education ASPETE, Department of Civil Engineering Educators

**Avdelidis Nikolaos**, Professor, Cranfield University, IVHM Centre, Head

**Bakolas Stelios**, Associate Professor, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering, Director - NTUA Post-Graduate MSc Program "Protection of Monuments" Direction "Materials and Conservation Interventions" Studies Director

**Balas Kostas**, Professor, Technical University of Crete, School of Electrical and Computer Engineering

**Barbagiannis Grigoris**, Scientific Committee for the Specialization in Electrical Engineering, Curator

**Bardakis Vasilis**, Hellenic Association of Civil Engineers, President

**Bazdanis George**, Scientific Committee for the Specialization in Mineral Resources Engineering, Curator

**Belavilas Nikos**, Professor, National Technical University of Athens, School of Architecture

**Bettega Stefano Maria**, Superior Institute of Artistic Industries ISIA

**Boniface Michael**, Professorial Fellow, University of Southampton, IT Innovation Centre, Technical Director

**Boudouvis Andreas**, Professor, National Technical University of Athens, School of Chemical Engineering, former Rector

**Bounia Alexandra**, Professor, University of the Aegean, Department of Cultural Technology and Communication

**Boutalis Ioannis**, Professor, Democritus University of Thrace, Department of Electrical and Computer Engineering

**Bozanis Panayiotis**, Professor, International Hellenic University, Department of Science and Technology

**Cassar JoAnn**, Professor, University of Malta, Faculty for the Built Environment

**Cassar May**, Professor, University College London, Institute for Sustainable Heritage, Director

**Castiglioni Carlo**, Professor, Polytechnic University of Milan, Department of Architecture, Built Environment and Construction Engineering

**Cavaleri Liborio**, Professor, University of Palermo, Department of Civil, Environmental, Aerospace and Materials Engineering

**Chamzas Christodoulos**, Professor Emeritus, Democritus University of Thrace, Department of Electrical and Computer Engineering

**Chiotinis Nikitas**, Professor Emeritus, University of West Attica, Department of Interior Architecture



**Chlouveraki Stefania**, Assistant Professor, University of West Attica, Department of Conservation of Antiquities and works of Art

**Christaras Basile**, Professor Emeritus, Aristotle University of Thessaloniki, Department of Geology

**Daflou Eleni**, Scientific and Teaching Staff, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering

**De Angelis Roberta**, Assistant Lecturer, University of Malta, Faculty for the Built Environment

**Demotikali Dimitra**, f. Professor, National Technical University of Athens, School of Chemical Engineering

**Diamantis Vasileios**, Scientific and Teaching Staff, Democritus University of Thrace – Panhellenic Association of Graduates in Environmental Engineering, President

**Diker Hasan Firat**, Fatih Sultan Mehmet Vakif University, Faculty of Architecture and Design, Professor

**Dimitrakopoulos Fotios**, Professor Emeritus, National and Kapodistrian University of Athens, Department of Philology - Byzantine, Post-Byzantine Literature and Paleography

**Dritsos Stefanos**, Professor Emeritus, University of Patras, Department of Civil Engineering

**Drosopoulos Georgios**, Lecturer, University of Central Lancashire, Civil Engineering

**Economou Dimitrios**, Professor, University of Thessaly, Department of Planning and Regional Development

**Efesiou Irene**, Professor Emeritus, National Technical University of Athens, School of Architecture - NTUA Post-Graduate MSc Program “Protection of Monuments” f. Director

**Efstathiou Anastasios**, Panhellenic Association of Certified Mechanical and Electrical Engineers (PACMEE), President

**Exadaktylos George**, Professor, National Technical University of Athens, School of Applied Mathematical and Physical Science

**Facorellis Yorgos**, Professor, University of West Attica, Department of Conservation of Antiquities and Works of Art

**Formisano Antonio**, Associate Professor, University of Naples “Federico II”, Department of Structures for Engineering and Architecture

**Fotinaki Xristina**, Scientific Committee for the Specialization in Electronic Engineering, Curator

**Foudos Ioannis**, Professor, University of Ioannina, Department of Computer Science and Engineering

**Frosina Annamaria**, Centre for Social and Economic Research in Southern Italy CRESM

**Fuhrmann Constanze**, Fraunhofer Institute for Computer Graphics Research IGD, Competence Center for Cultural Heritage Digitization

