

CURRICULUM VITAE

1. Biographical Sketch

Dr. Andreas Georgopoulos

born in Alexandria (Egypt) 26.09.54

Married, two children

Languages: English, German (fluently)
French, Italian (poorly)

Position held: Professor
Laboratory of Photogrammetry
National Technical University of Athens
Iroon Polytechniou 9
15773 Zografos, Athens
+30210-7722675
e-mail: drag@central.ntua.gr

2. Education, Scientific & Professional Activities

1966-1972	German School of Athens
1972-1976	Rural & Surveying Eng., NTU of Athens
01-09/1976	Co-operation with Laboratory of Photogrammetry of NTUA for software development
1976-1977	Diploma and Master of Science (MSc) in Photogrammetry from University of London (University College London)
1977-1981	Doctor of Philosophy (PhD) in Photogrammetry from University of London (University College London)
04/1977-01/1981	Scholarship from Greek State Scholarship Foundation
06-10/1981	Co-operation with private land surveying firms
10/1981-02/1984	Military Service (Sub-lieutenant of the Corps of Engineers, served at the Hellenic Army Geographical Service)
02/1984-09/1985	Co-operation with private land surveying firms
as of 09/1985	Lecturer of the Laboratory of Photogrammetry of NTU of Athens
as of June 1990	Assistant Professor at the above Laboratory
as of May 1996	Associate Professor at the above Laboratory
as of Sep 1996	Director of the Laboratory of Photogrammetry
as of Dec 1999	Full Professor at the above Laboratory
2002 – 2006	Head of the School of Rural & Surveying Eng. of NTUA
2005 – date	Associate member of CIPA Executive Board
2006 – 2010	Vice-President of NTUA Research Committee
09/2010 – 01/2011	Visiting Professor at the Cyprus Institute, Nicosia
01/2011 – 06/2011	Visiting Professor at the Cyprus University of Technology, Limassol

3. List of scientific publications

1. **Calibration of Terrestrial Cameras**, Degree Dissertation, NTUA, July 1976 (in Greek).
2. **Camera Calibration and Film Flatness**, MSc Dissertation, UCL, October 1977.
3. **The science of Photogrammetry. A simplified approach and explanation of the three-dimensional spatial model concept.** Technika Chronika, Vol. 8/78, pp. 8-12. August 1978 (in Greek).
4. **Camera Calibration at Very close Focal Settings** Photogrammetric Record, Vol. 9(54) pp. 853-855, October 1979. (co-authored with P.J. Scott)
5. **Kalibrierung nicht metrischer Kamern.** Proceedings of Seminar on Industrial Photogrammetry, Technical Academy of Wuppertal, January 1980 (in German).
6. **Ballon- und Drachenaufnahmen.** Proceedings of Seminar on Industrial Photogrammetry, Technical Academy of Wuppertal, January 1980 (in German).
7. **A co-ordinatometer for 35mm negatives.** Photogrammetric Record, Vol. 10(56), p. 243-244,

