

THOMAS K. MAKEDON

GEOLOGIST, BSc

ENGINEERING GEOLOGIST, PhD

LABORATORY TEACHING STAFF

ARISTOTLE UNIVERSITY OF THESSALONIKI, GREECE

CURRICULUM VITAE

PAPERS-PUBLICATIONS

Thessaloniki, Greece 2021

1. GENERAL BIOGRAPHY - DEGREES - PROFESSIONAL ACTIVITY

1.1. Biography

Name/Surname: Thomas **MAKEDON**

Father's name: Konstantinos

Occupation: Geologist

Degree: Doctor of Philosophy, PhD.

Field: Engineering Geology

Date of birth: 31-3-1965

Place of birth: Veria

Present position: Laboratory Teaching Staff (EDIP), Department of Geology AUTH (Aristotle University of Thessaloniki).

1.2. Studies

6/1982 High School Degree (Grade 18.5/20)

3/1987 BSc Geology, Department of Geology, AUTH (Grade 7.96/10)

5/1988 PhD Candidate, Department of Geology, AUTH

3/1994 PhD «with Honors», Department of Geology, AUTH. Doctoral Thesis Title: « Contribution to the prediction of rock mass behavior around underground excavations by application of geological and numerical methods. The Platanovrisi, Nestos HEP (Hydroelectric Plant) »

1999–2000 Postdoctoral research on «Geological, engineering geological and hydrogeological parameters in the design of construction works».

1.3. Languages (besides Greek)

English: Certificate of Proficiency in English from Cambridge University).

French: Very well (High School and Lyceum)

German: Comprehension of oral and written text

1.5. Scholarships - Honors

- **1982:** Honors for admission at the Department of Geology AUTH (Rank 1/80)
- **1999:** State scholarship for post-doctoral research

1.5. Military service - Other activities

- **3/1994 – 10/1995:** Hellenic Army Corps of Engineers, Sergeant

- Basketball athlete: (1990-present)

1.6. Undergraduate Seminars Attended

1985: «Geology and construction works», Athens, Greece, Association of Greek Geologists

1986: «Borehole Construction», Institut für Geologie und Palaeontologie, Tübingen, Germany

1.7. Postgraduate Seminars Attended

1991: «Detection, investigation and water resources management, water catchment construction projects for regional development», School of Geology, AUTH

1992: «Earth fill Irrigation dams», School of Geology, AUTH

1.8. Professional activity

- **1990 - 2002:** Professional Geologist - Designer, (Design Degrees 20 and 27, Hellenic Ministry of Public Works)
- **1997 – 1999:** Scientific collaborator-designer for «GEOTECHNOLOGIKI S.A.». Geotechnical Company, Greece
- **1999 – 2002:** Materials Engineer - Assistant Tunnel Specialist for JV Parsons, Construction Manager of Egnatia Odos S.A. (Egnatia Odos), Greece
- **2002 – present:** Laboratory Teaching Staff, School of Geology, AUTH (Laboratory of Engineering Geology & Hydrogeology)

2. SCIENTIFIC WORKS - RESEARCH PROJECTS - DESIGNS

2.1. General

1988 – 2007 : Member of research teams of the School of Geology, AUTH

Research subjects:

- Geological and engineering geological parameters in the construction of major engineering structures (dams, urban and road projects)
- Seismic risk- active tectonics and construction of major works (New Kozani-Larisa Odos, dams, etc.)
- Research, utilization and management of water resources
- Geological parameters in the protection of monuments.

2.2. Research Projects

1991

1. Exploitation of water resource potential and dam construction in the Akropotamos river (Pieria Basin, Kavala Greece)

2. Research and water resource management, construction of hydroelectric projects for regional development

1993

3. Marine spray and polluted atmosphere as factors of deterioration of monuments in the Mediterranean coastal environment

5. Geological-Geotechnical suitability investigation for the new Cemeteries of the municipalities of Volos and Nea Ionia, Greece

