

Stephanos E. Dritsos*Professor*

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Born in Patras, Greece, 1951

AREAS OF SPECIALIZATION

Structural Engineering:

- Seismic Assessment and Redesign of Existing Structures
- Earthquake Engineering
- Repair and Strengthening of Concrete Structures
- Design of Concrete Structures
- Box-Beam Bridges

EDUCATION

- National Technical University of Athens, Diploma in Civil Engineering, 1975.
- University of Patras, Ph.D in Structural Engineering, 1986.

SOCIETY MEMBERSHIP

1. International Association of Bridge and Structural Engineering (IABSE Fellow).
2. Federation International du Beton (FIB).
3. New Zealand National Society for Earthquake Engineering.
4. International Council on Monuments and Sites (ICOMOS).
5. IABSE, Vice President of Hellenic Group (2009- today).
6. Technical Chamber of Greece.
7. Greek Society of Civil Engineers.
8. Hellenic Branch of Earthquake Engineering (ETAM).
9. Hellenic Scientific Organization for Concrete Research, Technical Chamber of Greece (TEE).
10. RILEM (Senior member)- until 2011.
11. American Society of Civil Engineers (ASCE) – until 2001.
12. American Concrete Institute (ACI) – until 2001.
13. Prestressed/Precast Concrete Institute (PCI) – until 2001.
14. Concrete Bridge Development Group (BCA), U.K. – until 2001.

COMMITTEE MEMBERSHIP

1. Scientific Committee of European Centre on Prevention and Forecasting of Earthquakes (Chairman) (2011- today).
2. fib Task Group: Retrofitting and Repair of Precast Structures in Seismic Areas, (2013-).
3. Chairman of the IABSE Working Group WG-7: Earthquake Resistant Structures, (Chairman) (2009-2013).
4. ISCARSAH of ICOMOS, International Scientific Committee on the Analysis and Restoration of Structures of Architectural Heritage, Corresponding Member (2008-today).
5. fib Task Group TG6.10: Precast Concrete Buildings in Seismic Areas- Practical Aspects, (2007-2012).

6. Earthquake Planning and Protection Organization (EPPO), Committee for the Assessment and Retrofitting Code of Masonry Structures, (chairman) (2011 - present).
7. Earthquake Planning and Protection Organization (EPPO), Committee for the Revision of the Greek Code of Structural Interventions, G.C.S.I., (chairman) (2012 - present).
8. Earthquake Planning and Protection Organization (EPPO), Committee for the Support of the Greek Code of Structural Interventions, G.C.S.I., (chairman) (2011 - present).
9. Earthquake Planning and Protection Organization (EPPO): Committee to propose the Procedure for the Second Level Seismic Assessment of Masonry Buildings, (chairman) (2010 - 2012).
10. Task Group of TEE (Technical Chamber of Greece)/Corfu Branch: Pilot Study on Seismic Assessment and Retrofitting of Heritage Masonry Buildings, (2009-2013).
11. Task Group of TEE/West Greece Branch: Task Group for Pilots Studies on Seismic Assessment and Retrofitting of Public Buildings in Patras, Pyrgos, Zakynthos, Kefallonia, (2008-2010).
12. Committee for the Revision of the Greek Code for Steel Reinforcement, (2005-2010).
13. Scientific Committee of TEE: Structural Engineering, (2005-2010).
14. Co-ordinating Committee of TEE/West Greece Branch: Seismic Risk and Strengthening of Existing Structures, (2003-2006).
15. Earthquake Planning and Protection Organization (EPPO): Committee to prepare the Greek Code for Assessment and Retrofit of Structures, (2001-2011).
16. Task Group of Institute for Economics Studies on Construction Industry: Technical Provisions for Repair and Strengthening Works, (2003 - 2005).
17. Earthquake Planning and Protection Organization (EPPO), Task Group: Recommendations for Design of R.C. Elements Strengthened with FRPs, (2003 - 2005).
18. Co-ordinating Committee of TEE/West Greece Branch: Rapid Visual Screening of Public Buildings of the County Achaia and Ilia, (2003 - 2005).
19. Earthquake Planning and Protection Organization (EPPO), Task Group: Guidelines for Assessment of Damage Level in Earthquake Damaged Buildings, (2001-2003).
20. Task Group of TEE for Seismic Protection of Existing Buildings, (2000-2001).
21. CEB Task Group III/3: Assessment and Redesign of Existing Reinforced Concrete Structures, (1994-1998).