**Ganiatsas Vassilis**, Professor, National Technical University of Athens, School of Architecture

**Gavela Stamatia**, School of Pedagogical and Technological Education ASPETE

**Gerakakis Andreas**, Association of Greek Contracting Companies (SATE), President



**Ghadban Shadi Sami**, Associate Professor, Birzeit University, Department of Architectural Engineering

**Gharbi Mohamed**, Institute of Technological Studies of Bizerte, Department of Economics and Management Sciences, Director

**Gianniou Anna**, Association of Greek Engineers of Urban Planning, Spatial Planning & Regional Development, President

**Gorgias Aris**, Panhellenic Association of Chemical Engineers, President

**Gounaris Christos**, Scientific Committee for the Specialization of Agronomist Surveying Engineers, Curator

**Groag Shmuel**, Lecturer, Bezalel Academy of Arts and design Jerusalem

**Hadjinicolaou Teti**, International Council of Museums ICOM Hellenic National Committee, President

**Iadanza Ernesto**, Senior Assistant Professor, University of Siena, Department of Medical Biotechnologies

**Izzo Francesca Caterina**, Associate Professor, University Ca' Foscari of Venice, Department of Environmental Sciences, Informatics and Statistics

**Kalenderoglou Pavlos**, Hellenic Association of Production and Management Engineers, President

**Kalogiannakis Michalis**, Panhellenic Association of Certified Agronomists & Surveying Engineers, General Secretary

**Kallidromitou Despoina**, Hellenic Association of Engineering Offices (HAEO), President

**Kapsalis Georgios**, Professor Emeritus, National University of Ioannina, Department of Primary Education

**Karaberi Alexia**, Scientific and Teaching Staff, National Technical University of Athens, School of Chemical Engineering

**Karagiannis Georgios**, "ORMYLIA" Foundation, Scientific Director

**Karellas Sotirios**, Professor, National Technical University of Athens, School of Mechanical Engineering

**Karoglou Maria**, Scientific and Teaching Staff, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering

**Karpouzis Konstantinos**, Association of Computer Engineering and Informatics Graduates, President

**Katsaounis Alexandros**, Professor, University of Patras, Department of Chemical Engineering, President

**Katsioti-Beazi Margarita**, Professor Emeritus, National Technical University of Athens, School of Chemical Engineering

**Katsouras Athanasios**, Panhellenic Association of Materials Science Engineers, President



**Kavvadas Michael**, Professor Emeritus, National Technical University of Athens, School of Civil Engineering

**Kioussi Anastasia**, Dr Archaeologist, NTUA PhD, Ministry of Culture and Sports of the Hellenic Republic, Ephorate of Antiquities of Samos-Icaria

**Komnitsas Konstantinos**, Professor, Technical University of Crete, School of Mineral Resources Engineering

**Konstantinides Tony**, Professor Emeritus, Imperial College London, Department of Electrical and Electronic Engineering

**Konstantinidou Helen**, Associate Professor, National Technical University of Athens, School of Architecture

**Kontoyannis Christos**, Professor, University of Patras, Department of Pharmacy

**Koronaki Eirini**, Professor, National Technical University of Athens, Department of Chemical Engineering

**Kourkoulis Stavros**, Professor, National Technical University of Athens, School of Applied Mathematics and Physical Sciences

**Koutsoukos Petros**, Professor Emeritus, University of Patras, Department of Chemical Engineering

**Kyvellou Stella**, Professor, Panteion University of Social and Political Sciences, Department of Economic and Regional Development

**Labropoulos Vasileios**, Professor, University of West Attica, Department of Conservation of Antiquities and works of Art

**Laskaris Basilis**, Panhellenic Association of Certified Mining and Metallurgical Engineers, Secretary

**Liolios Asterios**, f. Professor, Democritus University of Thrace, Department of Civil Engineering

**Loizidou Maria**, f. Professor, National Technical University of Athens, School of Chemical Engineering

**Lobovikov-Katz Anna**, Senior Lecturer, The NB Haifa School of Design - Senior Lecturer, Technion Israel Institute of Technology, Faculty of Architecture and Town Planning

**Loukas Athanasios**, Professor, University of Thessaly, School of Engineering

**Lourenço Paulo**, Professor, University of Minho, Department of Civil Engineering, Head - Group of Historical and Masonry Structures, Coordinator

**Lyridis Dimitrios**, Associate Professor, National Technical University of Athens, School of Naval Architecture and Marine Engineering