5. Mathematical model of the Axios river basin groundwater management

6. Slope stability in road networks and major construction projects

1995

7. Slope Stability in Hermes» military communications node, Pangaeon mountain, Greece

8. Engineering geological investigation in sections along the Egnatia Odos, Greece

9. Seismic hazard investigation and project construction control studies on Kozanis-Larissa Odos, Greece

1996

10. Design and layout of the natural history museum of Axioupoli Municipality in Kilgis, Greece.

11. Active faulting study in the dam areas of Polyfytos, Helarion, Elafi in Aliakmon river, Northern Greece

1997

12. Spa and geothermal springs study in N. Apollonia, Thessaloniki, Greece

13. Hydrogeological study of Mt Paikon and karstic aquifer system of Arabissos, Northern Greece

1998

14. Design of the bypass road section of Kavala, Egnatia Odos, Greece

15. Water resources management of Mavrosouvala basin, Southern Greece

2003

16. Hydrogeological research in the Grevena Herakleoton area, Northern Greece

2007

17. Olynthios river dam design, Northern Greece

2.3 Designs

1991

- Hydrogeological design-investigation of Kassandra peninsula, Community of Athitos, Northern Greece
- Hydrogeological design-investigation for the Prefecture of Kilgis, Northern Greece

1992

- Water reservoir design in Ouranoupolis Community region, Northern Greece
- Hydrogeological design-investigation for borehole construction in Efkarpia Community, Thessaloniki, Greece
- Hydrogeological design-investigation for borehole construction in Farsala Province, Larissa, Greece

1996

- Geotechnical investigation-design Section 8.5 of the Egnatia Odos, Egnatia Odos S.A. GEOTECHNOLOGIKI S.A.
- Geotechnical investigation-design Section 13.7 of the Egnatia Odos Bypass, part II of Kavala Greece, Egnatia Odos S.A., GEOTECHNOLOGIKI S.A.

1997

- Urban development geological design in Galatista, Northern Greece

2006

- Flood protection and drainage design in Argalasti, Central Greece

2.4 Geological - Engineering Geological Mapping (published)

- 1987** - Geological map of «Elafi» dam area, Aliakmon river (scale 1: 2000)
- Engineering Geological mapping of 2 investigation adits on the abutments of «Elafi» dam site Aliakmon river (scale 1: 100)
- 1993** - Geological suitability map of the new cemeteries of the municipality of N. Ionia, Volos (scale 1: 500)
- 1994** - Engineering-geological map of the area of »Platanovrisi« dam area, Nestos river (scale 1: 1000)
- 1995** - Engineering geological map of Hellenic Army Communication Center, Pangeon Mount. (scale 1: 100)
- Geological maps & sections of Egnatia Odos, Panagia-Venetikos, CH. 3 + 400 - 5 + 700 and CH. 7 + 200 - 7 + 700 (scale 1: 1000)
- 1996** - Engineering geological map & longitudinal section of Egnatia Odos, East entrance of Metsovo Tunnel - Panagia CH. 1 + 620 - 2 + 400 (scale 1: 500)
- Geological - tectonic map along the new road axis Kozani - Larissa section Kozani - Trigonikon (scale 1: 100000)
- 1997** - Geological map sections of Paikon Mount. (scale 1: 50000)
- 1998** - Geological map Egnatia Odos, section I, bypass of Kavala, CH. 4 + 937 - 9 + 400 Trench O7 (scale 1: 500)
- Geological map of Mavrosouvala, Attiki (scale 1: 5000)
- 2007** - Engineering Geological map of dam axis and reservoir, Olynthios river, Psalida Mylos dam site (scale 1: 5000)

2.5. Conferences – Workshops Attended

A. Abroad

- 1992** - Conference on Fractured and Jointed Rock Masses, Lake Tahoe, California, USA, 3-5 June 1992 (Conference article).
- 1993** - 3rd International Conference on Case Histories in Geotechnical Engineering, St. Louis, Missouri, USA, June 1-4, 1993 (Conference article).
- 1994** - 7th International Congress of the IAEG (International Association of Engineering Geology), Lisboa, Portugal, 5-9 September 1994 (Conference article)
- 1995** - XI European Conference on Soil Mechanics and Foundation Engineering, Copenhagen, Denmark 28 May - 1 June 1995 (Conference article).

1996 -30th International Geological Congress, 4-14 August 1996, Beijing, China, (Conference article).

2006 - 10th I.A.E.G. Congress, Geotechnical Investigation and Design, Nottingham U.K. 2006 (Conference article)

2007 - 1st Sri Lankan Geotechnical Society (SLGS) International Conference on Soil and Rock Engineering, Colombo, Sri Lanka, August 2007 (Conference article)

B. In Greece

1983 1st Greek Geological Workshop, May 19-20, Athens, Geological Society of Greece.

