

CURRICULUM VITAE



Name: **Paraskevi A. LONDRA**

Nationality: Greek

Marital Status: Married, one child

1. Current Work address:

Agricultural University of Athens,
School of Environment and Agricultural Engineering,
Dept. of Natural Resources Management and Agricultural Engineering,
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2. Education

1989- 1994: First Degree in Agricultural Engineering from the Department of Natural Resources Management and Agricultural Engineering, Agricultural University of Athens (equivalent to a M.Sc. Degree)

1996- 2001: Ph.D. degree in Agricultural Sciences, Agricultural University of Athens

2012-2014: M.Sc. degree in “Hydrology and Environmental Water Resources Management”, National Technical University of Athens, School of Civil Engineering: Inter-Departmental Postgraduate Course “Water Resources Science and Technology”.

3. Scholarships

1989-1994: Scholarship awarded by the National State Scholarships Foundation for achieving the greatest grade in the Department of Natural Resources Management and Agricultural Engineering of the Agricultural University of Athens at each academic year of study.

1996-2000: Scholarship awarded by the National State Scholarships Foundation for succeeding in the exams for postgraduate studies.

4. Present Activity - Work Experience

10/1996-03/2002: Participation in research projects of the Agriculture University of Athens

04/2002-06/2014: Research Staff at the Laboratory of Agricultural Hydraulics of the Agriculture University of Athens

06/2014-12/2021: Laboratory Teaching Staff at the Laboratory of Agricultural Hydraulics of the Agriculture University of Athens

12/2021-10/2025: Assistant Professor at the Laboratory of Agricultural Hydraulics of the Agriculture University of Athens

10/2025-present: Associate Professor at the Laboratory of Agricultural Hydraulics of the Agriculture University of Athens

5. Teaching Activity

Undergraduate Courses

- Agricultural Hydraulics
- Soil Physics
- Irrigation
- Irrigation Systems
- Irrigation and Drainage Systems
- Hydrology
- Fluid mechanics - Applied Hydraulics
- Open Channel and Closed Conduits Hydraulics
- Drainage

Postgraduate Courses

- Special Issues of Soil and Substrates
- Soil and Substrates Management in Green Works
- Special Issues of Soil Physics
- Advanced Hydrology

6. Areas of Research Interest

- Physical-Hydraulic Properties of Soil and Substrates
- Vadose Zone Hydrology
- Irrigation Management
- Effect of Soil Water Pressure on Crop Growth and Yield

- Water Resources Management

7. Research Projects

- *Scientific Responsible of the following research project financed by the Agricultural University of Athens:*
 1. "Investigation of Water-Aeration Optimum Balance of Substrates used in Horticulture" (2001-2003).
- *Participated as a research assistant in the following E.U. and Hellenic research projects:*
 1. "Determination of Irrigation Needs of Greece-EURO-APAS RENA" (1995).
 2. "Mediterranean Desertification Following Land Use Changes- MEDALUS III" (1996-1997).
 3. "Effect of Subsoil Compaction in the Plant Growth and in the Environment" (1998-2000).
 4. "Water Saving in Mediterranean Agriculture-WASAMED" (2003-2007, ICA3-CT2002-10013, INCO-MED).
 5. "Deficit Irrigation for Mediterranean Agricultural Systems (DIMAS)" (2005-2008, INCO-CT-2004-509087).
 6. "Μελέτη για την Αξιολόγηση της συμβολής του ΠΑΑ στη διαχείριση και αποδοτικότητα της χρήσης των υδάτων". Υπουργείο Αγροτικής Ανάπτυξης & Τροφίμων (2019-2020). Επιστημονικός Υπεύθυνος: Εμ. Ψωμιάδης
 7. "Incorporation of Perlite in Sandy Soil as a Measure to Reduce Irrigation Water Needs of Turf Grass and Bougainville" (2021). PERLITE INSTITUTE. Επιστημονικός Υπεύθυνος: Ι. Μάσσας
 8. "Εξοικονόμηση αρδευτικού ύδατος στην κοινότητα Μολάων με χρήση γεωργίας ακριβείας". Υπουργείο Αγροτικής Ανάπτυξης & Τροφίμων - ΠΑΑ ΜΕΤΡΟ 16 (2023-2025). Επιστημονικός Υπεύθυνος: Ν. Δέρκας
 9. "Προσαρμογή της ευάλωτης γεωργίας της Θεσσαλίας στην κλιματική αλλαγή". Υπουργείο Αγροτικής Ανάπτυξης & Τροφίμων - ΠΑΑ ΜΕΤΡΟ 16 (2023-2025). Επιστημονικός Υπεύθυνος: Ν. Δέρκας
 10. "Εξοικονόμηση αρδευτικού ύδατος σε Θεσσαλία και Κεντρική Μακεδονία με χρήση γεωργίας ακριβείας". Υπουργείο Αγροτικής Ανάπτυξης & Τροφίμων -ΠΑΑ ΜΕΤΡΟ 16 (01/2023-12/2025)
 11. "Αναζωογόνηση και Αποκατάσταση του Άλσους Νέας Σμύρνης" (2025-2026). Επιστημονικός Υπεύθυνος: Θ. Μπαρτζάνας
 12. "Αξιολόγηση υποστρωμάτων ως μέσο ανάπτυξης κηπευτικών με μείωση της τύρφης στο τελικό μείγμα" (2025). Επιστημονικός Υπεύθυνος: Δ. Γασπαράτος

