

CURRICULUM VITAE

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Stavros G. Alexandris

Nationality: Hellenic
Date of Birth: 22 January 1957
Place of Birth: Levadia Boeotia
Marital status: Married, two children
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Formal education

Graduate: (Agricultural Engineer) Agricultural University of Athens (1975-1982) BS&MS
PhD of Agricultural Sciences, Agricultural University of Athens (2002)
Languages: English, Greek (mother tongue)

Professional and Academic status.

Research assistant, Agricultural University of Athens (1984-1999)
Teaching & Research assistant, Agricultural University of Athens (1999-2005)
Lecturer, Agricultural University of Athens, (2005-2012)
Assistant Professor, Agricultural University of Athens (2012-2017)
Associate Professor, Agricultural University of Athens (2017-Today)

Training and Courses

Training Course in Atomic Absorption Spectroscopy. January, Varian's Application Laboratory. Swiss (1989)
Attendance of a seminar of the European Association for Environmental Management Education, National & Kapodistrian University of Athens. (1992)
Training on Eddy correlation system (ECS.) Carbon and Water fluxes at Solling Mountains in Central Germany, Institute of Bioclimatology, Faculty of Forest Science and Forest Ecology. Georg-August University Goettingen (1998).
Post-doctoral advanced Training Course on Irrigation/Fertigation, Agriculture Research Institute, Ministry of Agriculture, Natural Resources and Environment. Nicosia (2003).

Teaching

Seminars: Teaching at the General Secretariat for Youth and at the Vocational Training Institutes (Pollution of surface and groundwater, inorganic pollutants, Heavy metals in surface and underground waters, Laboratory assays, (1988-1994)

Undergraduate courses (Department of Natural Resources Management & Agricultural Engineering) (Theory & Labs): Teaching courses on Agricultural Micrometeorology Meteorology, Agricultural Hydraulics-Irrigation, Crop water requirements, Irrigation Systems, Computer Aided Design (CAD) and Applications.

Postgraduate courses: (Department of Natural Resources Management & Agricultural Engineering) 2008 – Today: Specific issues on Agricultural Meteorology, 2008 – 2011: Crop water requirements 2008 – 2011 “*Principles of Agriculture Water Use – Joint Diploma M. Sc. Course*”, Faculty of Agriculture in Novi Sad and Belgrade, Serbia.

Computing Skills

MS Basic PDS 7.1 (BASIC Professional Development System), Visual Basic (*Windows Data Access Objects, Remote Data Objects, ActiveX Data Objects*).

Data loggers & Data Acquisition Systems Data logger Programming – LoggerNet 4.1, Datalogger Support Software (LNDB Windows XP, Windows 7), PC208W Datalogger Support Programming & communication Software (1996-2001 CAMPBELL SCIENTIFIC, INC.), Short Cut software for simple programs (CR200-series, CR510, CR500, CR10(X), 21X, CR23X, CR800, CR1000), DL2 Software Ls2Win 1.0 SR7, Onset Hobo Datalogger HOBOWare 3.2.1

Advanced knowledge of AutoCAD Software, and Image processing software : AutoCAD Autodesk (LT, Civil 3D, Architecture, Mechanical, Map 3D, 3ds Max, Maya Plant Design Suite), PRO Landscape Design Software, CorelDRAW Graphics Suite X5 (Correl DrawX5, Photo PaintX5), Adobe Photoshop CS5 (Illustrator, Photoshop), Photomatrix Pro 2.3.6 (HDR high dynamic range imaging Tone Mapping) Pinnacle studio HD 14.0, GIS-Mapping Software: Surfer ver 8, 9, 10 (Contouring, Gridding, 3D Surface Mapping), MapViewer 7 (mapping and spatial analysis), Didger 3 (digitizing, Georeferencing, coordinate projection) Land & Water software: ETo calculator software Reference evapotranspiration (ETo) according to FAO standards, CROPWAT 8.0 for Windows (FAO), CLIMWAT 2.0 for Windows (FAO), AquaCrop (Land and Water Division of FAO), AQUASTAT (information system on water and agriculture, MODFLOW (3D groundwater flow model)

Statistical software and web Tools : SPSS 16.0 for Windows, Statistica, Kernel, release 5.5, Statsoft, Origin Pro 8, Microcal Origin, Grapher Golden Software. Advanced knowledge of Microsoft Windows environments and Web Tools, Office package (Word, Excel, Access, PowerPoint, FrontPage and Outlook, Publisher, Visio), FTP client, Adobe Dreamweaver CS5 HTML5, Microsoft Expression Web 4, Microsoft FrontPage

Scientific Unions

Member of Geotechnical chamber of Greece, Member of the Hellenic Meteorological Society, International partner of the CropWat participants, Member (in administrative council) of the Hellenic Society of Agricultural Engineers for the biennium 2015-2017.