ADMINISTRATIVE POSITIONS

- Vice president of the Department of Civil Engineering, University of Patras (2011-2013)
- Member of the Boarding Council of Earthquake Planning and Protection Organization (EPPO) (2010-today)
- Member of the Boarding Council of European Centre on Prevention and Forecasting of Earthquakes (2011- today)

PERMANENT INTERNATIONAL CO-OPERATION

- Centre for Cement and Concrete, University of Sheffield, Great Britain.
- Earthquake Engineering Research Centre, University of Bristol, Great Britain.

- School of Environment and Technology, University of Brighton, Great Britain
- Institut für Konstruktiven Ingenieurbau, Department für Bautechnik und Naturgefahren, Universität für Bodenkultur, Wien.

PARTICIPATION ON CONFERENCES' SCIENTIFIC COMMITTEES

- International IABSE Symposium: “Engineering for Progress, Nature and People”, Madrid 2014.
- International IABSE Conference: “Assessment Upgrading and Refurbishment of Infrastructures”, Rotterdam, 2013.
- C60 International Conference “Tradition and Innovation” Cluj , Romania 2013.
- 18th IABSE Congress on “Innovative Infrastructures Toward Human Urbanism”, Seoul, Korea, 2012.
- 3rd International Symposium on Life-Circle Civil Engineering, Vienna, Austria, 2012.
- Chairman of the SC of the 1st International Conference “New Trends and Challenges in Civil Engineering Education”, EUCEET, Patras, 2011.
- 1st International Conference on Disaster Management and Human Health Risk, New Forest, U.K., 2009.
- 7th International Conference on Earthquake Resistant Engineering Structures, Limasoll, 2009.
- 16^o Hellenic Conference on Concrete, Pafos Cyprus, 2009.
- 10th Pan American Congress on Applied Mechanics, Cancun, Mexico, 2008.
- 3rd Hellenic Conference on Earthquake Engineering and Technical Seismology, Athens, 2008.
- 1st Hellenic Conference on Materials and Elements of Structures, Athens, 2008.
- 6th International Conference on Earthquake Resistant Engineering Structures, Bologna, Italy, 2007.
- 15th Hellenic Conference on Concrete, Alexandroupoli, 2006.
- 5th International Conference on Earthquake Resistant Engineering Structures, Skiathos, Greece, 2005.
- 14th Hellenic Conference on Concrete, Kos, 2003.
- 2nd Hellenic Conference on Earthquake Engineering and Technical Seismology, Thessaloniki, 2001.

REVIEWER OF BOOKS AND PAPERS IN JOURNALS

Reviewer of Books:

- “*Assessment of Seismic Damage, Repairs and Strengthening of Traditional and Monumental Buildings*”, Verras D., Vintzeleou E. and Triantafillou A. (2004), publication of the Greek Open University, p. 498.
- “*Principles of Technology of Structures*”, Apostolopoulos C., Bousias S., Tsakanika P. and Fikiris (2003), publication of the Greek Open University, p. 328.

Member of the Editorial Board of the Wessex Institute of Technology for a book series on Earthquake Engineering.

Reviewer for Journals:

Engineering Structures, Journal of Soil Dynamics and Earthquake Engineering, Structural Engineering and Mechanics, Construction and Building Materials, Earthquake and Structures, IABSE Structural Engineering International, ASCE Journal of Structural Engineering and Technica Chronika.