1st Hellenic Geological Conference, December 3-5, Athens, Association of Greek Geologists.

1984 1st Hellenic Marble Conference, May, Thessaloniki.

1985 International Conference on Thermal Mineral Waters, October 20-25, Thessaloniki, SDKIPLE.

1986 3rd Scientific Conference of the Geological Society of Greece (EGE), May 22-25, Athens, Geological Society of Greece.

1987 1st Hellenic Geographical Conference, February, Athens, Hellenic Geographical Society.

1988 4th Scientific Conference of the Geological Society of Greece (Geological Society of Greece), May 25-29, Athens, Geological Society of Greece.

1st Symposium on the new developments in Seismology and Geophysics of the Greek Space, July 1-3, Thessaloniki, Laboratory of Geophysics, AUTH.

2nd Conference on Thermo-Mineral Waters, October 7-9, Thessaloniki, SDKIPLE. International three-day scientific conference «Modern Remote Sensing Applications», October 10-12, Thessaloniki.

1989 Hellenic conference «Environmental Protection and Agricultural Production, March 21-23, Thessaloniki, Geotechnical Chamber of Greece.

Hellenic Conference «The Greek Marble», May 23-24, GEOT.EE, SEG, Thessaloniki.

2nd Greek-Bulgarian symposium on the geological and physical geographical problems of the mass of Rodopi October 14-17, Department of Geology, AUTH.

1990 5th Scientific Conference of the Geological Society of Greece (EGE), May 24-27, Thessaloniki, Geological Society of Greece.

«Thessaloniki Water Supply» Conference, December, Thessaloniki, GEOT.EE, Municipality of Thessaloniki.

1991 Conference «Geology and Dams: Experiences from the Greek Area», November 20, Athens, GEOT.EE, S.E.G.

1992 Hellenic Scientific Symposium «Water Shortage and Floods», Geotechnical Chamber of Greece (GEOT.EE), Thessaloniki March 17-18.

1992 6th Conference of the Geological Society of Greece (Geological Society of Greece), with emphasis on Aegean Geology, Athens, May 25-27, Geological Society of Greece.

Workshop «World map of active faults - The North Anatolian (Turkey) and the Aegean (Greece) active fault systems» International Lithosphere Project ILP-II UNESCO, Thessaloniki, June 1-8.

1993 1st International Environment Conference: «Mediterranean - Environment - Rural Development - Quality of Life». Geotechnical Chamber of Greece (GEOT.EE), Athens March 21-25.

2nd Archaeometry Symposium «Archaeometric and Archaeological research in Macedonia and Thrace», Thessaloniki, March 26-28.

1995 Conference «Landfills» Committee of Hydrogeology EGE-GEOT.EE-SEG Thessaloniki April

Conference «Earthquake policy and earthquake protection measures» Geotechnical Chamber of Greece (GEOT.EE) - Central Macedonia, Thessaloniki, January.

Conference «Water supply of Thessaloniki - Present and Future», May 14, GEOT.EE, SEG, Thessaloniki.

International Scientific Conference «The Earthquake of 13 May 1995 - Kozani and Grevena. Scientific and social approach» Kozani May 24-28, (Conference article).

1997 International Symposium «Engineering Geology and the Environment», Committee of Engineering Geology of the GSG, (I.A.E.G.) Athens June 23-27 (Conference article).

I.A.S.P.E.I. 97.29th General Assembly of the International Association of Seismology and Physics of the Earth's Interior, Thessaloniki 18-29 August

1999 «Egnatia Odos» Conference, Egnatia Odos SA - Polytechnic School of AUTH. Polytechnic School of AUTH. April 29, 1999.

International Conference «HELECO 99 - Environmental Technology for the 21st Century», HELEXPO TIFF, Thessaloniki 3-6 June.

Inter-Balkan Meeting «The role of Local Government in dealing with emergencies and natural disasters», Thessaloniki HELEXPO TIFF. November 26-27.

Conference «Dealing with Seismic Disasters Scientific Approach - Social Dimension», Thessaloniki, Papageorgiou Hospital 3 - 4 December.

2000 Conference «Shielding of Thessaloniki from Natural Disasters. Earthquake protection - Flood protection». Ceremony Hall of the School of Philosophy. Association of Greek Geologists, Department of Geology, AUTH. GEOT.E.E.

2004 10th International Conference of the Geological Society of Greece, Thessaloniki April (Conference article).