13. “Επαναχρησιμοποίηση επεξεργασμένων εκροών (ανακτημένου νερού) αντίστοιχων ποιοτικών χαρακτηριστικών με τις επεξεργασμένες εκροές του ΚΕΛ Μαραθώνα, σε εδάφη καλλιέργειας κηπευτικών στην Ανατολική Αττική” (2025-2026).
Επιστημονικός Υπεύθυνος: Ι. Μάσσας

8. Professional Affiliations - Member of:

- Geotechnical Chamber of Greece
- Hellenic Soil Science Society
- Soil Science Society of America

9. Editorships

- Member of the Editorial Board of the journal “Agriculture and Forestry”.
- Guest Editor J. Water (MDPI) Special Issue “Study of the Soil Water Movement in Irrigated Agriculture” 2019-2020.
- Guest Editor J. Water (MDPI) Special Issue “Study of the Soil Water Movement in Irrigated Agriculture II” 2021-2022.
- Guest Editor J. Water (MDPI) Special Issue “Study of the Soil Water Movement in Irrigated Agriculture III” 2023-2024.
- Guest Editor J. Water (MDPI) Special Issue “Understanding Soil Water Content for Irrigation Management” 2022-2024.
- Guest Editor J. Sustainability (MDPI) Special Issue “Irrigation Technology and Water Management in Agriculture: Toward a Sustainable Future” 2023-2024.
- Guest Editor J. Water (MDPI) Special Issue “Assessment and Management of Soil Salinity: Methods and Technologies” 2025-2026.

10. Reviewer of International Scientific Journals

- Agricultural Water Management
- Agronomy
- Agriculture
- Architectural Engineering and Design Management
- Geoderma
- HortScience
- Hydrological Sciences
- Irrigation and Drainage
- Land Degradation & Development
- Physics and Chemistry of the Earth
- Plant and Soil
- Sustainability
- Transport in porous media

- Urban Sciences
- Water
- Water and Environment Journal

11. Publications

A. Theses

1. Diploma Thesis

Londra, P.A. 1994. "Investigation of gypsum sensors electrical resistance changes under different moisture and temperature conditions", *Agricultural University of Athens, Dept. of Natural Resources Management & Agricultural Engineering*, Athens, 1994. (in Greek)

1. Ph.D. Thesis

Londra, P.A. 2001. "Moisture-Aeration Balance of Substrates as Developed under Different Irrigation Treatments", *Agricultural University of Athens, Dept. of Natural Resources Management & Agricultural Engineering*, Athens, 2001. (in Greek)