INVITED LECTURES

- Workshop: Including People with Disabilities in Disaster Preparedness and Response, EUR-OPA, European Council, Paris, 2013.
- 3rd Hellenic Conference on Earthquake Engineering and Technical Seismology, Athens, 2008.
- 6th International Conference on Earthquake Resistant Engineering Structures, Bologna, Italy, 2007.
- 15th Hellenic Conference on Concrete, Alexandroupoli, 2006.
- 5th International Conference on Earthquake Resistant Engineering Structures, Skiathos, Greece, 2005.
- 14th Hellenic Conference on Concrete, Kos, 2003.

ACADEMIC POSITIONS

- 2007-present : Professor, *Design and Redesign of Concrete Structures*, Department of Civil Engineering, University of Patras, Greece.
- 1998-2007 : Assoc. Professor, Department of Civil Engineering, University of Patras, Greece.
- 1992-1998 : Assistant Professor, Department of Civil Engineering, University of Patras, Greece. (On leave from Aug. 1995 to Feb.1996).
- 1995-1996 : Visiting Academic, Earthquake Engineering Research Centre, University of Bristol, Great Britain, (6 months).
- 1991-1992 : Visiting Lecturer, Department of Civil and Structural Engineering, University of Sheffield, Great Britain, (12 months).
- 1987-1991 : Lecturer, Department of Civil Engineering, University of Patras, Greece. (On leave from Sept. 1, 1991 to Aug. 30, 1992).
- 1978-1987 : Teaching Assistant, Department of Civil Engineering, University of Patras, Greece.

PROFESSIONAL AND TECHNICAL EXPERIENCE

- 1980-present : Technical Consultant on Design and Redesign of Constructions.
- 1994-1995 : Visiting Academic in Concrete Repairs Ltd., Great Britain (4 months).
- 1979-1992 : Professor at Technical Institute of Patras.
- 1975-1980 : License to practice in Civil Engineering in Greece.
- 1973-1975 : Assistant Engineer, "Domiki", s.a, Athens, Greece.

TEACHING

1. Repair and Strengthening of Concrete Structures.
Under-graduate course, Department of Civil Engineering, University of Patras.
Teaching of the full course, (1989-present).
2. Design of Reinforced Concrete Bar Elements.
Under-graduate course, Department of Civil Engineering, University of Patras.
Teaching of the full course, (1986-present).
Teaching of the Tutorials and Lab Demonstration, (1978-1986).
3. Stability of Structures
Under-graduate course, Department of Civil Engineering, University of Patras.
Teaching of the full course, (1986-1993).
4. Construction Materials.
Under-graduate course, Department of Civil Engineering, University of Patras.
Teaching of the full course, (1987-1993).

5. Introduction in Civil Engineering, Participation with other Academic Staff of the Department of Civil Engineering of Patras, (2000-2009).

Teaching in Postgraduate Programmes

6. Redesign of Structures.
Post-graduate course, Department of Civil Engineering, University of Patras.
Teaching of the full course, (1994-present).
7. Assessment of Earthquake Damages-Repair and Strengthening of Buildings.
Greek Open University, Coordinator of the Course and Tutor (2005-present).

Participation in Teaching, Department of Civil and Structural Engineering, University of Sheffield.

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| Design of Structures | (1991-92, two semesters) |
| Structural Dynamics (Earthquake Engineering) | (1992, one semester) |

OTHER ACADEMIC ACTIVITIES

- Chairman of the Team for Internal Assessment at the Department of Civil Engineering at University of Patras.
- Departmental coordinator of the European Educational and Training Programmes: (a) European Credit Transfer System (ECTS) (b) European Civil Engineering Education and Training Network Project (EUCEET) and (c) European Civil Engineering Education and Training Association.
- Editor of the proceedings of the 1st International Conference “New Trends and Challenges in Civil Engineering Education”, EUCEET, Patras, 2011.
- Supervisor of more than 100 Diploma Dissertation Theses, 20 Master Theses and 4 PhD Theses.
- Academic organization of nineteen student conferences on the “Repair of Structures”.
- Editor of the proceedings of nineteen Student Conferences entitled “Repair of Structures” (1995-2013).
- Webmaster of the website www.episkeves.upatras.gr.
- Participation on advisory and examining committees for a considerable number of doctorate theses in the Department of Civil Engineering at the University Patras, Aristotle University of Thessaloniki, National Technical University of Athens, University of Sheffield UK and Indian Institute of Technology Kanpur.