2007 11th International Conference of the Geological Society of Greece, Athens, May (Conference article).

2008 3rd Hellenic Conference on Earthquake Engineering and Engineering Seismology, Athens, November (Conference article)

2011 7th Hellenic Conference of E.G.M.E. (Hellenic Society of Agricultural Engineers), Athens, November (Conference article)

2013 13th International Conference of the Geological Society of Greece, Chania, September (Conference article)

2014 7th Hellenic Conference on Geotechnical Engineering, Athens, November (Conference article)

2016 14th International Conference of the Geological Society of Greece, Thessaloniki, May (Conference article)

2019 15th International Congress of the Geological Society of Greece "Exploring and Protecting our Living Planet Earth" 22-24 May, Athens (Conference Poster)

2.6. Memberships

- Geotechnical Chamber of Greece (GEOTEE)
- Geological Society of Greece (E.G.E.)
- International Association of Engineering Geology (I.A.E.G.)

- Association of Greek Geologists (S.E.G.)

2.7. Elected Member

- 1983 - 1985: Subst. for the Senate of AUTH (Student).
- 1983 -1987: Board of the Department of Geology of AUTH (Student).
- 1983 - 1987: Collective Bodies of the Department of Geology and Faculty of Sciences AUTH (student)
- 1985 - 1987: President of the Students Association of the Department of Geology, AUTH.
- 1986-1990, 1991-2001, 2001-2003: Gov. Committee of the Association of Greek Geologists
- 1988 - 2008: Representative for the Geotechnical Chamber of Greece (GEOTEE)
- 1999 - 2000: Committee of Geologists for the Geotechnical Chamber of Greece – Central Macedonia Dept.
- 1999 - 2001: Vice President of the Association of Greek Geologists
- 2008 - 2014: Gov. Committee of the Geotechnical Chamber of Greece – Central Macedonia Dept.
- 2014-present: Board of SEDIP- AUTH and POSEEDIP (Hellenic Federation of Laboratory Teaching Staff)

3. TEACHING ACTIVITY

3.1. Undergraduate Syllabus Courses, Department of Geology, AUTH.

❖ Laboratory Courses

1988 - 1994 (PhD candidate)

- 7th semester: Engineering Geology
- 8th semester: Geological Design of Engineering Works

Soil Mechanics - Rock Mechanics

2002 - present

- 7th semester: Engineering Geology, Geology of Greece
- 8th semester: Soil Mechanics - Rock Mechanics, Geotectonic Evolution of Greece

❖ Undergraduate Courses

2016-present

- 7th semester: Field Training (West Macedonia-Epirus-Stereia Ellada)

2019-present

- 7th semester: Engineering Geology
- 8th semester: Geological Design of Engineering Works
- 2nd semester (Department of Forestry, AUTH): Petrography, General and Engineering Geology

3.2. Postgraduate Program of the Department of Geology, AUTH

«Applied and Environmental Geology»

MSc dissertations (Supervisor-member)

❖ Postgraduate courses

2004 - 2014

- Earthworks & pavements, requirements & quality control
- Engineering works - Dams

«Engineering Geology - Environmental Hydrogeology» and «Engineering Geology & Environment»

2004 - present

- Engineering Geology of Engineering Works
- Professional practices in Engineering Geology - Environmental Hydrogeology
- Principles of Soil Mechanics, laboratory and in-situ tests
- Engineering geological mapping
- Field Training
- Geological Models in Applied Geology
- Site investigation - monitoring

3.3. Inter-departmental Program of Postgraduate Studies, Department of Geography, University of the Aegean «NATURAL HAZARDS AND DISASTER MITIGATION»

❖ Postgraduate courses

2019 - present

- Landslides

3.4. Extracurricular teaching

1997-2006 & 2007-2010

Courses

- Geology & Paleontology

School of Guides Thessaloniki (Organization of Tourism Education and Training)

1998-2000

Courses

- Geology

- Decorative stones
- Quarries - mines
- Training of workers in the marble industry
- Quarrying and mining regulations

Department of Marble Workers, K.E.T.E.K. Oreokastro (Vocational and Technical Training Center)

3.5. Lectures - Seminars (speaker)

- **1992-1993:** Young unemployment training programs (European Social Fund - Department of Geology, AUTH, Geotechnical Chamber of Greece and Municipalities of Thessaloniki)
- **1991:** «Environment and forest protection»,
- **1992:** «Failure mechanisms - slopes safety in road works», Department of Geology, AUTH
- **1993:** «Slope Safety in Road Networks and Large Engineering Projects» Department of Geology AUTH.
 «Hydrogeological and Geological Studies for Engineering Works (Dams - Landslides - Surface and Underground Constructions) » Department of Geology, AUTH.