2. M.Sc. Thesis

Londra, P.A. 2014. "Sizing of rainwater harvesting tanks for domestic use in Greece". *National Technical University of Athens, School of Civil Engineering: Inter-Departmental Postgraduate Course "Water Resources Science and Technology"*, Athens, 2014. (in Greek)

B. Papers in International Peer-Reviewed Scientific Journals

1. Tsanis, K., **P.A. Londra**, and A.N. Angelakis. 1996. "Assesment of Water Needs for Irrigation in the Island of Crete". *Acta Horticulturae*, 449:41-48.
2. Aggelides, S., **P. Londra**, A Liakatas, and S. Theocharopoulos. 1997. "Calibration of gypsum blocks in terms of matric potential and temperature and its evaluation". *Agricoltura Mediterranea*, 127:1-6.
3. Aggelides, S., and **P. Londra**. 1998. "Comparison of empirical equations for temperature correction of gypsum sensors". *Agronomy Journal*, 90:441-443. <https://doi.org/10.2134/agronj1998.00021962009000030020x>
4. Aggelides, S.M., and **P.A. Londra**. 2000. "Effects of compost produced from town wastes and sewage sludge on the physical properties of a loamy and a clay soil". *Bioresource Technology*, 71(3):253-259. [https://doi.org/10.1016/S0960-8524\(99\)00074-7](https://doi.org/10.1016/S0960-8524(99)00074-7)
5. Valiantzas, J.D., **P. Londra**, and A. Salsalou. 2007. "Explicit formulae for soil water diffusivity using the one-step outflow technique". *Soil Science Society of America Journal*, 71:1685-1693. <https://doi.org/10.2136/sssaj2006.0357>

6. Valiantzas, J.D., and **P.A. Londra**. 2008. "Direct determination of the Brooks-Corey hydraulic functions by fitting an extended power function to the outflow method data". *Journal of Hydrology*, 362:128-133. <https://doi.org/10.1016/j.jhydrol.2008.08.021>
7. Soulis, K. X., J.D. Valiantzas, N. Dercas, and **P.A. Londra**. 2009. "Investigation of the direct runoff generation mechanism for the analysis of the SCS-CN method applicability to a partial area experimental watershed". *Hydrology and Earth System Sciences*, 13:605-615. <https://doi.org/10.5194/hess-13-605-2009>, 2009
8. Valiantzas, J.D., V. Pollalis, K. Soulis, and **P.A. Londra**. 2009. "Modified form of the extended Kostiaikov equation including various initial and boundary conditions". *Journal of Irrigation and Drainage Engineering, ASCE*, 135(4):450-458. DOI: 10.1061/_ASCE_IR.1943-4774.0000011
9. **Londra, P.A.** 2010. "Simultaneous determination of water retention curve and unsaturated hydraulic conductivity of substrates using a steady-state laboratory method". *HortScience*, 45(7):1106-1112. DOI:<https://doi.org/10.21273/HORTSCI.45.7.1106>
10. Valiantzas, J.D., V. Pollalis, K. Soulis, and **P.A. Londra**. 2011. "Rapid Graphical Detection of Weakness Problems in Numerical Simulation Infiltration Models Using a Linearized Form Equation". *Journal of Irrigation and Drainage Engineering, ASCE*, 137(8):524–529. DOI: 10.1061/(ASCE)IR.1943-4774.0000318
11. Babilis, D.J., and **P.A. Londra**. 2011. "Assessment of various methods for the determination of hydraulic conductivities of two green roof substrates by steady state infiltration experiments". *Irrigation and Drainage*, 60(2): 274-280. DOI:10.1002/ird.543
12. **Londra, P.A.**, and J.D. Valiantzas. 2011. "Soil water diffusivity determination using a new two-point outflow method". *Soil Science Society of America Journal*, 75(4):1343-1346. doi:10.2136/sssaj2010.0448
13. Tzanakakis, V.A., N.V. Paranychianakis, **P.A. Londra** and A.N. Angelakis. 2011. "Effluent application to the land: Changes in soil properties and treatment potential". *Ecological Engineering*, 37:1757-1764. doi:10.1016/j.ecoleng.2011.06.024
14. Valiantzas, J.D. and **P.A. Londra**. 2012. "Simplified Equations for the Determination of the Hydraulic Properties of Horticultural Substrates by One-Step Outflow Experiments". *Journal of Plant Nutrition and Soil Science*, 175:49-52. DOI: 10.1002/jpln.201100186
15. **Londra, P.A.**, A.T. Paraskevopoulou, and M. Psychoyou. 2012. "Evaluation of water-air balance of various substrates on begonia growth". *HortScience*, 47(8):1153–1158. DOI:<https://doi.org/10.21273/HORTSCI.47.8.1153>
16. **Londra, P.A.**, M. Psychoyou, and J.D. Valiantzas. 2012. "Evaluation of substrate hydraulic properties amended by urea-formaldehyde resin foam". *HortScience*, 47(9):1375-1381. DOI:<https://doi.org/10.21273/HORTSCI.47.9.1375>