PROJECTS

1. Coordination of “*Technical Consultancy on the Study of Seismic Assessment and Retrofitting of the Central Hospital Building in Patras*”, funded by DEPANOM, 2008.
2. Participation in “*First Level Seismic Assessment in the Prefectures of Arkadia, Korinthia, Aitoloakarnania and Fokida*”, funded by the Greek Organization of School Buildings with Professor S. Anagnostopoulos as head of the coordinating team, 2006-2007.
3. Participation in “*First Level Seismic Assessment in the Prefectures of Messinia, Illia, Zante and Lefkada*”, funded by the Greek Organization of School Buildings with Professor S. Anagnostopoulos as head of the coordinating team, 2005.
4. “*Seismic Assessment of the Scouts Building in Sami (Kefallonia) and Proposed Measures*”, funded by the Municipality of Sami with Professor. S. Anagnostopoulos as head of the coordinating team, 2005.

5. Participation in “*First Level Seismic Assessment in the Prefectures of Achaia and Iliia*”, funded by the Greek Organization of School Buildings with Professor S. Anagnostopoulos as head of the coordinating team, 2004.
6. Participation in the research project “*ARISTION*”, funded by the Greek General Secretariat for Research and Technology, 2003-2007.
7. Participation in “*Seismic Assessment of the Matzavination Hospital Building in Lixuri and Proposed Measures*”, funded by the Greek Ministry of Health and Social Solidarity with Professor S. Anagnostopoulos as head of the coordinating team, 2003-2004.
8. Coordination of “*Seismic Assessment of the Main Building of the National Bank of Greece in Patras*”, funded by the National Bank of Greece, 2002-2003.
9. Coordination of “*Greek Aseismic Code, 2000*” and “*Greek Code for Reinforced Concrete, 2000*” programmes for the diffusion of new knowledge to the scientific staff of the Workers Housing Organization relating to the implementation of the new Greek Aseismic and Reinforced Concrete Codes, funded by the Workers Housing Organization, 2002.
10. Participation in “*Development of Guidelines for the Redesign of Earthquake Damaged Buildings*” (participants: the University of Patras, the Aristotle University of Thessaloniki, the National Technical University of Athens, the Institute of Engineering Seismology and Earthquake Engineering and four Consulting Engineers), funded by OASP, 2001-2005.
11. Coordination of “*Development of Study for the Syntax of Guidelines and Special Bulletins to Estimate the Rate of Damage of Earthquake Damaged Buildings*”, funded by OASP, 2001-2003.
12. Coordination for the University of Patras Research Programme entitled: “*Actualisation, Constitution and Governing Specifications for the Repair Methods of Earthquake Damaged Buildings*”, funded by OASP, 2001-2003.
13. Participation in “*Syntax Regulations for Interventions*”, funded by OASP, 2000-2006.
14. Coordination of “*Seismic Assessment of the Main Building of the National Bank of Greece in Patras*”, funded by the National Bank of Greece, 1999-2000.
15. Coordination of “*Behaviour of Framed Structures Strengthened by Reinforced Jackets*”, funded by the General Secretariat of Research and Technology, 1999-2002.
16. Coordination of “*Assessment of Earthquake Resistance of Heritage Masonry Buildings*” (participants: the University of Patras, the University of Ljubljana and ETANE s.a.), funded by Slovenia-Greece Joint Research and Technology Programmes, 1999-2001.
17. Coordination of “*Upgrading of Cement Based Structural Elements and the Development of New Ones*” (participants: TSIMENTODOMI s.a. and the University of Patras), funded by the Greek General Secretariat for Research and Technology, 1999-2001.
18. Coordination of “*Development of Guidelines for the Design of Concrete Structures, Reinforced, Prestressed or Strengthened with Advanced Composites*” (participants: the University of Sheffield UK, the Institute of Polymer Mechanics, the University of Patras, eight other European Universities and two industrial firms), funded by the European Commission TMR Research Network, 1998-2001.