- October 1980.
8. **Rediscovery of the Photogrammetric Gun.** Photogrammetric Record, Vol. 10(56), p. 243-244, October 1980.
 9. **Low altitude non-metric photography in surveying.** PhD Thesis, UCL, April 1981.
 10. **Balloon and kite photography: An historical review.** International Archives of Photogrammetry, Vol. 24/V part 1, p. 196-206, September 1982.
 11. **Low altitude non-metric photography using a kite.** International Archives of Photogrammetry, Vol. 24/V part 1, p. 207-217, September 1982.
 12. **Non-metric camera calibration.** Technika Chronika - A, Scient. Ed., Vol 4, No 1-2, p. 57-75, Jan-Jun. 1984 (in Greek).
 13. **The Photogrammetric Survey of an Archaeological Site: Photogrammetry unwinds Ariadne's Thread.** The Photogrammetric Record, 13(67), April 1986. (Co-authored with E. Stambouloglou and N. Monachos).
 14. **The Photogrammetric Survey of an archaeological site. Focus on special problems.** International Archives of Photogrammetry, Vol. 26(5) Ottawa, July 1986. (Co-authored with E. Stambouloglou), http://www.isprs.org/proceedings/XXVI/part5/94_XXVI-part5.pdf.
 15. **Monument and site surveying: Methodology and Instrumentation.** Proceedings of the Congress "Modern methodology for surveying and documenting Monuments", Thessaloniki, September 1987 (co-authored with E. Stambouloglou), (in Greek).
 16. **Analytical Photogrammetry in Monument Surveying.** Proceedings of the Congress "Modern methodology for surveying and documenting Monuments", Thessaloniki, September 1987 (co-authored with J. Badekas, Ch. Ioannidis and C. Potsiou), (in Greek).
 17. **Surveying and Documenting a Monument. The photogrammetric point of view.** Proceedings of ICOMOS Congress "Conservation and Protection of popular and traditional Architecture", Athens, November 1987. (co-authored with E. Stambouloglou), (in Greek).
 18. **Deformation Monitoring by means of monoscopic photography.** International Archives of Photogrammetry and Remote Sensing, Vol.27, part B5, pp.1-7, July 1988. (co-authored with J. Badekas), http://www.isprs.org/proceedings/XXVII/congress/part5/1_XXVII-part5.pdf.
 19. **Analytical approaches to the problem of Architectural Restitution.** International Archives of Photogrammetry and Remote Sensing, Vol.27, part B9, July 1988. (Co-authored with Prof. J. Badekas, Ch. Ioannidis and C. Potsiou), http://www.isprs.org/proceedings/XXVII/congress/part5/203_XXVII-part5.pdf.
 20. **Photogrammetric Wave Profile Determination.** International Archives of Photogrammetry and Remote Sensing, Vol.27, part B5, pp.203-212, July 1988. (Co-authored with Prof. J. Badekas, Ch. Ioannidis and C. Potsiou). http://www.isprs.org/proceedings/XXVII/congress/part5/203_XXVII-part5.pdf
 21. **Basic options for the Greek Cadastre.** 2nd Conference on the Prospects of the Greek Cadastre, September 1989. (Co-authored with Ch. Ioannidis, E. Dimopoulou and P. Zentelis).
 22. **The German Cadastre System.** 2nd Conference on the Prospects of the Greek Cadastre. September 1989. (Co-authored with Prof. J. Badekas).
 23. **The Survey of the Athens Central Market.** XII CIPA Symposium, Rome, October 1989.
 24. **Photogrammetric Potential of Small-Format Photography.** Invited paper, ISPRS Comm. V Symposium, Zurich, September 1990.
 25. **The implementation of a vector GIS to the survey of a castle.** Proceedings of the XIV CIPA International Symposium, 2-5 October 1991, Delphi, pp. 93-100. (Co-authored with G. Mavrellis, V. Printzios and E. Vozikis).
 26. **Recording Traditional Ships.** International Archives of Photogrammetry and Remote Sensing, 1992, Vol. 29, part B5, pp. 799-802. (Co-authored with T. Kokkas, J. Badekas, C. Damianidis and V. Kostoulas), http://www.isprs.org/proceedings/XXIX/congress/part5/799_XXIX-part5.pdf.
 27. **FOTOCAD: A simple photogrammetric package for non-photogrammetrists.** International Archives of Photogrammetry and Remote Sensing, 1992, Vol. 29, part B5, pp. 357-362. (Co-authored with A. Spinou), http://www.isprs.org/proceedings/XXIX/congress/part5/357_XXIX-part5.pdf.
 28. **Trends of Education in Photogrammetry and Remote Sensing: The Rhodes Symposium Experience.** International Union for Surveys and Mapping, Presented papers of the Working Group Sessions. August 8-12, 1992 Washington D.C., pp. 36-38. (Co-authored with J.