Registered Reviewer in International Scientific Journal

Journal of Agricultural Water Management (AGWAT), Water Resources Management (WARM), Journal of Hydrology, Urban Water Journal, Hydrological Sciences Journal, Water Resources Management, Urban Water Journal, MDPI (Hydrology, Water, Sci, Atmosphere)

Participation in research projects

- Ecological impact of air pollution in the Attica region and study of possible solutions for rehabilitation (Contract number B 6612/9, 1983 – 1987, Scientific Responsible: prof. A. Poulouvasilis)
- Monitoring of the sea water intrusion in the groundwater aquifers of Argolis Plain. Financed by the C.E.C. and the Ministry of Agriculture of Greece. Scientific Responsible: Prof. A. Poulouvasilis. Funded by EC, (1984-1996.)
- Rational water application for irrigation and drainage purposes under Greek conditions. (1985-1996). EC & Greek Agricultural Ministry (Responsible: Prof. A. Poulouvasilis)
- Validity limits and possible trends of coastal south Mediterranean traditional groundwater irrigated agriculture (Contract No.8001-CT90-0012 1992). Centre Int. de Hautes Etudes Agronomiques Mediterranees, Bari, Italy, Agricultural University of Athens, Bonifica S.p.A. Consulting Engineers, Italy, Exarchou, Nicolopoulos Ltd Consulting Engineers, Greece. Financed by the C.E.C.
- Understanding the natural and anthropogenic causes of land degradation and desertification in the Mediterranean Basin. (Financed by the C.E.C 1994-1998, EC, Scientific Responsible in Agricultural University of Athens: A. Poulouvasilis)
- MEDEFU: Carbon and water fluxes of Mediterranean forests and impacts of land use/cover changes (EC Project, ENV4-CT97-0685 DGXII-Environment and Climate, 1998-2000, Agricultural university of Athens, Institute of Bioclimatology. Faculty of Forest Science and Forest Ecology. Georg-August-University Goettingen.
- “LOWLAND AGRICULTURAL WATER MANAGEMENT (LOLAqua) Internationally oriented M.Sc. course, TEMPUS JEP 40071-2005 E.C. Funded, University of Exeter, University of Novisad,

University of Belgrade, Estacion Experimental del Aula Dei Zaragoza Experimental del Aula Dei Zaragoza. Scientific Responsible for Agricultural University of Athens, C Karavitis. (2006 - 2010), <http://lolaqua.polj.uns.ac.rs/>

- Project Grant Technical Support of the Central Water Resources Agency for the Preparation of Drought Management Strategies and Short-term Drought Response Plan in Greece. 10889/11/07/2007 EPPER 2000-2006. Total Budget: 40.000,00€, Scientific Responsible in Agricultural University of Athens, Coordinator C Karavitis. (2008)
- 2009 – 2012 Drought Management Centre For Southeastern Europe" (DMCSEE) E.C., South East Europe Transnational Cooperation Programme (SEE) Scientific Responsible in Agricultural University of Athens: C Karavitis. <http://www.dmcsee.org/>
- 2011-2015 Technologies For Water Recycling And Reuse In Latin America: Context, Assessment, Decision Tools And Implementable Strategies Under An Uncertain Future (COROADO)", EC, FP7, (Coordinator X. Karavitis.(<http://www.coroado-project.eu/>)
- Development & Management of Wireless Broadband and Optical Networks, Information Management & Automation Control Systems in Agricultural Production and Electronic Business in the Peloponnese Region. Business Program "Education and Lifelong Learning" (project code, MIS 505700, Coordinator: TEI of Peloponnese, Department of Informatics Engineering, Partner Institutions: the University of Peloponnese, University of Piraeus entitled: "Applied Agrometeorology" 2015
- GreenWaterDrone project. Development and Implementation of an Innovative and Economical System for Precise & Dynamic Irrigation Programming and Crop Surveillance. Scientific Responsible Stavros Alexandris (2018-20121) <https://www.greenwaterdrone.eu/>

Invited speaker

- Invited speaker at the University of Italy Università degli Studi della Basilicata (Facoltà di Agraria). Lecture on: "A new empirical formula (Copais Model) for hourly and Daily reference evapotranspiration". July 12, 2005
- Invited speaker at the University of the Aegean for a lecture series in the Postgraduate Program "Environmental Policy & Management" framework. Lecture on 27/03/2014: "Sun and Water: The inseparable companions in the perpetual evolution of climate system". Lecture on 28/03/2014: "The role of meteorological observations in capturing microclimate and determining water requirements of crops".
- Lecture in the context of the meeting of the program "COROADO" entitled: "Reasons for non-rational estimates of ETo propagating uncertainty to water demand calculations". Mexico City, 24 June 2015
- Invited speaker at the University of Belgrade. Lecture on: "Spatial measurements by infrared temperature sensor and Crop water Stress Index Estimation". February 2020. In the context of the postgraduate program