4. PEER REVIEW ACTIVITY

Reviewer in scientific journals and conferences (<https://publons.com/dashboard/summary/>):

- Engineering Geology, Elsevier, ISSN: 0013-7952
- IAEG XII Congress 2014
- 14th - 15th International Conference of the Geological Society of Greece
- Bulletin of Engineering Geology and the Environment (I.A.E.G.)

5. PUBLICATIONS

5.1. Theses

5.1.1. **MAKEDON** Th. & **ATHANASIAS** S. (1987): Research and Evaluation of Boreholes and Adits of Elafi Dam Area, Graduate Thesis, School of geology, Aristotle University of Thessaloniki.

5.1.2. **MAKEDON** Th. (1994): Contribution to the prediction of rock mass behavior around underground excavations by application of geological and numerical methods. The Platanovrisi, Nestos HEP (hydroelectric plant). Doctoral dissertation, number (27) Annex Yearbook of Science, School of geology, Faculty of Sciences, Aristotle University of Thessaloniki, Thessaloniki, 1994, pp. 302.

5.2. Scientific papers

5.2.A. Peer Reviewed International Journals

5.2.7. CHATZIGOGOS, N-P.T., **MAKEDON**, T.K., TSINDARIS, G.E., TSOTSOS, S.C., CHRISTARAS B.C., (2016). Estimation of the hydroconsolidation susceptibility of the anthropogenic fill of the historical center of Thessaloniki, Greece. *International Journal of Geotechnical Case Histories*, Vol. 4, Issue 1, pp 46-56.

5.2.6. **MAKEDON** Th., CHATZIGOGOS N. (2012). Failure mechanism of overhanging slopes in sedimentary rocks with dissimilar mechanical properties. *Bulletin of Engineering Geology and the Environment*, Volume, Issue 4 (2012), pp 703–708, Springer.

5.2.5. **MAKEDON** Th., TREMOPOULOU E., DIMOPOULOS G. (2008). The influence of gradation on the in situ compaction of geo-materials in road construction. *Bulletin of Engineering Geology and the Environment*, Volume 68, Issue 1 (2009), pp 81-87, Springer.

5.2.4. **MAKEDON** Th., CHATZIGOGOS N., VOGIATZIS D., DIMOPOULOS G., KARAMOUZIS D. (2008). The effect of geology on the suitability of the Olynthios river dam site, Northern Greece. *Bulletin of Engineering Geology and the Environment*, Volume 68, Issue 3 (2009), Page 355, Springer.

5.2.3. **MAKEDON** Th., CHATZIGOGOS P.N, SPANDOS S. (2008). Engineering geological parameters affecting the response of Thessaloniki's urban fill to a major seismic event. *Engineering Geology*, Volume 104, Issues 3-4, p.p. 167-180, Elsevier.

5.2.2. CHRISTARAS B., ZOUROS N. & **MAKEDON** Th., (1995): Behaviour of the Votonosi formation in Pindos Mountain (Greece). *Proceedings, XI European Conference on Soil Mechanics and Foundation Engineering, Copenhagen '95*, Vol. 7, 7.23-7.28. In *Danish Geotechnical Society (dgf) Bulletin 11: The Interplay between Geotechnical Engineering and Engineering Geology*

5.2.1. MOROPOULOU A., BISBIKOU K., CHRISTARAS B., KASSOLI-FOURNARAKI A., ZOUROS N., **MAKEDON** Th., FITZNER B. & HEINRICH K. (1995). Examination of the Weathering Susceptibility of the Building Stones of Demeter Sanctuary in Eleusis: 1: Origin, Petrography and Physical, Mechanical and Microstructural Properties. *Bolletino Geofisico*, 18,1, p.37-48.

5.2.B Peer Reviewed International Journals (Abstracts only)

5.2.8. CHRISTARAS B., **MAKEDON** Th., DAFNIS S., GIOKA D., & EFTHIMIADOU M., (1990). Landslide phenomena along the new Ring Road of Thessaloniki, Greece». *Conf. EUG VI, Strasbourg, France. In Terra Nova, Terra Abstracts*, Vol. 3 No 1, March 1991.