- Badekas).
29. **FOTOCAD: A photogrammetric package for non-photogrammetrists.** (in Greek), Seminar proceedings "Terrestrial Photogrammetry and Spatial Information Systems for the Documentation of the Monuments", Thessaloniki 23-24 November 1992.
 30. **Modern Digital Technologies: Low Cost and High Quality !!** Proceedings of the One day meeting "Monument Surveys, Methods and Specifications", by the Technical Chamber of Greece, 30 November 1993, (in Greek).
 31. **Assessing pavement Surface Distress using Digital Image Processing.** Transportation Research Board (TRB) 73rd Annual Meeting, January 9-13, 1994, Washington D.C., Paper No. 940350. (Co-authored with A. Loizos and A. Flouda).
 32. **Instrumentation and Digital Photogrammetric Systems.** Invited paper, Proceedings of the One day Meeting "Digital Cartography, Photogrammetry, Remote Sensing: High Technologies" by the Technical Chamber of Greece, 10-11 February 1994.
 33. **Applications of Digital Photogrammetric Systems.** Proceedings of the One day Meeting "Digital Cartography, Photogrammetry, Remote Sensing: High Technologies" by the Technical Chamber of Greece, 10-11 February 1994. (co-authored with I. Kavvadas and E. Vozikis).
 34. **Control of arable land subsidies using Remote Sensing.** Proceedings of the One day Meeting "Digital Cartography, Photogrammetry, Remote Sensing: High Technologies" by the Technical Chamber of Greece, 10-11 February 1994. (co-authored with E. Vozikis and V. Printzios).
 35. **Measuring the past for the future: implementing a vector GIS to survey an historic castle.** GIS Europe, Vol.3 No3 April 1994, pp. 28-32. (co-authored with G. Mavrellis and E. Vozikis).
 36. **Digital Rectification using a PC.** International Archives of Photogrammetry and Remote Sensing, Vol.XXX, Part 5, pp. 102-108, Melbourne 1994 (co-authored with E. Tournas).
 37. **Determination of Seismic Movements of Monuments using Stereoscopic Video.** Proceedings of 3rd Conference on Optical 3-D Measurement Techniques, October 2-4 1995, Vienna. (co-authored with E. Tournas, Ch. Mouzakis, E. Vougioukas, P. Carydis).
 38. **Low cost Digital Rectification on a PC.** Proceedings of Thompson Symposium, 19-21 April 1996, York. (co-authored with G.N.Makris)
 39. **Towards an Operational Digital Video Photogrammetric System for 3-D Measurements.** International Archives of Photogrammetry and Remote Sensing, Vol. XXXI, part B2, Commission II, pp. 111-116 (co-authored with E. Tournas).
http://www.isprs.org/proceedings/XXXI/congress/part2/111_XXXI-part2.pdf.
 40. **Digital Image Processing as a tool for pavement distress evaluation.** ISPRS Journal of Photogrammetry and Remote Sensing, Elsevier Science Publishers BV, 1996 (Co-authored with A. Loizos and A. Flouda).
 41. **"Photogrammetrist v. 1.0". The Greek Introduction to Photogrammetry.** International Archives of Photogrammetry and Remote Sensing, 1996 Vol. XXXI, part B6, Commission VI, pp. 45-50 (co-authored with V. Fotinopoulos).
 42. **Low cost Digital Rectification on a PC.** Photogrammetric Record, 15(89): 703-714, April 1997 (co-authored with E. Tournas).
 43. **Three Dimensional Visualization of the built Environment using Digital Orthophotography** Photogrammetric Record, 15(90): 913-921, October 1997 (co-authored with B. Nakos, D. Mastoris and D. Skarlatos).
 44. **Comparison of Analytical and Digital Photogrammetric Systems of Low Cost.** Technika Chronika, ser. I, vol. 1/1998 (co-authored with E. Georgiou - in Greek).
 45. **Measuring the Eye Height of Greek Private Car Drivers.** Technika Chronika, ser. I, vol. 1/1998 (co-authored with B. Psarianos - in Greek).
 46. **The photogrammetric Survey of a Prehistoric Site undergoing Removal** Photogrammetric Record 16(93): 443-456, April 1999 (co-authored with G. Karras, G.N.Makris).
 47. **Geometric Documentation of Archaeological Artefacts.** International Workshop "Photogrammetric Measurement, Object Modelling and Documentation in Architecture and Industry" ISPRS Thessaloniki, 7-9 July 1999 (co-authored with M. Bia and G. Galanopoulou).
 48. **Documentation of Frescoes and Mosaics: A complete approach.** CIPA International Symposium, Olinda Brazil, 1999 (co-authored with G.N. Makris, A. Anastassiou, N. Hatjiparassidis), <http://cipa.icomos.org/text%20files/olinda/99c303.pdf>.

