

**Curriculum Vitae**  
**Constantin E. Chalioris, Dr. Civil Engineer, Associate Professor**  
(October 2019)

**Personal data**

- Family name: CHALIORIS
- First name: Constantin
- Place of birth: Chios, Greece
- Year of birth: 1971
- Nationality: Hellenic
- Marital status: Married, with one child
- University address: Democritus University of Thrace (DUTH)  
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**Education - Studies**

- June 1988 Graduate of High School of Athens, Greece.
- July 1993 Diploma in Civil Engineering (5-year course), School of Engineering, Democritus University of Thrace, Greece. Grade: 8.37 (84%).  
Awards from the State Scholarships Foundation (I.K.Y.) and from the Technical Chamber of Greece for excellences at the 1st, 2nd, 4th and 5th academic year with grades 8.53, 8.21, 8.06 and 9.43, respectively.
- Nov. 1999 Postgraduate Specialization Diploma (M.Sc.) in Structural Engineering (one-year course) entitled: “*New Materials and Technologies for the Design of Reinforced Concrete Structures*”, Department of Civil Engineering, Democritus University of Thrace. Grade point average: 9.10 (91%).
- Feb. 2000 Doctoral Diploma (Ph.D.) in Civil Engineering, Democritus University of Thrace. Dissertation title: “*Study of the Behaviour and the Failure Mechanisms of Plain and Reinforced Concrete Elements in Torsion*”. Grade: 10 (100%).

**Academic career**

- 1994-2003 Laboratory teaching assistant and associate in research projects of Reinforced Concrete Laboratory, Department of Civil Engineering, Democritus University of Thrace.
- Dec. 2003 Lecturer,
- Oct. 2009 Assistant Professor,
- July 2014 Associate Professor in Structural Engineering Division of Civil Engineering Department, School of Engineering, Democritus University of Thrace, Greece, in the field of: “*Experimental Research of Linear Reinforced Concrete Members*”.

**Academic positions in Democritus University of Thrace (DUTH)**

- 2011-2013 Member of the Senate of DUTH as representative of Civil Engineering Department.
- 2016-2019 Director of the Structural Engineering Division of Civil Engineering Department.
- since 2019 Chairman of the University Technical Council of DUTH.

**Teaching and academic experience**

- Teaching in Democritus University of Thrace:  
Undergraduate courses in Department of Civil Engineering:
  - “*Reinforced Concrete IA*” (7th semester – core course), since 2004-05.
  - “*Prestressed Concrete*” (9th semester – compulsory course of Structural Engineering), since 2004-05.
  - “*Reinforced Concrete II*” (8th semester – compulsory course of Structural Engineering), 2011-12.
  - “*Reinforced Concrete Laboratory Issues*” (8th semester – elective course), since 2004-05.

- “Design of Masonry Structures” (8th semester – elective course), since 2004-05.
- “Testing and Rehabilitation of Reinforced Concrete Structures” (9th semester – elective course), since 2010-11.
- “Composite Structures” (9th semester – elective course), since 2014-15.

Undergraduate courses in Department of Environmental Engineering:

- “Reinforced Concrete Structures” (8th semester – core course), from 2013-14 till 2015-16.

Postgraduate courses in Structural Engineering:

- “Design of Reinforced Concrete Members” (compulsory course), since 2004-05.
- “Software and Computer Science for the Design of Reinforced Concrete Structures” (elective course), since 2010-11.
- “Design of Reinforced Concrete Members Strengthened with Composite Materials (FRPs)” (elective course), since 2010-11.
- Supervisor of 1 completed doctoral dissertation (June 2019): “Study of reinforced concrete structures strengthened by tension ties - Analytical and experimental investigation” by Ang. Liolios, Civil Engineering Dept., DUTH.
- Supervisor of 5 doctoral candidates.
- Supervisor of over 150 undergraduate diploma theses and postgraduate dissertations.
- Advisor of 9 doctoral candidates in Civil Engineering Dept., DUTH.
- Examiner of over 20 doctoral dissertations in Civil Engineering Dept. of DUTH, in Architectural Engineering School of Technical University of Crete, in Civil Engineering Dept. of University of Patras, in Civil Engineering Dept. of Aristotle University of Thessaloniki, in Civil Engineering Dept. of Acharya Nagarjuna University, India and in Civil Engineering Faculty of Anna University, Chennai, India.
- Evaluator of research project proposals to be funded by the (a) Romanian National Council for Research and Development (UEFISCDI), (b) Foundation for Science and Technology of Portugal (FCT) and (c) Prince Sultan University, Riyadh, Saudi Arabia in the area of Building Technology - Construction Materials.
- Evaluator of electronic book proposals to be funded by Hellenic Academic EBooks – Kallipos (www.kallipos.gr).
- Other related activities:
  - Instructor in seminars of Technical Chamber of Greece, Centre of Employment Opportunities (K.E.K.) and National Institute of Employment Opportunities (I.E.K.), from 1993 till 2000.
  - Lectures in meetings organized by Technical Chamber of Greece, on subjects in the field of Eurocodes (EC2 & EC8), design of reinforced concrete structures, repair and strengthening of structures, since 1995.
  - Member of the educational personnel of the Training Institute (IN.EP.) of National Centre for Public Administration and Local Government (E.K.D.D.A.) for the continuous training (via seminars) of the Engineers of public services and local government, on subjects in the field of construction materials, in-situ testing, Eurocodes (EC2, EC5 & EC6), capacity assessment, repair and strengthening techniques of existing reinforced concrete structures, since 2003.
  - Member of the three-member examination committees of Technical Chamber of Greece (East-Macedonian Dept.) for examining and awarding professional licenses of civil engineers, since 2007.

**Reviewer in more than 60 peer-reviewed journals** (more than 450 papers have been evaluated since 2007). Selection of journals:

<b>Publisher</b>	<b>International journals</b>
ASCE (American Society of Civil Engineers)	<i>Journal of Bridge Engineering, Journal of Composites for Construction, Journal of Structural Engineering</i> (also awarded as: “2015 ASCE Outstanding Reviewer”)
Elsevier	<i>Advances in Engineering Software, Automation in Construction, Case Studies in Construction Materials, Cement and Concrete Composites, Composites Part B, Composite Structures, Construction and Building Materials, Engineering Structures, Journal of Building Engineering, Mechanical Systems and Signal Processing, Scientia Iranica, Structures, Journal of Physics and Chemistry of Solids</i>
Techno Press	<i>Computers and Concrete, Earthquake and Structures, Smart Structures and Systems, Steel and Composite Structures, Structural Engineering and Mechanics, Advances in Concrete Construction</i>
Springer	<i>Bulletin of Earthquake Engineering, Frontiers of Structural and Civil Engineering, International Journal of Concrete Structures and Materials, Korean Society of Civil Engineers (KSCE) Journal of Civil Engineering, Meccanica, Sadhana, Asian Journal of Civil Engineering</i>
De Gruyter	<i>Open Engineering (formerly Central European Journal of Engineering), Science and Engineering of Composite Materials</i>
Taylor & Francis	<i>European Journal of Environmental &amp; Civil Engineering, International Journal for Computational Methods in Engineering Science and Mechanics, Mechanics of Advanced Materials and Structures, Structure and Infrastructure Engineering</i>
Hindawi Publ. Corp.	<i>Advances in Civil Engineering, Journal of Structures, The Scientific World Journal, International Journal of Polymer Science</i>
MDPI Publ.	<i>Applied Sciences, Buildings, Designs, Fibers, Infrastructures, Materials, Metals, Polymers, Recycling, Sensors, Sustainability</i>
IOP science	<i>Smart Materials and Structures, Europhysics Letters, Materials Research Express, Engineering Research Express</i>
Bentham Sci. Publ.	<i>Recent Patents on Engineering, The Open Civil Engineering Journal</i>