5.2.C. Bulletin of the Geological Society of Greece (Peer reviewed)

5.2.15. PAPATSIKOURAKIS D., CHATZIGOGOS N., **MAKEDON** Th., (2019). The effect of the degree of saturation on shear strength of sandy soils. The example of Geni Tzami of Edessa, Northern Greece, 15th International Congress of the Geological Society of Greece

5.2.14. AMPATZI G., CHATZIGOGOS N., **MAKEDON** M., PAPATHANASSIOU G. & MARINOS V., (2016). Application of Terrestrial Laser Scanning (Lidar) in Rock Slope Stability. An Example from Northern Greece. *Bulletin of the Geological Society of Greece*, Vol L, 2016

5.2.13. VARGEMEZIS G., DIAMANTI N., FIKOS I., STAMPOLIDIS A., **MAKEDON** Th., CHATZIGOGOS N. (2013): Ground penetrating radar and electrical resistivity tomography for locating buried building foundations: a case study in the city centre of Thessaloniki, Greece». *Bulletin of the Geological Society of Greece*, Vol. XLVII, 2013

- 5.2.12. GEORGIADIS G. A., TRANOS M. D., **MAKEDON** Th. K., DIMOPOULOS G. Ch., (2007): Contribution of geological mapping in road construction: An example from Veria – Kozani National Road, Kastania area. Bulletin of the Geological Society of Greece, Vol. XXXVII, 2007
- 5.2.11. CHRISTARAS B., CHATZIGOGOS N., DIMITRIOU A., CHATZIGOGOS N., **MAKEDON** Th., VOGIATZIS D., FILIPPIDIS S., (2004): Stability of the Polyphemus Cave in Maroneia, Thrace. Bulletin of the Geological Society of Greece, Vol. XXXVI, 2004
- 5.2.10. DOUNAS, S., CHRISTARAS B., **MAKEDON** Th., (1998): Geotechnical problems in the water duct of Thessaloniki from Aliakmon River. Bulletin of the Geological Society of Greece, Vol. XXXII/4
- 5.2.9. CHRISTARAS, B., MOUNTRAKIS, D., PAVLIDES S., **MAKEDON** Th., ZOUROS, N., DIMITRIOU A., CHATZIPETROS A., (1998): Engineering Geological Problems in the Construction of the New National Highway Axis Kozani-Larissa (Section Kozani-Rimnio). Bulletin of the Geological Society of Greece, Vol. XXXII/4 pp. 111-120.

5.2.D. Peer Reviewed International Conference Proceedings

- 5.2.24. **MAKEDON** Th., CHATZITHEODOSIOU Th., PAPATSIKOURAKIS D., DANDIKA M., MATSAKOU A., GORANI A., PAPADIOTI A., SPACHOS G., MARINOS V., (2019). «The effect of Engineering Geological parameters on the suitability of the Olynthios dam site, Northern Greece. Olynthios Dam Conceptual Model». (Poster) Proceedings 12th Asian Regional Conference of IAEG, PO-0397, DOI: 10.13140/ RG.2.2.32648.16646
- 5.2.23. CHATZIGOGOS N.P., **MAKEDON** T.K., TSOTSOS S. (2007): The mechanical behavior of gneissous rocks and selection of strength parameters for stability analysis of excavated slopes». Proceedings 1st Sri Lankan Geotechnical Society (SLGS) International Conference on Soil and Rock Engineering, Colombo, paper no 2560.
- 5.2.22. CHRISTARAS B., CHATZIGOGOS N., DIMITRIOU A., CHATZIGOGOS N., **MAKEDON** Th., VOGIATZIS D., FILIPPIDIS S., DOTSIKA E. (2006). Methodology for supporting the under touristic development Poliphemus cave in Maronia, Thrace. Proceedings of the 7th European Conference SAUVEUR” Safeguarded Cultural Heritage. vol.2 p.1018-1020. Prague.
- 5.2.21. CHATZIGOGOS N., **MAKEDON** Th., TSOTSOS S., CHRISTARAS, B. (2005): Implementation of a ground investigation strategy on urban fills. Proceedings Geotechnical Investigation and Design» 10th I.A.E.G. Congress, Geological Society of London, paper no 688.
- 5.2.20. CHRISTARAS B., ZOUROS N., **MAKEDON** Th., DIMITRIOU A: (1997): Adverse geotechnical conditions in road construction. Sections of the new Egnatia highway across Pindos mountain range (N. Greece)». Proceedings, 8th International Symposium of I.A.E.G., Balkema, pp. 2639-2645.
- 5.2.19. CHRISTARAS B., ZOUROS N., **MAKEDON** Th. & DIMITRIOU A., (1996): Common mechanism of landslide creation along the under construction Egnatia highway in Pindos mountain range (N. Greece). Proceedings, 30th International Geological Congress, Vol. 3, 17-2-23 04680 Beijing, China.
- 5.2.18. CHRISTARAS B., ZOUROS N. & **MAKEDON** Th., (1994): Slope stability phenomena along the Egnatia highway: The part Ioannina - Metsovo, in Pindos mountain chain, Greece. Proceedings, 7th International Congress IAEG, 5-9 September, Lisboa, Portugal, Balkema p. 3951-3958.
- 5.2.17. **MAKEDON** Th., DIMOPOULOS G. & MARANGOS Ch., (1993). Diversion Tunnel of a Hydroelectric Plant on Nestos River (Greece) « Proceedings, 3rd International Conference on Case Histories in Geotechnical Engineering, Shamsher Prakash (ed), University of Missouri-Rolla 1993, Paper No. 6.07, pp 895-902.
- 5.2.16. **MAKEDON** Th., DIMOPOULOS G. & MARANGOS Ch., (1992). Estimation of the Influence of the Excavation Geometry on Rock Design Using Numerical Analysis «, Proceedings, Conference on Fractured and Jointed Rock