17. Paraskevopoulou, A., I. Mitsios, I. Fragkakis, P. Nektarios, N. Ntoulas, **P. Londra** and M. Papafotiou. 2014. "The growth of *Arthrocnemum macrostachyum* and *Halimione portulacoides* in an extensive green roof system under two watering regimes". *Agriculture and Agricultural Science Procedia*, 4:242 – 249.
18. Kargas, G. and **P.A. Londra**. 2015. "Effect of tillage practices on hydraulic properties of a loamy soil". *Desalination and Water Treatment*, 54(8):2138-2146. DOI:10.1080/19443994.2014.934110
19. **Londra, P.A.**, A.T. Theocharis, E. Baltas and V.A. Tsihrintzis. 2015. "Optimal sizing of rainwater harvesting tanks for domestic use in Greece". *Water Resources Management*, 29:4357–4377. DOI 10.1007/s11269-015-1064-1
20. Bourazanis, G., **P. Londra**, G. Kargas, I. Argyrokastritis and P. Kerkides. 2016. "Evaluation of porous medium hydraulic properties using experimental methods and RETC code". *Archives of Agronomy and Soil Science*, 62(8):1147-1157. DOI:10.1080/03650340.2015.1124095
21. **Londra, P.**, A. Theocharis, E. Baltas and V. Tsihrintzis. 2017. "Reliability analysis of household rainwater harvesting tanks in Greece". *Water Utility Journal*, 16:17-24.
22. Kargas, G., **P. Londra** and J. Valiantzas. 2017. "Estimation of near-saturated hydraulic conductivity values using a mini disc infiltrometer". *Water Utility Journal*, 16:97-104.
23. Paraskevopoulou, A., A. Spentzas, K. Lahaniotis, I. Karapanos, D. Perdakis and **P. Londra**. 2017. "The establishment of a wildflower meadow "designed" for people to harvest". *Acta Horticulturae*, 1189:119-124, DOI:10.17660/ActaHortic.2017.1189.24
24. Alevizos, I., A. Paraskevopoulou, A. Kamoutsis, M. Psychoyou and **P. Londra**. 2017. "The impact of design on the environmental contribution of street trees in Kallithea, Athens". *Acta Horticulturae*, 1189:251-255, DOI:10.17660/ActaHortic.2017.1189.48 (IF: -)
25. **Londra, P.**, A. Theocharis, E. Baltas and V. Tsihrintzis. 2018. "Assessment of rainwater harvesting tank size for livestock use". *Water Science and Technology: Water Supply*, 18.2:555-566. DOI: 10.2166/ws.2017.136
26. **Londra, P.** and G. Kargas. 2018. "Evaluation of hydrodynamic characteristics of porous media from one step outflow experiments using RETC code". *Journal of Hydroinformatics*, 20.3:699-707; DOI: 10.2166/hydro.2018.148
27. **Londra, P.**, A. Paraskevopoulou, and M. Psychogiou. 2018. "Hydrological Behavior of Peat- and Coir-Based Substrates and Their Effect on Begonia Growth". *Water*, 10(6), 722; DOI:10.3390/w10060722
28. Koumoura, K., E. Feloni, **P. Londra**, E. Baltas and V. Tsihrintzis. 2018. "Uncertainty analysis in sizing rainwater harvesting tanks in an isolated island with limited water resources". *Global Nest Journal*, 20(3):534-54; DOI:10.30955/gnj.002535