Also:

- *Materials Research* (Universida de Federal de Sao Carlos)
- *Environmental Engineering and Management Journal* (Gheorghe Asachi Technical University of Iasi)
- *Science of Advanced Materials* (American Scientific Publishers)
- *Structural Engineering International* (International Association for Bridge and Structural Engineering - IABSE)
- *Multidiscipline Modeling in Materials and Structures* (Emerald Publishing)
- *Journal of Civil Engineering and Science* (World Academic Publishing)
- *Journal of Civil Engineering and Construction Technology* (Academic Journals)
- *American Journal of Engineering and Applied Sciences* (Science Publications)
- *Natural Hazards and Earth System Sciences* (European Geosciences Union - Copernicus Publications)
- *Journal of Civil Engineering Sciences* (Iran Univ. of Science & Technology - Iran Society of Civil Eng. - Mind Reader Publ.)

#### **Editorial board member of the journals:**

- *Advances in Civil Engineering* (Hindawi Publishing Corporation)
- *Sustainability* (MDPI Publ.)
- *Fibers* (MDPI Publ.) – Topic board member
- *The Open Civil Engineering Journal* (Bentham Science Publishers)

#### **Research interests**

- Design and analysis of reinforced / prestressed concrete and masonry structures
- Testing of reinforced concrete members under static and cyclic loading
- Repair and strengthening of concrete members and structures (resin injections, Fibre-Reinforced-Polymer materials, reinforced cast-in-place concrete, self-compacting concrete and shotcrete jacketing)
- In-situ testing and capacity assessment of reinforced concrete structures
- Torsional analysis of plain, fibre, reinforced and prestressed concrete members
- Steel fibre reinforced concrete behaviour
- Damage detection and real time structural integrity assessment of concrete members using piezoelectric sensors

**Publications** (Could be downloaded in: <https://www.dropbox.com/sh/tjnev1md672colm/AADwmUpFPpw9iWjHezAhM8vQa?dl=0>):

#### **Doctoral dissertation**

1. C.E. Chalioris, “*Study of the Behaviour and the Failure Mechanisms of Plain and Reinforced Concrete Elements in Torsion*”, **Doctoral Dissertation**, Civil Engineering Dept., School of Engineering, Democritus University of Thrace, Xanthi, Greece, 440 pp., 1999.