49. **The potential of applying 3-D visualization methods for representing destroyed settlements.** International Archives of Photogrammetry and remote Sensing, Vol. XXXIII, part B5, p. 285-290 (co-authored with B. Nakos).
http://www.isprs.org/proceedings/XXXIII/congress/part5/285_XXXIII-part5.pdf.
50. **Stereoscopic Video Imaging using a low-cost PC based system.** Videometrics VII, 2001 Santa Clara. [Videometrics and Optical Methods for 3D Shape Measurement \(Proceedings of SPIE Volume 4309\)](#) San Jose, CA; 2001; p. 312-317; (co-authored with E. Tournas) (<http://test.imaging.org/ScriptContent/store/epub.cfm?abstrid=27455>).
51. **Geometric Documentation and 3D visualization of the Stone Traditional Bridge of Kokkoros in Central Zagori.** Proceedings of the MEKDE Conference, Metsovo 2001 (co-authored with N. Kritharas, Ch. Kritsotaki, E. Bakali, M. Papakosta and D. Balodimos)
52. **The use of digital Orthophotography for the Geometric Documentation of Monuments. Application in the Proph. Elias Monastery in Central Zagori Municipality.** Proceedings of the MEKDE Conference, Metsovo 2001 (co-authored with G. Kottikas, P. Pappa, G.N. Makris and D. Balodimos).
53. **Developing a GIS for the traditional Stone Bridges in Central Zagori Municipality.** Proceedings of the MEKDE Conference, Metsovo 2001 (co-authored with K. Psimarni and D. Balodimos).
54. **Digitally developing Works of Art.** Proceedings of CIPA 2001 International Symposium, Potsdam, Germany (co-authored with G.N.Makris, E. Tournas, Ch. Ioannidis).
55. **Orthophoto production comparison test for close range applications on highly curved objects.** Proceedings of CIPA 2001 International Symposium, Potsdam, Germany.
56. **Inverse Photogrammetry “Anticipates” the future.** The ISPRS International Archives of Photogrammetry, Remote Sensing & Spatial Information Sciences, Vol. XXXIV – 5/C7, pp.598-600 (co-authored with G. Karras and J. Stergiopoulos),
<http://cipa.icomos.org/text%20files/potsdam/2001-22-ag01.pdf>.
57. **Platforms for Low altitude air photography** CIPA International Symposium Potsdam, 2001 (co-authored with Ch. Ioannidis, M. Papakosta and E. Portelanou).
58. **Towards automatic detection of coastlines from satellite images**, DSP 2002 Symposium (co-authored with K. Karantzalos and D. Argialas).
59. **Non-Metric Bird’s Eye View.** International Archives of Photogrammetry & Remote Sensing, Vol. XXXIV, p5 Com. V, pp. 359-362, 2002 (co-authored with M. Modatsos)
60. **A Novel Method for automating the checking and correction of Digital Elevation Models using Orthophotographs.** Photogrammetric Record, 18(102): 156-163, June 2003 (co-authored with D. Skarlatos)
61. **Towards coastline detection from aerial imagery.** Proceedings of International Conference of Digital Signal Processing, vol. II, pp. 875-880 (co-authored with D. Argialas, K. Karantzalos)
62. **A Trip from Object to Image and back.** The International Archives of Photogrammetry, Remote Sensing & Spatial Information Sciences, Vol. XXXIV, p. 5/W12, Comm. V, pp. 141-144. Proceedings of the Workshop “Vision Techniques for Digital Architectural and Archaeological Archives, Ancona 2003 (co-authored with Th. Daskalopoulos, G.N.Makris, Ch. Ioannidis).
63. **Restitution Automation for Close-Range Applications.** ISPRS International Archives of Photogrammetry, Remote Sensing & Spatial Information Sciences, Vol. XXXIV, p. 3/W8, PIA 2003, Munich (co-authored with A. Valanis).
http://www.isprs.org/proceedings/XXXIV/3-W8/papers/pia03_s3p2.pdf.
64. **Performance Evaluation of Commercial S-VHS cameras for object displacement monitoring.** Optical 3-D Measurement Techniques VI, Vol II, pp. 299-306. Zurich, 22-25 September 2003 (co-authored with E. Tournas)
65. **Wholly Documenting Holy Monuments** CIPA XIX International Symposium, 2003, Antalya, (co-authored with D. Balodimos, G. Lavvas).
<http://cipa.icomos.org/text%20files/antalya/133.pdf>
66. **Large Scale Monument Data Base Design**, CIPA XIX International Symposium 2003, Antalya (co-authored with Ch. Ioannidis, M. Karkanis, Ch. Iliopoulou)
67. **Close Range Orthoimage using Low-Cost Digital Camcorder**, CIPA XIX International Symposium 2003, Antalya (co-authored with E. Tsiliggiris, M. Papakosta, Ch. Ioannidis),
<http://cipa.icomos.org/text%20files/antalya/88.pdf>.

