

Curriculum Vitae

Personal information

Surname(s) / First name(s):	Soulioti Dimitra
Date of birth:	26/3/1982
Place of Birth:	Ioannina, Greece
Nationality:	Hellenic
Gender:	Female
Address:	Stefanou Mpaltogianni 13, PO Box: 606, Pedini, Ioannina, Greece
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Education

Dates	1999-2005
Title of qualification awarded	Diploma in Civil Engineering (Degree Grade : 7,11/10)
Name and type of organisation providing education and training	Department of Civil Engineering, Aristotle University of Thessaloniki, Greece
Dates	2005-
Title of qualification awarded	PhD candidate, PhD Thesis Title: “ Study of the Fibers’ Effect on the Mechanical Behavior of Steel Fiber Concrete ”
Name and type of organisation providing education and training	Department of Materials Science and Engineering, University of Ioannina, Greece

Work experience / Research projects

Dates	2/2007- 6/2007
Occupation or position held	Trainer in Institute of Vocational Training in Ioannina, Greece (2^o “IEK” of Ioannina), “Structural Engineering Technician” Specialty, Specialty Course: “Strength of Materials”
Dates	10/2007-2/2008
Occupation or position held	Trainer in Institute of Vocational Training in Ioannina Greece (2^o “IEK” of Ioannina) at “Structural Engineering Technician” Specialty, Specialty Course: “Practical Exercises”
Dates	2008 –
Occupation or position held	Participation in the lecture of the undergraduate course: “Experimental Mechanical Behavior and Quality Control” in Department of Materials Science & Engineering (Ioannina, Greece) - Mechanics, Smart Sensors & Nondestructive Evaluation Laboratory
Dates	2009 -
Occupation or position held	Participation in the lecture of the undergraduate course: “Laboratory of Concrete Technology” in Department of Materials Science & Engineering (Ioannina, Greece) - Mechanics, Smart Sensors & Nondestructive Evaluation Laboratory
Dates	2009-2010
Occupation or position held	Participation in the research project “Measurement of toughness and flexural strength parameters of fiber concrete specimens”

Dates	2009-2012
Occupation or position held	Participation in the research project (IAPETUS) “Innovative Repair of Aerospace Structures with Curing Optimization and Life Cycle Monitoring Abilities” , Project No. ACP8-GA-2009-234333
Dates	2012 -
Occupation or position held	Participation in the research project “Optimal operation and maintenance of bridges and road networks” (This research project has been co-financed by the European Union (European Regional Development Fund- ERDF) and Greek national funds through the Operational Program “THESSALY- MAINLAND GREECE AND EPIRUS- 2007-2013” of the National Strategic Reference Framework (NSRF 2007-2013))

Publications

<i>Publications in International Refereed Journals</i>	<ol style="list-style-type: none"> 1. D. G. Aggelis, D. V. Soulioti, E. Gatselou, N. M. Barkoula, T. E. Matikas, “<i>Monitoring of the mechanical behavior of concrete with chemically treated steel fibers by acoustic emission</i>”, Construction and Building Materials, published online, doi : http://www.sciencedirect.com/science/article/pii/S0950061812004588, (2012) 2. D. G. Aggelis, D. V. Soulioti, N. M. Barkoula, A. S. Paipetis, T. E. Matikas, “<i>Influence of fiber chemical coating on the acoustic emission behavior of steel fiber reinforced concrete</i>”, Cement and Concrete Composites 34(1) (2012), 62-67
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*Publications in International
Refereed Journals*

3. **Soulioti D.V.**, Barkoula N.M., Paipetis A., Matikas T.E., “*Effects of fiber geometry and volume fraction on the flexural behavior of steel-fiber reinforced concrete*”, *Strain* 47 (2011) e535-e541
4. Aggelis D.G, **Soulioti D.V.**, Sapouridis N., Barkoula N.M, Paipetis A, Matikas T.E., “*Acoustic emission characterization of the fracture process in fibre reinforced concrete*”, *Construction and Building Materials* 25(11) (2011), 4126-4131
5. D.G. Aggelis , E.Z. Kordatos, M. Strantza, **D.V. Soulioti**, T.E. Matikas, “*NDT approach for characterization of subsurface cracks in concrete*”, *Construction and Building Materials* 25(7) (2011), 3089-3097
6. D. Aggelis, **D. Soulioti**, N. Barkoula, A. Paipetis, T. Matikas, T.Shiotani, “*Acoustic emission monitoring of steel-fiber reinforced concrete beams under bending*”, *Journal of Acoustic Emission* 28 (2010)
7. Aggelis D.G., Kordatos E.Z., **Soulioti D.V.**, Matikas T.E., “*Combined use of thermography and ultrasound for the characterization of subsurface cracks in concrete*”, *Construction and Building Materials* 24(10) (2010), 1888-1897
8. **Soulioti D.**, Barkoula N.M., Paipetis A., Matikas T.E., T.Shiotani, Aggelis D.G., “*Acoustic emission behavior of steel fibre reinforced concrete under bending*”, *Construction and Building Materials* 23 (2009) 3532–3536