#### **International refereed journals**

2. C.G. Karayannis, C.E. Chalioris, K.K. Sideris, “*Effectiveness of RC Beam-Column Connection Repairing using Epoxy Resin Injections*”, **Journal of Earthquake Engineering**, Vol. 2, No. 2, pp. 217-240, 1998.
3. C.G. Karayannis, C.E. Chalioris, “*Experimental Validation of Smeared Analysis for Plain Concrete in Torsion*”, **Journal of Structural Engineering**, ASCE, Vol. 126, No. 6, pp. 638-645, 2000.
4. C.G. Karayannis, C.E. Chalioris, “*Capacity of RC Joints Suffered Early-age Cyclic Loading*”, **Journal of Earthquake Engineering**, Vol. 4, No. 4, pp. 479-510, 2000.
5. C.G. Karayannis, C.E. Chalioris, “*Strength of Prestressed Concrete Beams in Torsion*”, **Structural Engineering and Mechanics**, Vol. 10, No. 2, pp. 165-180, 2000.
6. C.E. Chalioris, “*Experimental Study of the Torsion of Reinforced Concrete Members*”, **Structural Engineering and Mechanics**, Vol. 23, No. 6, pp. 713-737, 2006.
7. C.E. Chalioris, “*Analytical Model for the Torsional Behaviour of Reinforced Concrete Beams Retrofitted with FRP Materials*”, **Engineering Structures**, Vol. 29, No. 12, pp. 3263-3276, 2007.
8. C.E. Chalioris, “*Torsional Strengthening of Rectangular and Flanged Beams using Carbon Fibre-Reinforced-Polymers – Experimental Study*”, **Construction and Building Materials**, Vol. 22, No. 1, pp. 21-29, 2008.
9. C.G. Karayannis, C.E. Chalioris, G.M. Sirkelis, “*Local Retrofit of Exterior RC Beam-Column Joints using Thin RC Jackets – An Experimental Study*”, **Earthquake Engineering and Structural Dynamics**, Vol. 37, No. 5, pp. 727-746, 2008.
10. C.E. Chalioris, M.J. Favvata, C.G. Karayannis, “*Reinforced Concrete Beam-Column Joints with Crossed Inclined Bars under Cyclic Deformations*”, **Earthquake Engineering and Structural Dynamics**, Vol. 37, No. 6, pp. 881-897, 2008.
11. C.E. Chalioris, C.G. Karayannis, “*Effectiveness of the use of Steel Fibres on the Torsional Behaviour of Flanged Concrete Beams*”, **Cement and Concrete Composites**, Vol. 31, No. 5, pp. 331-341, 2009.
12. C.E. Chalioris, C.N. Pourzitidis, “*Rehabilitation of Shear-Damaged Reinforced Concrete Beams Using Self-Compacting Concrete Jacketing*”, **ISRN Civil Engineering**, Vol. 2012, Article ID 816107, 12 pages, 2012.
13. C.G. Karayannis, C.E. Chalioris, “*Design of Partially Prestressed Concrete Beams based on the Cracking Control Provisions*”, **Engineering Structures**, Vol. 48, pp. 402-416, 2013.