68. **A trip from object to image and back**, Ancona 2003 (co-authored with Th. Daskalopoulos <http://www.isprs.org/proceedings/XXXIV/6-W12/proceedings/29.pdf>).
69. **Outlook for the Education of the Surveyor (and Geoinformatics???) Engineer in the 21st century**, 1st Panhellenic Conference of the Rural & Surveying Engineers, May 2004, Athens, http://www.psdattm.gr/psdatm/docs/conference/1st_conference/26_05_04/section_4/1%CE%B7_%CE%95%CE%99%CE%A3%CE%97%CE%93%CE%97%CE%A3%CE%97.pdf.
70. **3D Reconstruction and Rendering for a Virtual Visit**, International Congress of ISPRS, Istanbul, July 2004, (co-authored with C. Ioannidis, A. Daskalopoulos and E. Demiridi) <http://www.isprs.org/proceedings/XXXV/congress/comm5/papers/629.pdf>
71. **Performance Evaluation Of Multiple Scale Automatic Aerial Triangulation**, International Congress of ISPRS, Istanbul, July 2004, (co-authored with A. Pothou) <http://www.isprs.org/proceedings/XXXV/congress/comm3/papers/338.pdf>.
72. **Large Scale Orthophotography Using DTM From Terrestrial Laser Scanning**, International Congress of ISPRS, Istanbul, July 2004, (co-authored with A. Kakli, M. Tsakiri, Ch. Ioannidis) <http://www.isprs.org/proceedings/XXXV/congress/comm5/papers/599.pdf>.
73. **Least-Squares Matching Using Elliptical Areas: Results, Accuracy, Advantages And Disadvantages**. International Congress of ISPRS, Istanbul, July 2004, (co-authored with D. Skarlatos) <http://www.isprs.org/proceedings/XXXV/congress/comm3/papers/440.pdf>.
74. **Automating the checking and correcting of DEMs without reference data** International Congress of ISPRS, Istanbul, July 2004, (co-authored with D. Skarlatos) <http://www.isprs.org/proceedings/XXXV/congress/comm2/papers/190.pdf>
75. **Photogrammetric And Surveying Methods For The Geometric Recording Of Archaeological Monuments** FIG International Week, Athens 2004, (co-authored with Ch. Ioannidis), http://www.fig.net/pub/athens/papers/wsa1/Wsa1_1_Georgopoulos_Ioannidis.pdf.
76. **An Alternative Method for Large Scale Orthophoto Production**, CIPA XX International Symposium 2005, Torino, (co-authored with G.N. Makris, A. Dermentzopoulos), <http://cipa.icomos.org/text%20files/TURIN/300.pdf>.
77. **Design Of A Database System For Geometric Documentation**, XX CIPA International Symposium 2005, Torino, (co-authored with S. Tapinaki, T. Sellis), <http://cipa.icomos.org/text%20files/TURIN/969.pdf>.
78. **Standards In Cultural Heritage: The Missing Grammar For The Digital Documentation Of The Past** CIPA XX International Symposium 2005, Torino, (co-authored with M. Ioannides, M. Scherer), <http://cipa.icomos.org/text%20files/TURIN/861.pdf>.
79. **Calibration of Photogrammetric Systems**, 1st Metrology Conference Athens, 2005 (co-authored with Ch. Ioannidis)
80. **3D Visualization by Integration of Multisource Data for Monument Geometric Recording**, in *Recording, Modeling and Visualization of Cultural Heritage*, Baltasvias et al. (eds), Taylor & Francis Group ISBN 0 415 39208 X, International Workshop, Ascona, 2005, (co-authored with Ch. Ioannidis)
81. **Anisotropic Diffusion and Morphological Levelings for Edge Preserving Smoothing and Simplification of Satellite Imagery**, TGARS 2005, (co-authored with K. Karantzalos and D. Argialas).
82. **New Methods and Documentation Techniques for Architectural Monuments: The case of the Byzantine Dafni Monastery near Athens**, Workshop Byzantium – Early Islam Workshop, Athens, February 2006.
83. **Performance Evaluation For Aerial Images And Airborne Laser Altimetry Data Registration Procedures**, ASPRS Annual Meeting May 2006, (co-authored with A. Pothou, S. Karamitsos and I. Kotsis).
84. **3D Model Generation For Deformation Analysis Using Laser Scanning Data Of A Cooling Tower**, Ioannidis, C., Valani, A., Georgopoulos, A., Tsiligiris, E., 2006. 3D model generation for deformation analysis using laser scanning data of a cooling tower. In: *Proceedings of the 3rd IAG and 12th FIG Symposium*, Baden, Austria, http://www.fig.net/commission6/baden_2006/. Baden Austria, (co-authored with C. Ioannidis, A. Valani and E. Tsiligiris).
85. **A Challenge For The Digital Documentation Of The Past: Standards In Cultural Heritage**, 7th European Commission Conference “Sauveur” Safeguarded Cultural heritage –