Conference Proceedings

Selected Conference Proceedings

✓ **15 publications in Conference Proceedings since 2008**

D. G. Aggelis, **D. Soulioti**, N. M. Barkoula, A. Paipetis, T. Matikas T. Shiotani , “*Acoustic emission monitoring of steel fibre reinforced concrete beams under bending load*”, 19th International Symposium on Acoustic Emission, 9-11 December, 2008, Kyoto, Japan

Aggelis, D.G., **Soulioti, D.**, Barkoula, N.M., Paipetis, A.S., Matikas, T.E., Shiotani, T., “*Acoustic emission of steel-fiber concrete under four-point bending*”, Proceedings of SPIE 2009 - The International Society for Optical Engineering 7294, art. No. 729407, San Diego

D. G. Aggelis, **D.V. Soulioti**, N. Sapouridis, N. M. Barkoula, A.S. Paipetis, T. E. Matikas, “*Characterization of the damage process in fibre reinforced concrete using acoustic emission parameters*”, 3th International Congress and Exhibition Structural Faults and Repair 15th – 17th June 2010, Edinburgh

D. G. Aggelis, **D.V. Soulioti**, N. Sapouridis, N. M. Barkoula, A. S. Paipetis, T. E. Matikas “*Acoustic emission characterization of steel fibre reinforced concrete during bending*”, Proceedings of SPIE 2010, 7649, Art. No. 764912, San Diego

D. G. Aggelis, **D. Soulioti**, N. Sapouridis, N. M. Barkoula, T. E. Matikas, A. Paipetis “*Fracture of fibre reinforced concrete monitored by acoustic emission*”, First Greek-Ukrainian Conference on Fracture Mechanics of Materials and

<p><i>Selected Conference Proceedings</i></p>	<p>Structures 2010, 20-23 October 2010, Xanthi</p> <p>E. Z. Kordatos, M. Strantza, D. V. Soulioti, T. E. Matikas, D. G. Aggelis, “<i>Combined NDT methods for characterization of subsurface cracks in concrete</i>”, Proceedings of SPIE, 2011, Society for Optical Engineering 7982, art. no. 79820W, San Diego</p> <p>D. G. Aggelis, D. V. Soulioti, E. Gatselou, N. M. Barkoula, A. Paipetis, T. E. Matikas, “<i>Effect of fiber surface conditioning on the acoustic emission behavior of steel fiber reinforced concrete</i>”, Proceedings of SPIE, 2011, The International Society for Optical Engineering 7983, art. no. 79830V, San Diego</p> <p>E.Z. Kordatos, D.V. Soulioti, M. Strantza, T.E. Matikas, D.G. Aggelis, “<i>Thermography and Ultrasound for Characterizing Subsurface Defects in Concrete</i>”, NDTMS 2011, 15-18 May 2011, Istanbul</p> <p>D. G. Aggelis, D.V. Soulioti, N.M. Barkoula, A.S. Paipetis, T.E. Matikas, “<i>Influence of the fiber chemical coating on the fracture behavior of steel fiber concrete measured by acoustic emission</i>”, 5th Conference in Emerging Technologies in NDT, September 19-21, 2011, Ioannina, Greece</p>
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Languages

<p>Mother tongue(s)</p>	<p>Greek</p>
<p>Other language(s)</p>	<p>English, Cambridge First Certificate in English</p> <p>German, Zertifikat, Deutsch als Fremdsprache</p>

Computer Skills

	<ul style="list-style-type: none">➤ Certification (I-Skills) Basic I.T. (Standard) (2011): Word Processing, Spreadsheets, Internet Services➤ Certification of MS-DOS 5.0, BASIC: 50 hours of attendance➤ Certification of MS-DOS 6.20, BASIC, WINDOWS : 54 hours of attendance➤ Certification of AutoCAD 2000: 64 hours of attendance➤ Certification of GNU / LINUX - UBUNTU 7.04
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Other information

	<ul style="list-style-type: none">➤ Member of Technical Chamber of Greece (“TEE”) since 2005➤ Member of Association of Civil Engineers of Greece
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