14. C.E. Chalioris, C.P. Papadopoulos, C.N. Pourzitidis, D. Fotis, K.K. Sideris, "Application of a Reinforced Self-Compacting Concrete Jacket in Damaged Reinforced Concrete Beams under Monotonic and Repeated Loading", **Journal of Engineering**, Vol. 2013, Article ID 912983, 12 pages, 2013.
15. C.E. Chalioris, "Steel Fibrous RC Beams subjected to Cyclic Deformations under Predominant Shear", **Engineering Structures**, Vol. 49, pp. 104-118, 2013.
16. C.E. Chalioris, "Analytical Approach for the Evaluation of Minimum Fibre Factor Required for Steel Fibrous Concrete Beams under Combined Shear and Flexure", **Construction and Building Materials**, Vol. 43, pp. 317-336, 2013.
17. C.G. Karayannis, C.E. Chalioris, "Shear Tests of Reinforced Concrete Beams with Continuous Rectangular Spiral Reinforcement", **Construction and Building Materials**, Vol. 46, pp. 86-97, 2013.
18. C.E. Chalioris, C.G. Karayannis, "Experimental Investigation of RC Beams with Rectangular Spiral Reinforcement in Torsion", **Engineering Structures**, Vol. 56, pp. 286-297, 2013.
19. C.E. Chalioris, G.E. Thermou, S.J. Pantazopoulou, "Behaviour of Rehabilitated RC Beams with Self-Compacting Concrete Jacketing – Analytical Model and Test Results", **Construction and Building Materials**, Vol. 55, pp. 257-273, 2014.
20. C.P. Providakis, C.G. Karayannis, C.E. Chalioris, M.J. Favvata, G.M. Angeli, N.A. Papadopoulos, "Usage of PZTs for Damage Evaluation of Steel Reinforcing Bar", **Scholars Journal of Engineering and Technology**, Vol. 3, No. 1B, pp. 80-93, 2015.
21. C.G. Karayannis, M.E. Voutetaki, C.E. Chalioris, C.P. Providakis, G.M. Angeli, "Detection of Flexural Damage Stages for RC Beams using Piezoelectric Sensors (PZT)", **Smart Structures and Systems**, Vol. 15, No. 4, pp. 997-1018, 2015.
22. C.E. Chalioris, N.A. Papadopoulos, G.M. Angeli, C.G. Karayannis, A.A. Liolios, C.P. Providakis, "Damage Evaluation in Shear-Critical Reinforced Concrete Beam using Piezoelectric Transducers as Smart Aggregates", **Open Engineering**, Vol. 5, No. 1, pp. 373-384, 2015.
23. C.G. Karayannis, C.E. Chalioris, G.M. Angeli, N.A. Papadopoulos, M.J. Favvata, C.P. Providakis "Experimental Damage Evaluation of Reinforced Concrete Steel Bars using Piezoelectric Sensors", **Construction and Building Materials**, Vol. 105, pp. 227-244, 2016.
24. C.E. Chalioris, C.G. Karayannis, G.M. Angeli, N.A. Papadopoulos, M.J. Favvata, C.P. Providakis "Applications of Smart Piezoelectric Materials in a Wireless Admittance Monitoring System (WiAMS) to Structures - Tests in RC Elements", **Case Studies in Construction Materials**, Vol. 5, pp. 1-18, 2016.
25. C.E. Chalioris, K.E. Bantilas, "Shear Strength of Reinforced Concrete Beam-Column Joints with Crossed Inclined Bars", **Engineering Structures**, Vol. 140, pp. 241-255, 2017.
26. C.E. Chalioris, P.-M.K. Kosmidou, N.A. Papadopoulos, "Investigation of a New Strengthening Technique for RC Deep Beams Using Carbon FRP Ropes as Transverse Reinforcements", **Fibers**, Vol. 6, No. 3, article number 52, 18 pages, 2018.
27. C.E. Chalioris, T.A. Panagiotopoulos, "Flexural Analysis of Steel Fibre Reinforced Concrete Members", **Computers and Concrete**, Vol. 22, No. 1, pp. 11-25, 2018.
28. C.G. Karayannis, P.-M.K. Kosmidou, C.E. Chalioris, "Reinforced Concrete Beams with Carbon-Fiber-Reinforced Polymer Bars - Experimental Study", **Fibers**, Vol. 6, No. 4, article number 99, 20 pages, 2018.
29. P.-M.K. Kosmidou, C.E. Chalioris, C.G. Karayannis, "Flexural/Shear Strength of RC Beams with Longitudinal FRP Bars - An Analytical Approach", **Computers and Concrete**, Vol. 22, No. 6, pp. 573-592, 2018.
30. C.E. Chalioris, P.-M.K. Kosmidou, C.G. Karayannis, "Cyclic Response of Steel Fiber Reinforced Concrete Slender Beams: An Experimental Study", **Materials**, Vol. 12, No. 9, article number 1398, 21 pages, 2019.
31. C.E. Chalioris, V.K. Kytinou, M.E. Voutetaki, N.A. Papadopoulos, "Repair of Heavily Damaged RC Beams Failing in Shear Using U-Shaped Mortar Jackets", **Buildings**, Vol. 9, No. 6, article number 146, 18 pages, 2019.

#### **National refereed journals (in Greek)**

32. C.G. Karayannis, C.E. Chalioris, "Torsional Behaviour of Reinforced Fibrous Concrete Elements", **Journal "Technika Chronika"**, Scientific Journal of Technical Chamber of Greece - A, Vol. 16, No. 1-2, pp. 53-67, 1996.
33. C.G. Karayannis, C.E. Chalioris, "Repair of R/C Elements using Damaged by Seismic Excitations using Resin Injections", **Journal "Scientific Review Ktirio"**, Vol. C, pp. 31-38, 1998.
34. C.G. Karayannis, C.E. Chalioris, "Experimental Investigation of Fiber – Concrete Behaviour in Direct Tension", **Journal "Scientific Review Ktirio"**, Vol. A, pp. 45-54, 2000.
35. C.G. Karayannis, C.E. Chalioris, "Influence of Steel-Fibers on the Capacity of Flanged Beams in Torsion", **Journal "Technika Chronika"**, Scientific Journal of Technical Chamber of Greece - A, Vol. 20, No. 2, pp. 111-122, 2000.