19. Coordination of “*Training of New Civil Engineers and Architects of the Autocephalous Church of Albania on issues of Design and Redesign of Structures*”, (in collaboration with the University of Patras and the Technical Chamber of Western Greece), 1997.
20. Participation in “*Effect of Degradation and Environmental Actions on the Safety of the Palamas School Building in Messologi*”, funded by Etolokarnania Prefecture, 1998.
21. Coordination of “*Modern Techniques and Materials of Structures*” (in collaboration with the Centre for Cement and Concrete of the University of Sheffield UK), funded by the Governing Body of the Region of Western Greece from EKT resources, 1997-1998.
22. Participation in “*Restoration and Maintenance of Buildings and Holy Artefacts of the Abbeys of Mount Athos*”, 1996-1997.
23. Participation in “*Retrofit and Strengthening Design of the TEL Three-storey Lecture Hall Building in Nafpaktos*”, funded by Etolokarnania Prefecture, 1996.
24. Participation in “*Effects of Environmental Actions on the Safety of the TEL Building in Nafpaktos and Proposed Measures*”, funded by Etolokarnania Prefecture, 1995-1996.
25. Participation in “*Rehabilitation-Fixing-Installation and the Adaptation of the Mansion of Kalabrita Paleologninas Cultural Centre*”, funded by the Ministry of Culture, 1995-1997.
26. Participation in “*Growth and Production of New Structural Materials and Products from Pumice and Magnesite*”, funded by the General Secretariat of Research and Technology, 1995-1997.
27. Participation in “*Investigation of the Causes of Durability Problems of Cooling Towers in Megalopolis and Ptolemais and Proposals for Protection Measures*”, funded by the Power Corporation, 1994-1995.
28. Participation in the European Union Large Installation Programme for ECOEST, 1993-1999.
29. Participation in “*Research on Physiochemical Parameters of Marine Space and Dynamic Biological Pollution on Underwater of Structures in the Rio-Antirrio Region for the Work of Bridge*”, funded by the Hellenic Ministry for the Environment, Physical Planning and Public Works, 1991-1992.
30. Coordination of “*Repair of Earthquake Damaged Reinforced Concrete Elements*”, funded by the special account of the technological educational institution of Patras, 1990-1993.
31. Participation in “*Development of the Study and Evaluation of Damage of Extensions in Elevation in the Earthquakes of Kalamata*”, funded by the Greek Earthquake Planning and Protection Organization, 1987.
32. Participation in “*Research and Evaluation of Damage of Extensions in Elevation in the Earthquakes of Kalamata*”, funded by the Greek Earthquake Planning and Protection Organization, 1986-1987.

SCIENTIFIC PUBLICATIONS

Papers in International Refereed Journals

1. D. MALLICK, S. DRITSOS and D. SONDA (2013), “*Construction and Strengthening of Non-Engineered Buildings in Developing Seismic Prone Countries*” Structural Engineering International, Journal of the International Association for Bridge and Structural Engineering (IABSE), Vol. 23, pp. 225-228.