29. Kargas, G., **P. Londra**, K. Anastasiou and P. Kerkides. 2018. "A note on one- and three-dimensional infiltration analysis from mini disc infiltrometer". *Water*, 10(12), 1783; DOI:10.3390/w10121783
30. Kargas, G., **P. Londra** and P. Kerkides. 2019. "Investigation of the flux-concentration relation for horizontal flow in soils". *Water*, 11(12), 2442; DOI:10.3390/w11122442
31. Kargas, G., **P. Londra**, M. Anastasiadou and N. Moustakas. 2020. "Study of soil iron content effect on the estimation of soil moisture using dielectric sensors". *Water*, 12(2), 598; doi.org/10.3390/w12020598
32. Paraskevopoulou, A.T., A. Kontodaimon Karantzi, G. Liakopoulos, **P.A. Londra** and K. Bertsouklis. 2020. "The effect of salinity on the growth of lavender species". *Water*, 12(3), 618; https://doi.org/10.3390/w12030618
33. Paraskevopoulou, A.T., P. Tsarouchas, **P.A. Londra** and A.P. Kamoutsis. 2020. "The effect of irrigation treatment on the growth of lavender species in an extensive green roof system". *Water*, 12(3), 863; https://doi.org/10.3390/w12030863
34. Kargas, G., **P. Londra** and A. Sgoubopoulou. 2020. "Effect of 1:1 and 1:5 soil to water extract electrical conductivity methods on estimation of soil saturated paste extract electrical conductivity". *Water*, 12(4), 1010; https://doi.org/10.3390/w12041010
35. Soulis, K., **P. Londra** and G. Kargas. "Investigation of the spatial and temporal variability of surface soil layer saturated hydraulic conductivity in a Mediterranean natural watershed". *Hydrological Sciences Journal*; 65:15, 2616-2629, DOI: 10.1080/02626667.2020.1831694
36. Kargas, G. and **P. Londra**. "Comparison of two-parameter vertical ponded infiltration equations". *Environmental Modeling & Assessment*; 26:179–186, https://doi.org/10.1007/s10666-020-09727-5
37. Soulis, K.X., E. Psomiadis, **P. Londra** and D. Skuras. 2020. "A New Model-Based Approach for the Evaluation of the Net Contribution of the European Union Rural Development Program to the Reduction of Water Abstractions in Agriculture". *Sustainability*, 12, 7137; doi:10.3390/su12177137
38. Paraskevopoulou, A.T., E. Mollal-Halil, G. Liakopoulos, **P. Londra** and K. Bertsouklis. 2020. "The effect of salinity on Chrysanthemum 'Amiko red'". *Acta Horticulturae*, 1298:529-533, 10.17660/ActaHortic.2020.1298.72
39. Kargas, G., **P.A. Londra** and K. Sotirakoglou. 2021. "Saturated Hydraulic Conductivity Measurements in a Loam Soil Covered by Native Vegetation: Spatial and Temporal Variability in the Upper Soil Layer". *Geosciences*, 11, 105. https://doi.org/10.3390/geosciences11020105.