#### **Chapters in books**

36. Ang.A. Liolios, C.E. Chalioris, Ast.A. Liolios, S. Radev, K.A. Liolios, "A Computational Approach for the Earthquake Response of Cable-Braced Reinforced Concrete Structures under Environmental Actions", **Lecture Notes in Computer Science**, Vol. 7116, chapter in the book: "Large-Scale Scientific Computing", Lirkov et al. (eds.), pp. 590-597, 2012.
37. C.E. Chalioris, C.N. Pourzitidis, C.P. Papadopoulos, D. Fotis, "Flexural Rehabilitation of RC Beams using Self-Compacting Concrete Jacketing", **Advances in Civil Engineering and Building Materials**, CRC Press, Chang et al. (eds.), pp. 783-786, 2013.
38. C.E. Chalioris, "Optimum Dosage of Deformed Steel Fibres in Fibrous Concrete Beams Under Predominant Shear", **Advanced Materials Research**, Vol. 651, pp. 18-23, 2013.
39. C.E. Chalioris, F.A. Liotoglou, "Tests and Simplified Behavioural Model for Steel Fibrous Concrete under Compression", **Advances in Civil Engineering and Building Materials IV**, CRC Press, Chang et al. (eds.), pp. 195-200, 2015.

40. C.E. Chalioris, V.E. Tsioukas, C.G. Karayannis, “*Recording and Rehabilitation Procedures for Historic Masonry Buildings*”, **Computational Methods in Applied Sciences**, Vol. 37, chapter in the book: “Seismic Assessment, Behavior and Retrofit of Heritage Buildings and Monuments”, Psycharis et al. (eds.), pp. 341-364, 2015.

**International conferences without proceedings (invited papers)**

41. C.G. Karayannis, C.E. Chalioris (presenter), “*Smearred Crack Model for Plain Concrete in Torsion and Experimental Validation*”, **ACI-ASCE 445, Shear and Torsion Committee**, Toronto Convention “Torsion of Structural Concrete: Recent Advances”, Toronto, Canada, Oct. 2000.
42. C.G. Karayannis, C.E. Chalioris (both presenters), “*Torsion of Prestressed Concrete and Steel-Fiber Concrete Members*”, **ACI-445E Torsion of Structural Concrete Committee**, Structural Engineering Institute (SEI) of the ASCE “Structures Congress & Exposition”, Nashville, Tennessee, USA, May 2004.