Masses, Myer, Cook, Goodman & Tsang eds, University of California at Berkeley, 1995 Balkema, Rotterdam, pp 745-752.

5.2.E. Peer Reviewed Greek Conference Proceedings

5.2.27. CHATZIGOGOS N.P., **MAKEDON** T.K., TSINTARIS, G., TSOTSOS S., CHRISTARAS, B.C. (2014). Estimation of the hydroconsolidation susceptibility of the anthropogenic fill of the historical center of Thessaloniki. Proceedings of the 7th Hellenic Conference of Geotechnical Engineering, p 115.

5.2.26. PARISOPOYLOS, G., GEORGIU, P., KARAMOUZIS, D., DIMOPOULOS, G., PAPAMICHAIL, D., & **MAKEDON** Th. (2011). Multi-criteria evaluation of alternative positions and head projects of Olynthios river dam in Halkidiki. Proceedings of the 7th Hellenic Conference of E.G.M.E. (Greek Agricultural Engineering Company).

5.2.25. CHATZIGOGOS, N., **MAKEDON** Th., (2008). The effect of residual materials on the stability of slopes in highly weathered and stressed metamorphic rocks. Proceedings of the 3rd Hellenic Conference on Earthquake Engineering and Engineering Seismology Article 1907

5.3. Books - Course Notes

5.3.5. **MAKEDON**, Th. (2008): Geology – Paleontology Course Notes. School of Guides, Hellenic Tourism Organization, Thessaloniki 1998 (1st edition), p. 79.

5.3.4. G. DIMOPOULOS, TH. **MAKEDON** (2008): Laboratory Exercises of Engineering Geology. Course notes Department of Geology, AUTH, pp. 32.

5.3.3. G. CH. DIMOPOULOS, TH. K. **MAKEDON** (2007): Problems in Engineering Geology. Tziolas Editions, ISBN 978-960-418-152-0, p. 267.

5.3.2. **MAKEDON**, Th. (2005): Earthworks & Pavements. Requirements & Quality Control. Course Notes for the Postgraduate Program of the Department of Geology, Thessaloniki 2005, pp. 72.

5.3.1. CHRISTARAS V., VASALAKIS A., **MAKEDON**, Th. (2003): Diamond cuts and drilling bits. Course Notes, Laboratory of Engineering Geology & Hydrogeology, pp. 54, URL: <http://www.geo.auth.gr/883/>

5.4. Citations – Reviews - Profiles

<https://scholar.google.gr/citations?user=J9i1SkkAAAAJ&hl=el>

<https://publons.com/researcher/3401784/thomas-MAKEDON/>

<https://www.scopus.com/authid/detail.uri?authorId=25225550700>

<https://orcid.org/my-orcid>

<https://www.researchgate.net/profile/Thomas-Makedon>