40. Paraskevopoulou, A.T., S. Zafeiriou and **P.A. Londra**. 2021. "Plant growth of *Atriplex portulacoides* affected by irrigation amount and substrate type in an extensive green roof system". *Ecological Engineering*, 165: 106223
41. **Londra, P.A.**, I.-E. Kotsatos, N. Theotokatos, A.T. Theocharis and N. Dercas. 2021. "Reliability Analysis of Rainwater Harvesting Tanks for Irrigation Use in Greenhouse Agriculture". *Hydrology*, 8, 132. <https://doi.org/10.3390/hydrology8030132>
42. Argyrokastritis, I., M. Psychogiou and **P.A. Londra**. 2021. "Infiltration under Pondered Conditions". *Water* 2021, 13, 3492. <https://doi.org/10.3390/w13243492>
43. Kargas, G., **P. Londra** and K. Sotirakoglou. 2022. "The Effect of Soil Texture on the Conversion Factor of 1:5 Soil/Water Extract Electrical Conductivity ($EC_{1:5}$) to Soil Saturated Paste Extract Electrical Conductivity (EC_e)". *Water* 2022, 14, 642. <https://doi.org/10.3390/w14040642>
44. Kargas, G., D. Koka and **P.A. Londra**. 2022. "Determination of Soil Hydraulic Properties from Infiltration Data Using Various Methods". *Land*, 2022, 11(6); <https://doi.org/10.3390/land11060779>
45. **Londra, P.A.**, P. Gkolfinopoulou, A. Mponou and A.T. Theocharis. 2022. "Effect of Rainfall Regime on Rainwater Harvesting Tank Sizing for Greenhouse Irrigation Use". *Hydrology*, 2022, 9(7), 122; <https://doi.org/10.3390/hydrology9070122>
46. Kargas, G., D. Koka and **P.A. Londra**. 2022. "Evaluation of Soil Hydraulic Parameters Calculation Methods Using a Tension Infiltrometer". *Soil Systems*, 2022, 6(3), 63; <https://doi.org/10.3390/soilsystems6030063>
47. Kargas, G., **P.A. Londra**, D. Koka and A. Sgoubopoulou. 2023. "Relationships between saturated paste and 1:1 or 1:5 soil/water extract sodium adsorption ratios". *Irrigation and Drainage*, 72:503-514; <https://doi.org/10.1002/ird.2775>
48. Kargas, G., **P. Londra** and K. Sotirakoglou. 2023. "Evaluation of soil salinity using the dielectric sensor WET-2". *Soil Research*, 61(4): 397-409; <https://doi.org/10.1071/SR22163>
49. Kargas, G., P. Kerkides and **P.A. Londra**. 2023. "Study of the Soil Water Movement in Irrigated Agriculture". *Water*, 15(1), 127; <https://doi.org/10.3390/w15010127>
50. Kargas, G., D. Koka and **P.A. Londra**. 2023. "Revisiting of a Three-Parameter One-Dimensional Vertical Infiltration Equation". *Hydrology*, 10, 43. <https://doi.org/10.3390/hydrology10020043>
51. Kargas, G., P. Kerkides and **P.A. Londra**. 2023. "Study of the Soil Water Movement in Irrigated Agriculture II". *Water*, 15(11), 2033; <https://doi.org/10.3390/w15112033>
52. Koka, D., G. Kargas, and **P.A. Londra**. 2023. "Comparison of Soil Hydraulic Properties Estimated by Steady- and Unsteady-Flow Methods in the Laboratory". *Water*, 15(20), 3554; <https://doi.org/10.3390/w15203554>

53. Kargas, G., D. Koka, **P.A. Londra** and L. Mindrinos. 2024. "Comparison of methods predicting advance time in furrow irrigation." *Water*, 16, 1105; <https://doi.org/10.3390/w16081105>
54. Malounas, I., G. Paliouras, D. Nikolopoulos, G. Liakopoulos, P. Bresta, **P. Londra**, A. Katsileros, S. Fountas. 2024. "Early detection of broccoli drought acclimation/stress in agricultural environments utilising proximal hyperspectral imaging and AutoML". *Smart Agricultural Technology*, 8, 100463, <https://doi.org/10.1016/j.atech.2024.100463>
55. Kargas, G., D. Koka, **P.A. Londra** and L. Mindrinos. 2024. "Comparison of two infiltration equations with three-terms expansions consistent with the approach of Philip theory." *Irrigation and Drainage* 2024;1–14, <https://doi.org/10.1002/ird.3062>
56. Schillaci C., S. Scarpa, F. Yunta, A. Lipani, F. Visconti, G. Szatmári, K. Balog, T. Koganti, M. Greve, G. Bondi, G. Kargas, **P. Londra**, F. Kaya, G. Lo Papa, P. Panagos, L. Montanarella, A. Jones. 2025. "Empirical Estimation of Saturated Soil-Paste Electrical Conductivity in the EU using Pedotransfer Functions and Quantile Regression Forests: A Mapping Approach based on LUCAS Topsoil Data". *Geoderma*, 454, 117199. [10.1016/j.geoderma.2025.117199](https://doi.org/10.1016/j.geoderma.2025.117199)
57. Kargas, G., L. Mindrinos and **P. Londra**. 2025. "Assessment of Soil Hydraulic Characteristics in Surface Irrigation via a Three-Term Infiltration Equation". *Environmental Modeling & Assessment*, <https://doi.org/10.1007/s10666-025-10032-2>