2. S. DRITSOS and J. MOSELEY (2013), "*A Fuzzy Logic Rapid Screening Procedure to Identify Buildings at Seismic Risk*". Werkstoffe und Konstruktionen; Innovative Ansätze. Ernst and Sohn Special; pp. 136-143.
3. O. TSIIOULOU, A. LAMROPOULOS, and S. DRITSOS (2012), "*Experimental Investigation of Interface Behaviour of RC Beams Strengthened with Concrete Layers*", Construction and Building Materials Journal, Vol. 40, pp. 50-59.
4. A. LAMROPOULOS, O. TSIIOULOU and S. DRITSOS (2012), "Biaxial Stress State due to Restrained Shrinkage in Concrete Jackets of Strengthened Columns", ACI Materials Journal, Vol. 109(3), pp. 331-340.
5. A. LAMROPOULOS, O. TSIIOULOU and S. DRITSOS (2011), "Monolithic Coefficient Values for Design when Seismically Strengthening RC Columns with Jackets", Journal of Earthquake Engineering, Vol. 16(7), pp. 1023-1042.
6. A. LAMROPOULOS and S. DRITSOS (2011), "*Modeling of RC Columns Strengthened with RC Jackets*", Journal of Earthquake Engineering and Structural Dynamics, Vol.40 (15) , pp. 1689-1705.
7. O. TSIIOULOU and S. DRITSOS (2011), "*A Theoretical Model to Predict Interface Slip due to Bending*", RILEM – Materials and Structures, Vol. 44(4), pp. 825-843.
8. A. LAMROPOULOS and S. DRITSOS (2011), "*Concrete Shrinkage Effect on the Behavior of RC Columns under Monotonic and Cyclic Loading*", ELSEVIER – Construction and Building Materials, Vol. 25(4), pp. 1596-1602.
9. A. LAMROPOULOS and S. DRITSOS (2010), "*Concrete Shrinkage Effect on Columns Strengthened with Concrete Jackets*", IABSE – Structural Engineering International, Vol. 20, No 3, pp. 234-239.
10. G. SIAHOS and S. DRITSOS (2010), "*Procedural Assumption Comparison for Old Buildings Via Pushover Analysis Including the ASCE 41 Update*", Earthquake Spectra, Earthquake Engineering Research Institute, Vol.26, No(1).
11. D. BAROS and S. DRITSOS (2008), "*A Simplified Procedure to Select a Suitable Retrofit Strategy for Existing RC Buildings Using Pushover Analysis*", Journal of Earthquake Engineering, Vol.12, pp. 823-848.
12. K. VANDOROS and S. DRITSOS (2008), "*Concrete Jacket Construction Detail Effectiveness when Strengthening RC Columns*", Journal of Construction and Building Materials, Vol. 22, No(3), pp 264-276.
13. S. DRITSOS (2007), "*Seismic Strengthening of Columns By Adding New Concrete*", Bulletin of the New Zealand Society for Earthquake Engineering, Vol.40, No(2), pp. 49-67.
14. V.J. MOSELEY, S. DRITSOS and D. KOLAKSIS (2007), "*Pre-earthquake Fuzzy Logic and Neural Network Based Rapid Visual Screening of Buildings*" Structural Engineering and Mechanics Journal, Vol.27, No1, pp.77-97.
15. V. BARDAKIS and S. DRITSOS (2006), "*Evaluating Assumptions for Seismic Assessment of Existing Buildings*", Journal of Soil Dynamics and Earthquake Engineering , Vol.27, pp. 223-233.
16. K. VANDOROS and S. DRITSOS (2006), "*Axial Preloading Effects when Reinforced Concrete Columns are Strengthened by Concrete Jackets*", Journal of Progress in Structural Engineering and Materials, Vol.8, No(3), pp. 79-92.
17. K. DEMARTINOS and S. DRITSOS (2006), "*First Level Pre-Earthquake Assessment of Buildings Using the Fuzzy Logic Method*", Earthquake Spectra Journal, Vol. 22, No.4, pp. 865-885.