Field measurement systems development

- ET-Copais: A novel low-cost and accurate system, for Grass Reference Evapotranspiration measurements.([Copais ET-System](#))
- GreenWaterDrone: Design and implementation of an innovative Aerial MicroStation in a quadcopter for spatial estimates of crop water stress index. (<https://www.greenwaterdrone.eu/>)
- A Grass Reference Station for ETo measurements: Micro-Meteorological station for reference grass in the Aliartos experimental field of AUA.

Publications

PhD Thesis

1. Alexandris, S.G. (2003). Comparative evaluation of Evapotranspiration methods under Greek conditions. (PhD Thesis), Agricultural University of Athens, Department of Natural Resources and Agricultural Engineering. Division of Water Resources). <http://hdl.handle.net/10442/hedi/22171>

Publications in Referred International Journals

2. Poulouvassilis, A., Kerkides, P., Alexandris, S., & Rizos, S. (1998). A contribution to the study of the water and energy balances of an irrigated soil profile: A. Heat flux estimates. *Soil and Tillage Research*, 45(1-2), 189-198. DOI: [https://doi.org/10.1016/S0933-3630\(97\)00008-1](https://doi.org/10.1016/S0933-3630(97)00008-1)
3. Anadranistakis, M., Kerkides, P., Liakatas, A., Alexandris, S., & Poulouvassilis, A. (1999). How significant is the usual assumption of neutral stability in evapotranspiration estimating models? *Meteorological Applications*, 6(2), 155-158. DOI: <https://doi.org/10.1017/S1350482799001127>
4. KERKIDES, P., ALEXANDRIS, S., RIZOS, S., & AGGELIDES, S. (1999). Calibration of Wind Function for Hourly Penman Reference Evapotranspiration Estimates. *JOURNAL OF BALKAN ECOLOGY*, 2(4), 43-49. LINK: <https://en.ecobalk.com/>
5. Poulouvassilis, A., Anadranistakis, M., Liakatas, A., Alexandris, S., & Kerkides, P. (2001). Semi-empirical approach for estimating actual evapotranspiration in Greece. *Agricultural Water Management*, 51(2), 143-152. [https://doi.org/10.1016/S0378-3774\(01\)00121-4](https://doi.org/10.1016/S0378-3774(01)00121-4)
6. Liakatas, A., Proutsos, N., & Alexandris, S. (2002). Optical properties affecting the radiant energy of an oak forest. *Meteorological Applications*, 9(4), 433-436. DOI: <https://doi.org/10.1017/S135048270200405X>
7. Alexandris, S., & Kerkides, P. (2003). New empirical formula for hourly estimations of reference evapotranspiration. *Agricultural Water Management*, 60(3), 157-180. DOI: [https://doi.org/10.1016/S0378-3774\(02\)00172-5](https://doi.org/10.1016/S0378-3774(02)00172-5)
8. Alexandris, S., Kerkides, P., & Liakatas, A. (2006). Daily reference evapotranspiration estimates by the "Copais" approach. *Agricultural Water Management*, 82(3), 371-386. DOI: <https://doi.org/10.1016/j.agwat.2005.08.001>
9. Alexandris, S., Stricevic, R., & Petkovic, S. (2008). Comparative analysis of reference evapotranspiration from the surface of rainfed grass in central Serbia, calculated by six empirical methods against the Penman-Monteith formula. *European Water*, 21(22), 17-28. LINK: http://www.ewra.net/ew/issue_21-22.htm
10. Skondras, N. A., Karavitis, C. A., Gkotsis, I. I., Scott, P. J. B., Kaly, U. L., & Alexandris, S. G. (2011). Application and assessment of the Environmental Vulnerability Index in Greece. *Ecological Indicators*, 11(6), 1699-1706. DOI: <https://doi.org/10.1016/j.ecolind.2011.04.010>
11. Karavitis, C. A., Alexandris, S., Tsesmelis, D. E., & Athanasopoulos, G. (2011). Application of the standardized precipitation index (SPI) in Greece. *Water* 3: 787-805. DOI: <https://doi.org/10.3390/w3030787>
12. Karavitis, C. A., Chortaria, C., Alexandris, S., Vasilakou, C. G., & Tsesmelis, D. E. (2012). Development of the standardised precipitation index for Greece. *Urban Water Journal*, 9(6), 401-417. DOI: <https://doi.org/10.1080/1573062X.2012.690431>
13. Efthimiou, N., Alexandris, S., Karavitis, C., & Mamassis, N. (2013). Comparative analysis of reference evapotranspiration estimation between various methods and the FAO56 Penman-Monteith procedure. *European Water*, 42, 19-34. LINK: http://www.ewra.net/ew/issue_42.htm
14. Karavitis, C. A., Tsesmelis, D. E., Skondras, N. A., Stamatakos, D., Alexandris, S., Fassouli, V., & Vlachos, E. C. (2014). Linking drought characteristics to impacts on a spatial and temporal scale. *Water Policy*, 16(6), 1172-1197. DOI: <https://doi.org/10.2166/wp.2014.205>
15. Chatzithomas, C., Alexandris, S., & Karavitis, C. (2015). Multivariate linear relation for precipitation: a new simple empirical formula. *Studia Geophysica et Geodaetica*, 59(2), 325-344. DOI: <https://doi.org/10.1007/s11200-013-1162-6>
16. Karavitis, C. A., Vasilakou, C. G., Tsesmelis, D. E., Oikonomou, P. D., Skondras, N. A., Stamatakos, D., & Alexandris, S. (2015). Short-term drought forecasting combining stochastic and geo-statistical approaches. *European Water*, 49, 43-63. LINK: http://www.ewra.net/ew/issue_49.htm