C. Papers in National Peer-Reviewed Scientific Journals

1. Aggelides, S., **P. Londra**, S. Theocharopoulos, and A. Statha. 1997. "Calibration of gypsum blocks in terms of temperature and its evaluation". *Agricultural Research*, 21:83-93. (in Greek)
2. **Londra, P.**, G. Kargas and J. Valiantzas. 2016. "Evaluation of hydrodynamic characteristics of porous media using RETC code". *Hydrotechnika*, 24:14-22 (in Greek)
3. **Londra, P.**, A. Theocharis, E. Baltas and V. Tsihrintzis. 2016. "Investigation of rainwater harvesting tank size for livestock use in Greece". *Hydrotechnika*, 24:51-58 (in Greek)
4. Kargas, G., D. Koka and **P. Londra**. 2023. "Determination of soil hydraulic conductivity using a tension infiltrometer". *Hydrotechnika*, 32:14-36. (in Greek)
5. Kargas, G., D. Koka, **P. Londra** and L. Mindrinos. 2024. "Comparison of prediction methods of the advance phase completion time in furrow irrigation". *Hydrotechnika*, 33:1-12 (in Greek).

D. Papers in International Conference Proceedings (Peer Reviewed)

1. Aggelides, S., S. Theocharopoulos, and **P. Londra**. 1995. "Calibration of soil moisture gypsum blocks for temperature". *Proceedings of the 3rd International Meeting on Red Mediterranean Soils*, Chalkidiki-Greece, May 21-26, 1995. pp. 187-190.

2. Tsanis, K., **P.A. Londra**, and A.N. Angelakis. 1996. "Assesment of Water Needs for Irrigation in the Island of Crete". *Acta Horticulturae*, 458:95-103.
3. Karamanos, A., N. Dercas, **P. Londra**, and S. Aggelides. 2007. "Agricultural water saving in Greece". *Proceedings of the 6th International Conference on Water Saving in Mediterranean Agriculture and Future Research Needs*, Valenzano-Italy, February 14-17, 2007. Number 56 – Vol. III pp. 225-234.
4. Kargas, G. and **P.A. Londra**. 2013. "Effect of tillage and no-tillage practices on hydraulic properties of a loam soil". *1st EWaS-MED International Conference: "Improving Efficiency of Water Systems in a changing natural and financial environment"*, Thessaloniki-Greece, 11–13 April 2013
5. Paraskevopoulou, A., I. Mitsios, I. Fragkakis, P. Nektarios, N. Ntoulas, **P. Londra** and M. Papafotiou. 2014. "The growth of *Arthrocnemum macrostachyum* and *Halimione portulacoides* in an extensive green roof system under two watering regimes". *Agriculture and Agricultural Science Procedia*, 4:242 – 249. DOI: 10.1016/j.aaspro.2015.03.028
6. **Londra, P.A.**, A.T. Theocharis, E. Baltas and V.A. Tsihrintzis. 2015. "Effect of dry period on sizing of domestic rainwater harvesting tank". *14th International Conference on Environmental Science and Technology*, Rhodes-Greece, 3-5 September 2015.
7. Papagianni, E., **P. Londra**, A. Theocharis, E. Baltas and V. Tsihrintzis. 2016. "Rainwater tanks reliability analysis in Cyclades islands". *13th International Conference on Protection and Restoration of the Environment*, Mykonos-Greece, 3-8 July, 2016.
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G. Technical reports

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