**International refereed conferences with proceedings**

43. C.M. Economou, C. Prinou, C.E. Chalioris, C.G. Karayannis, “*Capacity Decrease of RC Joints due to Seismic Actions in the Curing Period*”, Proceedings of the **11th European Conference on Earthquake Engineering (11ECEE)**, Paris, France, Proceedings in electronic format, folder T2, paper name: ecocdo, Sept. 1998.
44. C.G. Karayannis, C.E. Chalioris (presenter), “*Strengthening of Shear T-beams using Carbon FRP*”, Proceedings of the **1st International Conference on Concrete Repair**, St-Malo, Brittany, France, Vol. 2, pp. 775-782, July 2003.
45. C.G. Karayannis, G.M. Sirkelis, C.E. Chalioris (presenter), “*Repair of Reinforced Concrete T-beam – Column Joints using Epoxy Resin Injections*”, Proceedings of the **1st International Conference on Concrete Repair**, St-Malo, Brittany, France, Vol. 2, pp. 793-800, July 2003.
46. C.E. Chalioris (presenter), “*Shear Performance of RC Beams using FRP Sheets Covering Part of the Shear Span*”, Proceedings of the **1st International Conference on Concrete Repair**, St-Malo, Brittany, France, Vol. 2, pp. 809-816, July 2003.
47. C.E. Chalioris (presenter), “*Cracking and Ultimate Torque Capacity of Reinforced Concrete Beams*”, Proceedings of the **International Symposia “Celebrating Concrete: People and Practice”**, University of Dundee, Scotland, UK, Vol. Role of Concrete Bridges in Sustainable Development, pp. 109-117, Sept. 2003.
48. C.G. Karayannis, C.E. Chalioris (presenter), “*Cyclic Testing of RC Connections in the Concrete Curing Period: Influence on the Final Capacity*”, Proceedings of the **International Symposia “Celebrating Concrete: People and Practice”**, University of Dundee, Scotland, UK, Vol. Role of Concrete in Sustainable Development, pp. 319-328, Sept. 2003.
49. C.G. Karayannis, C.E. Chalioris (poster presentation), “*Experimental Investigation of the Contribution of Bonded C-FRP jackets to Shear Capacity of RC Beams*”, Proceedings of the **International Symposia “Celebrating Concrete: People and Practice”**, University of Dundee, Scotland, UK, Vol. Role of Concrete in Sustainable Development, pp. 689-696, Sept. 2003.
50. C.G. Karayannis, C.E. Chalioris (presenter), P.D. Mavroeidis, “*Shear Capacity of RC Rectangular Beams with Continuous Spiral Transversal Reinforcement*”, **WIT Transactions on Modelling and Simulation**, Vol. 41, pp. 379-386, 2005, Proceedings of the **12th International Conference on Computational Methods and Experimental Measurements (CMEM 2005)**, Malta, June 2005.
51. C.E. Chalioris (presenter), “*Behaviour Model and Experimental Study for the Torsion of Reinforced Concrete Members*”, **WIT Transactions on the Built Environment**, Vol. 85, pp. 459-468, 2006, Proceedings of the **3rd International Conference on High Performance Structures and Materials (HPSM 2006)**, Ostend, Belgium, May 2006.
52. C.G. Karayannis, G.M. Sirkelis, C.E. Chalioris (poster presentation), “*Seismic Performance of RC Beam-Column Joints Retrofitted using Light RC Jacket – Experimental Study*”, Proceedings of the **1st European Conference on Earthquake Engineering and Seismology (ECEES)**, Geneva, Switzerland, Proceedings in CD, paper number 136, Sept. 2006.
53. C.E. Chalioris, C.G. Karayannis, M.J. Favvata, “*Cyclic Testing of Reinforced Concrete Beam-Column Joints with Crossed Inclined Bars*”, **WIT Transactions on Modelling and Simulation**, Vol. 46, pp. 623-632, 2007, Proceedings of the **13th International Conference on Computational Methods and Experimental Measurements (CMEM 2007)**, Prague, Czech Republic, July 2007.
54. C.E. Chalioris (presenter), “*Tests and Analysis of Reinforced Concrete Beams under Torsion Retrofitted with FRP Strips*”, **WIT Transactions on Modelling and Simulation**, Vol. 46, pp. 633-642, 2007, Proceedings of the **13th International Conference on Computational Methods and Experimental Measurements (CMEM 2007)**, Prague, Czech Republic, July 2007.
55. C.E. Chalioris, “*Behavioural Model of FRP Strengthened Reinforced Concrete Beams under Torsion*”, Proceedings of the **1st Asian Pacific Conference on FRP in Structures (APFIS 2007)**, Hong Kong, Republic of China, Vol. I, pp. 111-116, Dec. 2007.
56. C.E. Chalioris, M.J. Favvata, C.G. Karayannis, “*A New Method for the Seismic Rehabilitation of Old Exterior Reinforced Concrete Beam-Column Joints*”, Proceedings of the **7th European Conference on Structural Dynamics (Eurodyn 2008)**, Southampton, UK, Proceedings in electronic format, paper number E245, July 2008.
57. V. Tsioukas, V. Alexandri, C.G. Karayannis, C.E. Chalioris, “*Photogrammetry as a Tool to Record a Historic Building at Risk*”, Proceedings of the **22nd CIPA Symposium**, Kyoto, Japan, Proceedings in electronic format, paper number 44, Oct. 2009.
58. C.E. Chalioris, E.F. Sfiri, “*Shear Performance of Steel Fibrous Concrete Beams*”, **Procedia Engineering**, Vol. 14, pp. 2064-2068, 2011, Proceedings of the **12th East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-12)**, Hong Kong, Republic of China, Jan. 2011.
59. Ang.A. Liolios, C.E. Chalioris, K.A. Liolios, “*A Numerical Approach for the Seismic Analysis of Reinforced Concrete Structures Environmentally Damaged and Cable-strengthened*”, Proceedings of the **3rd Serbian (28th Yu) Congress on Theoretical and Applied Mechanics**, Vlasina lake, Serbia, paper number C-29, pp. 590-597, July 2011.