**Mademoxoritis Georgios**, Association of Graduate Architects of Higher Education Institutions · Panhellenic Union of Architects, Vice President

**Maietti Federica**, Associate Researcher, University of Ferrara, Department of Architecture

**Mamaloukos Stavros**, Assistant Professor, University of Patras, Department of Architecture



**Maniatakis Charilaos**, Water Supply and Sewerage Company of Hersonissos Municipality - National Technical University of Athens, School of Civil Engineering, Laboratory for Earthquake Engineering

**Manopoulos Christos**, Assistant Professor, National Technical University of Athens, School of Chemical Engineering

**Maravelaki Pagona-Noni**, Professor, Technical University of Crete, School of Architecture, Laboratory of Materials for Cultural Heritage and Modern Building, Director

**Marinou Georgia**, Professor, National Technical University of Athens, School of Architecture - NTUA Post-Graduate MSc Program "Protection of Monuments" Interdepartmental Committee member

**Maroulis Zacharias**, Professor, National Technical University of Athens, School of Chemical Engineering

**Medeghini Laura**, Researcher, Sapienza University of Rome, Department of Earth Sciences

**Milani Gabriele**, Professor, Polytechnic University of Milan, Department of Architecture, Construction Engineering and Built Environment

**Miltiadou Androniki**, Assistant Professor, National Technical University of Athens, School of Architecture

**Mohebkhah Amin**, Associate Professor, Malayer University, Department of Civil Engineering

**Nevin Saltik Emine**, f. Professor, Middle East Technical University, Department of Architecture

**Oikonomopoulou Eleni**, Dr., Architect, NTUA PhD

**Ortiz Calderon Maria Pilar**, Professor, Pablo de Olavide University

**Ouzounis Christos**, Professor, Aristotle University of Thessaloniki, Department of Informatics – ELIXIR, Scientific Delegate - DNASequencesRL, CSO

**Pagge Tzeni**, Professor, University of Ioannina, Department of Early Childhood Education, Informatics and Applied Mathematics in Education- School of Education, Dean

**Paipetis Alkiviadis**, Professor, University of Ioannina, Department of Materials Science and Engineering

**Panagouli Olympia**, Associate Professor, University of Thessaly, Department of Civil Engineering

**Pantazis George**, Professor, National Technical University of Athens, School of Rural, Surveying and Geoinformatics Engineering

**Papagianni Ioanna**, Professor Emeritus, Aristotle University of Thessaloniki, School of Civil Engineering

**Papaoannou Georgios**, Associate Professor, Ionian University, Department of Archives, Library Science and Museology

**Papatrechas Christos**, Dr Geologist-Mineralogist, Institute of Geological and Mineral Research

**Pappa Olga**, Scientific Committee for the Specialization in Architectural Engineering, Curator



**Pérez García Carmen**, Valencian Community of Hispania Nostra, Head - International Council on Monuments and Sites (ICOMOS), member

**Perraki Maria**, Professor, National Technical University of Athens, School of Mining and Metallurgical Engineering

**Petropoulos Dimitris**, Panhellenic Federation of Associations of Engineers Public Servants Graduates of Higher Education Institutions, President

**Piaia Emanuele**, Professor, University of Ferrara, Department of Architecture

**Polydoros Stamatios**, Scientific and Teaching Staff, National Technical University of Athens, School of Mechanical Engineering

**Prepis Alkiviades**, Professor Emeritus, Democritus University of Thrace, School of Architecture

**Psycharis Ioannis**, Professor Emeritus, National Technical University of Athens, School of Civil Engineering

**Rajčić Vlatka**, Professor, University of Zagreb, Faculty of Civil Engineering

**Raptis Yiannis**, Professor, National Technical University of Athens, School of Applied Mathematics and Physical Sciences, Dean

**Saisi Antonella Elide**, Associate Professor, Polytechnic University of Milan, Department of Architecture

**Samiotakis Antonis**, Scientific Committee of the Specialty of Environmental Engineering, Supervisor

**Sapounakis Aristides**, f. Professor, University of Thessaly, Department of Planning and Regional Development

**Sapountzakis Evangelos**, Professor, National Technical University of Athens, Department of Structural Engineering - National Technical University of Athens, Administrative Board, member