18. K. VANDOROS and S. DRITSOS (2006), "*Interface Treatment in Shotcrete Jacketing of Reinforced Concrete Columns to Improve Seismic Performance*", Structural Engineering and Mechanics Journal, Vol. 23, No.1, pp. 43-61.
19. S. DRITSOS (2005), "*Seismic Retrofit of Buildings – A Greek Perspective*", Bulletin of the New Zealand Society for Earthquake Engineering, Vol.38, No.3, pp. 165-181. (The paper was republished in the Journal of Earthquake Engineering Practice, March 2007, Vol.1, pp. 95-111).
20. S. DRITSOS (1997), "*Jacket Retrofitting of Reinforced Concrete Columns*", Journal of Construction Repair, Vol. 11, No.4, pp. 35-40.
21. M. FRANGO, K. PILAKOUTAS and S. DRITSOS (1995), "*Structural Repair/Strengthening of RC Columns*", Journal of Construction and Building Materials, Vol.9, No 5, pp. 259-266.
22. S. DRITSOS, K. PILAKOUTAS and E. KOTSIRA (1995), "*Effectiveness of Flexural Strengthening of RC Members*", Journal of Construction and Building Materials, Vol. 9, No 3, pp. 165-171.
23. S. DRITSOS (1995) "*Seismic Strengthening of Existing Reinforced Concrete Buildings in Greece*", Journal of Structural Engineering, Vol. 22, No. 1, pp. 11-20.
24. K. PILAKOUTAS, S. HAFEEZ and S. DRITSOS (1994), "*Residual Bond Strength of Polymer Adhesive Anchored Reinforcement. Subjected to High Temperatures*", Journal of Materials and Structures, Vol. 27, pp. 527-531.
25. S. DRITSOS and K. PILAKOUTAS (1992), "*Repair/Strengthening Methods for Damaged R.C. Columns*", The International Journal of Construction Maintenance and Repair, Vol. 6, No. 1, pp. 27-30.
26. S. DRITSOS (1991), "*Distortion of Concrete Box-Beams Due to Eccentric Transverse Loads*", Journal of Structural Engineering, ASCE, Vol. 117, No. 1, pp. 29-47.
27. G. STEFANO, S. DRITSOS and G. BAKAS (1983), "*The Effects of Additional Deformations in Box-Beam Bridges on the Longitudinal Stresses and Transverse Moments*" Computers and Structures, Vol. 16, No. 5, pp. 613-628.
28. G. STEFANO, S. DRITSOS and G. BAKAS (1980), "*A Study of Deformations in Single-Cell Box-Beam Sections and their Effects on Longitudinal Stresses and Transverse moments*" (Synopsis). The Structural Engineer, Vol. 58B, No. 4.

Papers in International Conference Proceedings

1. S. DRITSOS (2013), "*Differences in the Design of Interventions According to EC 8 Part 3 and the Greek CSI*", Athens Workshop: Implementation of the EC 8-p.3: 2005 Assessment and Interventions, on Buildings in Earthquake Prone Areas, April 12/2013, Athens.
2. A. LAMPROPOULOS, O. TSILOULOU and S. DRITSOS (2013), "*Restrained Concrete Shrinkage in Case of Strengthening Bridge Piers by Concrete Jacketing*", 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Kos, Greece, CD Proc. No 1603.
3. O. TSILOULOU, A. LAMPROPOULOS, E. APOSTOLIDI, N. KARELA and S. DRITSOS (2013), "*Strengthening Of Bridge Decks By Adding New Concrete Layers*", 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Kos, Greece, CD Proc. No 1499.
4. E. APOSTOLIDI, N. KARELA and S. DRITSOS (2012), "*Upgrading Reinforced Concrete Structures By Adding New Concrete*", IABSE Spring Conference 2013:

- Assessment, Upgrading and Refurbishment of Infrastructures, Rotterdam, The Netherlands. Full in CD Poc. and Abstract Proc. pp. 528-529.
5. S. DRITSOS, E. APOSTOLIDI and N. KARELA (2012), "*Strategies and Methods to Increase the Life-Cycle of RC Buildings in Seismic Prone Areas*", IALCCE 2012: 3th International Symposium on Life-Cycle Civil Engineering, Vienna, Austria, 2012, pp. 1152-1158.
 6. A. LAMPROPOULOS and S. DRITSOS (2012), "*Numerical Investigation of the Effect of Bond Slip and Concrete Shrinkage*," 4th International Symposium, Bond in Concrete, Bond, Anchorage, Detailing, Vol.1, pp. 209-216, Brescia, Italy.
 7. E. APOSTOLIDI, S. DRITSOS and N. KARELA (2012), "*Bond between Old-to-New Concrete Interfaces*", 4th International Symposium, Bond in Concrete, Bond, Anchorage, Detailing, Vol.1, pp. 1015-1022, Brescia, Italy.
 8. V. MOSELEY and S. Dritisos (2011), "*Civil Engineering Education and the Bologna Declaration: A Greek Retrospective*", EUCEET New Trends and Challenges in Civil Engineering Education, CD Proceedings, Abstracts Proceedings, pp. 53-54, Patras, Greece.
 9. G. SIACHOS, E. APOSTOLIDI and S. DRITSOS (2010), "*Comparison of Fema and EC8 Procedures for Seismic Assessment of Existing Buildings Via Pushover Analysis*", Joint IABSE-fib Conference on Codes in Structural Engineering, Developments and Needs for International Practice, Dubrovnik, Croatia, Vol. 2, pp. 1269-1276.
 10. A. LAMPROPOULOS and S. DRITSOS (2008), "*Numerical Study of the Effects of Preloading, Axial Loading and Concrete Shrinkage on Reinforced Concrete Elements Strengthened by Concrete Layers and Jackets*", 2008 Seismic Engineering Conference Commemorating the 1908 Messina and Reggio Calabria Earthquake, Vol.1, pp. 1203-1210, Reggio Calabria, Italy.
 11. E. ATHANASOPOULOU, V. DESPOINIADOU and S. DRITSOS, (2008), "*The Impact of Earthquakes on the City of Aigio in Greece. Urban Planning as a Factor in Mitigating Seismic Damage*", 2008 Seismic Engineering Conference Commemorating the 1908 Messina and Reggio Calabria Earthquake, Vol.1, pp. 1899-1907, Reggio Calabria, Italy.
 12. O. TSIIOULOU, A. LAMPROPOULOS, N. KARELA and S. DRITSOS (2008), "*Sliding at the Interface of Concrete Beams Strengthened with Concrete Layers*", 10th Pan American Congress of Applied Mechanics, p.p. 260-263, Cancun, Mexico.
 13. A. LAMPROPOULOS, O. TSIIOULOU, N. KARELA and S. DRITSOS (2008), "*Numerical Investigation of the Effects of Preloading and Concrete Shrinkage on Columns Strengthened with Concrete Jackets*", 10th Pan American Congress of Applied Mechanics, p.p. 247-250, Cancun, Mexico.
 14. S. DRITSOS (2007), "A Possible Framework for Design of R.C. Elements Strengthened with New Concrete", IABSE Conference, Improving Infrastructure Worldwide, Weimar.
 15. A. LAMPROPOULOS and S. DRITSOS (2007), "*Finite Element Analysis of Strengthened RC Columns Subjected to Cyclic Loading*", 8th HSTAM International Congress on Mechanics, pp. 493-500, Patras.
 16. S. DRITSOS (2007), "*Towards a European Code for Seismic Assessment and Strengthening of Existing Buildings*", Invited Lecture, Proc. of the 6th International Conference on Earthquake Resistant Engineering Structures, pp. 365-374, Bologna, Italy.

17. P. KAPETANA and S. DRITSOS (2007), "*Seismic Assessment of Buildings by Rapid Visual Screening Procedures*" Proc. of the 6th International Conference on Earthquake Resistant Engineering Structures, pp. 409-418, Bologna, Italy.
18. A. LAMPROPOULOS, O. TSILOULOU and S. DRITSOS (2007), "*Effect of Connection Procedures in the Behaviour of RC Columns Strengthened with R.C. Layers and Jackets*", Proc. of the 6th International Conference on Earthquake Resistant Engineering Structures, pp. 399-408, Bologna, Italy.
19. S. DRITSOS (2006), "*A Design Framework for Retrofitted R.C. Elements*", Proc. of the 11th International Conference on Structural Faults and Repair-2006, CD Proceedings, Edinburgh.
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