60. M.E. Voutetaki, C.P. Providakis, C.E. Chalioris, “*FRP Debonding Prevention of Strengthened Concrete Members under Dynamic Load using Smart Piezoelectric Materials (PZT)*”, Proceedings of the **15th European Conference on Composite Materials (ECCM15)**, Venice, Italy, Proceedings in electronic format, paper number 2170, June 2012.
61. C.E. Chalioris, C.N. Pourzitidis, “*Self-Compacting Concrete Jacketing – Tests and Analysis*”, **American Applied Sciences Research Institute (AASRI) Procedia**, Vol. 3, pp. 624-629, 2012, Proceedings of the **AASRI Conference on Modelling, Identification and Control (MIC 2012)**, Hong Kong, Republic of China, Dec. 2012.
62. C.E. Chalioris (presenter), M.J. Favvata, V.G. Alexandri, C.G. Karayannis, “*Rehabilitation of a Partially Collapsed Masonry Traditional Tobacco Warehouse of the late 19th Century*”, Proceedings of the **4th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2013)**, Kos, Greece, Proceedings in electronic format, paper number 1596, June 2013.
63. C.E. Chalioris (presenter), V.E. Tsioukas, M.J. Favvata, C.G. Karayannis, “*Recording Historic Masonry Buildings using Photogrammetry - Two Case Studies*”, Proceedings of the **4th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2013)**, Kos, Greece, Proceedings in electronic format, paper number 1597, June 2013.
64. C.G. Karayannis, C.E. Chalioris (presenter), “*Structural Upgrading of a 3-storey Heritage Structure of 1925 in Thessaloniki*”, Proceedings of the **4th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2013)**, Kos, Greece, Proceedings in electronic format, paper number 1598, June 2013.
65. C.P. Providakis, G.M. Angeli, M.J. Favvata, N.A. Papadopoulos, C.E. Chalioris (presenter), C.G. Karayannis, “*Detection of Concrete Reinforcement Damage using Piezoelectric Materials - Analytical and Experimental Study*”, **World Academy of Science, Engineering and Technology, International Journal of Civil, Architectural, Structural and Construction Engineering**, Vol. 8, No. 2, pp. 197-205, 2014, Proceedings of the **International Conference on Civil, Environmental and Structural Engineering (ICCESE 2014)**, Barcelona, Spain, Feb. 2014.
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#### **Citations (October 2019)**

- approximately 1500 citations (self-citations and citations from co-authors are excluded) are known in refereed journals, books, research reports (in USA Institutes and Universities), refereed conference proceedings and dissertations (dissertations in Democritus University of Thrace are excluded).

- SCOPUS: h-index: 17, over 880 citations (Author ID: 6507070963).  
h-index: 16, over 715 citations (excluding self-citations of all co-authors).

- Google Scholar: h-index: 21, over 1400 citations.