- Understanding & Viability for the Enlarged Europe, Prague 31st May – 3rd June 2006, (co-authored with M. Ioannides).
86. **Assessment and comparison of registration algorithms between aerial images and laser point clouds**, ISPRS Comm.I Symposium, Paris, July 2006, (co-authored with A. Pothou, S. Karamitsos and I. Kotsis).
<http://www.isprs.org/proceedings/XXXVI/part1/Papers/PS2-24.pdf>.
87. **Anisotropic Morphological Levelings: Levelings based on anisotropic diffused markers**, (co-authored with K. Karantzas and D. Argialas).
88. **A Detailed Geometric Documentation of the Athens Academy Public Meeting Hall**, ISPRS Comm. V Symposium, Dresden Germany, September 2006 (co-authored with D. Balodimos, S. Dogouris, Ch. Ioannidis, S. Soile and M. Tsilikis).
http://www.isprs.org/proceedings/XXXVI/part5/paper/1231_Dresden06.pdf.
89. **Photogrammetric Potential of Digital Cameras in Handheld Gadgets for Digital Close Range Applications**, VAST 2006, Lefkosia Cyprus, Oct-Nov. 2006, The e-volution of Information Communication Technology in Cultural Heritage (eds. M. Ioannides et al.), p. 1-6 ISBN-10: 963 8046 75 9 (co-authored with A. Agapiou).
<http://public-repository.epoch-net.org/publications/VAST2006/project1.pdf>
90. **The Geometric Documentation of the Asinou Church in Cyprus**, VAST 2006, Lefkosia Cyprus, Oct-Nov. 2006, The e-volution of Information Communication Technology in Cultural Heritage (eds. M. Ioannides et al.), p. 138-144 ISBN-10: 963 8046 75 9 (co-authored with E. Sofocleous, M. Ioannides and Ch. Ioannidis).
<http://public-repository.epoch-net.org/publications/VAST2006/project1.pdf>
91. **Performance evaluation for Aerial images and Airborne laser Altimetry data registration Procedures**, ASPRS 2006 Annual Conference, Reno, Nevada, May 1-5, 2006 (co-authored with A. Pothou, S. Karamitsos and I. Kotsis).
<http://www.asprs.org/publications/proceedings/reno2006/0118.pdf>
92. **Innovative Surveying and Photogrammetric Techniques for the Documentation of Cultural Heritage**, Forum UNESCO, University and Heritage, 11th International Seminar "Documentation for Conservation and Development: *New Heritage Strategies for the Future*", 11-16 September 2006, Florence (co-authored with Ch. Ioannidis),
<http://eprints.unifi.it/archive/00001506/02/F0520-e-prints.pdf>.
93. **Specifications for Photogrammetric projects. Thoughts and questions for bridging a gap**. Proceedings of the 2nd Pan-Hellenic Conference of Rural & Surveying Engineers, Athens 8-9 December 2006 (co-authored with G. Gianniris, G. Goudinacos, D. Kioumourtzidis, T. Kokkas, V. Tsingas and E. Tsiligiris).
94. **3D Virtual Reconstructions at the Service of Computer Assisted Archaeological Measurements**, Proceedings of 35th International Conference on CAA 2007, Layers of Perception April 2007, Berlin. (co-authored with Ch. Ioannidis and M. Ioannides).
http://archiv.ub.uni-heidelberg.de/propylaeumdok/frontdoor.php?source_opus=535&la=de
95. **Standardization for the E-Documentation in Cultural Heritage** Proceedings of 35th International Conference on CAA 2007, Layers of Perception April 2007, Berlin. (co-authored with M. Ioannides, M. Scherer, F. Niccolucci and R. Lettelier).
96. **Terrestrial camera Calibration**, Proceedings of the 2nd National Metrology Symposium, Thessaloniki, 2007 (in Greek, co-authored with Ch. Ioannidis)
97. **Alternative Techniques for the Creation of 3D Models for Finite Element Analysis – Application on a Cooling Tower**. Proceedings 3D Optical Measurement Techniques, Zurich, July 2007 (co-authored with Ch. Ioannidis, A. Valani, S. Soile and E. Tsiligiris).
98. **Innovative Techniques for the Acquisition and Processing of Multisource Data for the Geometric Documentation of Monuments**. International Journal of Architectural Computing Volume 5, Number 2, 2007, pp. 179-197 (co-authored with Ch. Ioannidis).
<http://multi-science.metapress.com/content/d2n41266q43p3782/?p=820356cea953494eb0a5a6910b464fe9&pi=1>.
99. **Spatial information system for 3D documentation of Plaka, the historical center of Athens**, Proceedings of the XXI CIPA International Symposium, Athens October 2007 (co-authored with N. Charkiolakis, Ch. Ioannidis, Ch. Kantza, I. Keramida, A. Koumna, M. Leni)
<http://www.isprs.org/proceedings/XXXVI/5-C53/papers/FPL013.pdf>.
100. **The Documentation of the Medieval Entrance of the Rhodes Fortification Complex**.