**Schippers-Trifan Oana**, DEMO Consultants B.V. Netherlands, Knowledge Dissemination Manager

**Sela Wiener Adi**, Bezalel Academy of Arts and Design Jerusalem, Adjunct Lecturer - Master's Program in Urban Design, Conservation and Heritage Track, Head

**Seligman Jon**, Dr Archaeologist, Israel Antiquities Authority, Director of External Relations & Archaeological Licensing

**Sirianos Giorgos**, Association of Technical Companies of the Highest Classes, President

**Smith Robert**, Lincoln Professor Emeritus of Classical Archaeology and Art, Oxford University, School of Archaeology

**Spirakis Basileios**, Panhellenic Association of Certified Surveying & Rural Engineers, board member

**Stambolidis Nikos**, Professor Emeritus, University of Crete, Department of History and Archaeology

**Stavrakos Christos**, Professor, University of Ioannina, Department of History and Archaeology

**Stavroulakis Georgios**, Professor, Technical University of Crete, School of Production Engineering and Management





**Stefanidou Maria**, Associate Professor, Aristotle University of Thessaloniki, Department of Civil Engineering – Laboratory of Building Materials, Head

**Stefanis Alexis**, Assistant Professor, University of West Attica, Department of Conservation of Antiquities and works of Art

**Tasopoulou Anastasia**, Scientific Committee for the Specialization in Spatial Planning Engineering, Curator

**Tavukcuoglu Ayse**, Associate Professor, Middle East Technical University, Department of Architecture

**Theodorou Doros**, Professor, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering

**Theoulakis Panagiotis**, Professor, University of West Attica, Department of Conservation of Antiquities and Works of Art

**Thomas Job**, Professor, Cochin University of Science and Technology, Department of Civil Engineering

**Tokmakidis Konstantinos**, Professor, Aristotle University of Thessaloniki, Department of Rural and Surveying Engineering

**Triantafillou Athanasios**, Professor, University of Patras, Department of Civil Engineering

**Tsakanika Eleutheria**, Associate Professor, National Technical University of Athens, School of Architecture

**Tsilaga Evagelia-Marina**, Professor, University of West Attica, School of Applied Arts and Culture, Department of Conservation of Antiquities and Works of Art

**Tsilimantou Elisavet** Dr., Adjunct Lecturer, University of West Attica, School of Engineering, Department of Surveying and Geoinformatics Engineering

**Tsoukalas Lefteris**, Professor, University of Thessaly, Department of Electrical and Computer Engineering

**Tzannini Evgenia**, Assistant Professor, National Technical University of Athens, School of Applied Mathematical and Physical Sciences, Law and Technical Legislation

**Van Grieken René**, Professor Emeritus, University of Antwerp, Department of Chemistry

**Van Hees Rob**, Professor, Delft University of Technology, Department of Architectural Engineering and Technology

**Varum Humberto**, Professor, University of Porto, Department of Civil Engineering

**Varvarigos Emmanouel**, Professor, National Technical University of Athens, School of Electrical and Computer Engineering – Vice Rector

**Ventikos Nikolaos**, Associate Professor, National Technical University of Athens, School of Engineering, School of Naval Architecture and Marine Engineering

**Vintzilaiou Elissavet**, Professor Emeritus, National Technical University of Athens, School of Civil Engineering



**Vlachopoulos Andreas**, Associate Professor, University of Ioannina, Department of History and Archaeology, President

**Vogiatzis Konstantinos**, Professor, University of Thessaly, Department of Civil Engineering

**Vyzoviti Sophia**, Professor, University of Thessaly, Department of Architecture Engineering

**Xanthaki-Karamanou Georgia**, Professor Emeritus, University of Peloponnese

**Xenidis Anthimos**, Professor, National Technical University of Athens, School of Mining and Metallurgical Engineering - Scientific Committee of the Specialty of Mining and Metallurgical Engineering, Supervisor

**Xynomilakis Dimitris**, Association of Graduate Architects of Higher Education Institutions · Panhellenic Union of Architects, President

**Yannas Simos**, Architectural Association School of Architecture, MSc and MArch in Sustainable Environmental Design, founding Director

**Zachariou-Rakanta Eleni**, Scientific and Teaching Staff, National Technical University of Athens, School of Chemical Engineering, Laboratory of Materials Science and Engineering

**Zervos Spyros**, Professor, University of West Attica, Department of Library Science and Information Systems

**Zouboulakis Loukas**, Professor, National Technical University of Athens, School of Chemical Engineering, Section of Materials Science and Engineering