- Proceedings of the XXI CIPA International Symposium, Athens October 2007 (co-authored with P. Gianniou, M. Tsakiri and K. Della)
<http://www.isprs.org/proceedings/XXXVI/5-C53/papers/FP066.pdf>.
101. **Information Technology & Cultural Heritage**, Proceedings ePSI+ Meeting: Exploitation of Cultural Heritage Information – A need for a European hand? – Paphos, September 10-11 2007.
 102. **Three dimensional reconstruction for Cultural Heritage visualization. Application to the Byzantine Churches of Cyprus**, Proceedings of CAA Conference On the Road to reconstructing the past, Budapest April 2008 (co-authored with A. Agapiou, N. Doulamis, M. Ioannides and Ch. Ioannidis)
 103. **A Simpler Method for Large Scale Digital Orthophoto Production**. IAPRS XXI Congress International Society for Photogrammetry and Remote Sensing 3-11 July 2008, Beijing China, (co-authored with S. Natsis) http://www.isprs.org/proceedings/XXXVII/congress/5_pdf/45.pdf.
 104. **An Approach to Optimize Reference Ground Control Requirements for Estimating Lidar/IMU Bore-sight Misalignment**. IAPRS XXI Congress International Society for Photogrammetry and Remote Sensing 3-11 July 2008, Beijing China, (co-authored with A. Pothou, C. Toth and S. Karamitsos).
http://www.isprs.org/proceedings/XXXVII/congress/1_pdf/50.pdf
 105. **Spiritual Geoinformatics Or Placing The Spirit**, ICOMOS 2008 CONFERENCE, 16th General Assembly and Scientific Symposium Québec, Canada (co-authored with Ch. Ioannidis)
 106. **Contemporary digital methods for the Geometric Documentation of Churches in Cyprus** VSMM 2008 - Conference on Virtual Systems and MultiMedia Dedicated to Digital Heritage, 20-25 October 2008, Project Paper Volume p.24-28 (co-authored with Ch. Ioannidis, Ch. Crysostomou, S. Ioakim and N. Shieittanis).
http://vsmm2008.euromed2010.eu/vsmm2008/e_Proceedings/papers/shortpaper.pdf#page=30
 107. **Exploiting the Contemporary Topcon Imaging Total Station for Cultural Heritage Recording**, VSMM 2008 - Conference on Virtual Systems and MultiMedia Dedicated to Digital Heritage, 20-25 October 2008, Project Paper Volume p.91-94 (co-authored with A. Barakou and G. Pantazis).
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 108. **Evaluation of a Simpler Method for Large Scale Digital Orthophoto Production** VSMM 2008 - Conference on Virtual Systems and MultiMedia Dedicated to Digital Heritage, 20-25 October 2008, Full Paper Volume, p. 40-47 (co-authored with S. Natsis).
http://vsmm2008.euromed2010.eu/vsmm2008/e_Proceedings/papers/fullpapers.pdf#page=177.
 109. **Specifications and Standards for the Geometric Documentation of Cultural Heritage** VSMM 2008 - Conference on Virtual Systems and MultiMedia Dedicated to Digital Heritage, 20-25 October 2008. Full Paper Volume, p. 173-178 (co-authored with S. Tapinaki).
http://vsmm2008.euromed2010.eu/vsmm2008/e_Proceedings/papers/fullpapers.pdf#page=177.
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 112. **Contemporary digital techniques for the geometric documentation of monuments** The Sixth International Conference on Science and Technology in Archaeology and Conservation December, 8-14, 2008 Rome – Italy

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<http://multi-science.metapress.com/content/y7747k00474k4k52/?p=69226a82ebae40df9255a758b73d3b03&pi=2>.
116. **High Resolution Textured Models for Engineering Applications.** Proceedings XXII CIPA Symposium, October 11-15, 2009, Kyoto, Japan, (co-authored with A. Valanis, S. Tapinaki and C. Ioannidis), <http://cipa.icomos.org/text%20files/KYOTO/164.pdf>.
117. **Scanning for Microns** Proceedings XXII CIPA Symposium, October 11-15, 2009, Kyoto, Japan, (co-authored with A. Valanis, M. Sofronidou and Th. Hadzilacos).
<http://cipa.icomos.org/text%20files/KYOTO/163.pdf>.
118. **First experiences with PHOTOMOD® at the Lab. of Photogrammetry of NTUA.** International Conference "From Imagery to map: digital photogrammetric technologies", RACURS, <http://www.racurs.ru/download/conf/Greece2009/Presentations/Georgopoulos.pdf> Attica October 2009.
119. **Spatial Distribution Requirements of Reference Ground Control for Estimating Lidar/INS Boresight Misalignment.** The 6th International Symposium on Mobile Mapping Technology (MMT'09) (co-authored with A. Pothou, C. Toth and S. Karamitsos)
120. **Proposed Methodology for calibrating the Camera of an Imaging Total Station.** 3rd National Metrology Conference, 5 & 6 February 2010, Larnaca, Cyprus (in Greek, co-authored with Ch. Ioannidis, E. Lambrou, G. Pantazis and K. Nikolitsas)
121. **Assessing the Measuring Accuracy and the Quality of Orthophotographs.** 3rd National Metrology Conference, 5 & 6 February 2010, Larnaca, Cyprus (in Greek, co-authored with Ch. Ioannidis)
122. **A Digital Atlas for the Byzantine and Post Byzantine Churches of Troodos region (central Cyprus).** Proceedings of the 38th Conference on Computer Applications and Quantitative Methods in Archaeology Granada, Spain, April 2010, (co-authored with A. Agapiou, Ch. Ioannidis and M. Ioannides)
123. **Archaeological Documentation and Restoration using Contemporary Methods.** Proceedings of the 38th Conference on Computer Applications and Quantitative Methods in Archaeology Granada, Spain, April 2010, (co-authored with Ch. Ioannidis, A. Valanis and S. Tapinaki)
124. **Using Geodetic and Laser Scanner Measurements for Measuring and Monitoring the Structural Damage of a Post Byzantine Church.** 8th International Symposium on Conservation of Monuments in the Mediterranean Basin – Monument Damage Hazards and Rehabilitation Technologies, 31 May – 02 June Patras Greece, (co-authored with D. Delikaraoglou, Ch. Ioannidis, E. Lambrou and G. Pantazis)
125. **On the use of Digital Surface Models and hydrological/hydraulic models for inundated area delineation** in: Christodoulou & Stamou (eds), Environmental Hydraulics, ©2010 Taylor & Francis Group, London, ISBN 978-0-415-58475-3 (co-authored with I. Leventi and I. Nalbantis)
126. **Assessing The Performance of a Structured Light Scanner,** International Symposium of ISPRS Comm. V, Newcastle 21-25 June 2010 (co-authored with Ch. Ioannidis and A. Valanis)
<http://www.isprs.org/proceedings/XXXVIII/part5/papers/177.pdf>.
127. **Teaching Photogrammetry with PHOTOMOD in the National Technical University of Athens (NTUA).** X International Scientific and technical Conference "From Imagery to Map: Digital Photogrammetric Technologies", September 2010, Gaeta Italy, (co-authored with Y.

Yanniris, S. TApinaki and El. Tsiligiris).

<http://www.racurs.ru/download/conf/Italy2010/Presentations/Yanniris.pdf>

4. Research Projects - Seminars

Since 1985 participation in all research projects of the Laboratory of Photogrammetry of NTUA involved with Photogrammetry, Architectural Photogrammetry, Digital and analytical Photogrammetry and Cadastre. Participation as guest speaker in numerous teaching seminars organised by the Technical Chamber of Greece, by the Greek Centre of Productivity and the Laboratory of Photogrammetry. Instructor and organizer in various international seminars and workshops, including the International Workshop of RLCC in Leuven.

Special research interest in Geometric Recording of Monuments using innovative techniques.

5. Professional Activities

Since 1976 involved in numerous professional projects involving applications of Land Surveying, Photogrammetry, GPS positioning, GIS development and especially Geometric Documentation of Monuments. Most recent activities include:

1. Geometric Documentation of Hadrian's Gate
2. Geometric Documentation of the Church of the Holy Sepulchre in Jerusalem
3. Consultant to the Hellenic Cadastre (Ktimatologio S.A.) for the Specifications for aerial photography and Digital photogrammetric products
4. Consultant to IGD Ltd for the EU subsidies control for arable lands in Greece using Remote Sensing
5. Geometric Documentation of the Dafni Monastery
6. Monitoring of the Church of Megali Panagia in Samarina, N. Greece
7. Geometric Documentation of the Churches of Asinou and Podithou in Cyprus

6. Member of the following learned Societies:

- a. Hellenic Society of Photogrammetry and Remote Sensing (Member of Council since 1986)
- b. Remote Sensing and Photogrammetric Society (UK)
- c. Deutsche Gesellschaft für Photogrammetrie und Fernerkundung
- d. American Society for Photogrammetry and Remote Sensing
- e. ICOMOS
- f. Working Group V/5 of ISPRS on Architectural Photogrammetry
- g. CIPA-Heritage Documentation, an ICOMOS and OSPRS Technical Committee

For the quadrennium 1988-1992, Secretary of Commission VI of International Society for Photogrammetry and Remote Sensing (ISPRS), which is responsible for the educational, professional and economical aspects of the discipline.

Since 1996, National Delegate for Greece in CIPA (Committee Internationale de Photogrammetrie Architecturale).

Director of 2007 CIPA International Symposium and associate member of the CIPA Executive Board since 2005.