17. Chatzithomas, C. D., & Alexandris, S. G. (2015). Solar radiation and relative humidity based, empirical method, to estimate hourly reference evapotranspiration. *Agricultural Water Management*, 152, 188-197. DOI: <https://doi.org/10.1016/j.agwat.2015.01.019>
18. Argyrokastritis, I. G., Papastylianou, P. T., & Alexandris, S. (2015). Leaf water potential and crop water stress index variation for full and deficit irrigated cotton in Mediterranean conditions. *Agriculture and Agricultural Science Procedia*, 4, 463-470. DOI: <https://doi.org/10.1016/j.aaspro.2015.03.054>
19. Αλεξανδρής Σ., Δ. Τσεσμελής, Ν. Προύτσος, Κ. Χατζηθωμάς, Ν. Σκόνδρας, Δ. Σταματάκος, Κ. Βασιλάκου, Ι. Γκώτσης, Β. Φασούλη, Η. Βιτωράτος, Χ. (2016). ΚΑΡΑΒΙΤΗ ΣΥΜΒΟΛΗ ΤΗΣ ΧΡΗΣΗΣ ΕΜΠΕΙΡΙΚΩΝ ΜΕΘΟΔΩΝ ΚΑΙ ΔΟΡΥΦΟΡΙΚΩΝ ΔΕΔΟΜΕΝΩΝ ΣΤΗΝ ΕΚΤΙΜΗΣΗ ΤΗΣ ΗΜΕΡΗΣΙΑΣ ΕΞΑΤΜΟΔΙΑΠΝΟΗΣ ΑΝΑΦΟΡΑΣ. *ΥΔΡΟΤΕΧΝΙΚΑ* 24: 72-84
20. Proutsos, N., Liakatas, A., Alexandris, S., & Tsiros, I. (2017). Carbon fluxes above a deciduous forest in Greece. *Atmósfera*, 30(4), 311-322. DOI: <https://doi.org/10.20937/atm.2017.30.04.03>
21. Tsesmelis, D. E., Karavitis, C. A., Oikonomou, P. D., Alexandris, S., & Kosmas, C. (2019). Assessment of the vulnerability to drought and desertification characteristics using the standardized drought vulnerability index (SDVI) and the environmentally sensitive areas index (ESAI). *Resources*, 8(1), 6. DOI: <https://doi.org/10.3390/resources8010006>
22. Tsesmelis, D. E., Oikonomou, P. D., Vasilakou, C. G., Skondras, N. A., Fassouli, V., Alexandris, S. G., & Karavitis, C. A. (2019). Assessing structural uncertainty caused by different weighting methods on the Standardized Drought Vulnerability Index (SDVI). *Stochastic Environmental Research and Risk Assessment*, 33(2), 515-533. DOI: <https://doi.org/10.1007/s00477-019-01648-4>
23. Proutsos, N., Liakatas, A., & Alexandris, S. (2019). Ratio of photosynthetically active to total incoming radiation above a Mediterranean deciduous oak forest. *Theoretical and Applied Climatology*, 137(3), 2927-2939. DOI: <https://doi.org/10.1007/s00704-019-02786-z>
24. Vamvakoulas, C., Alexandris, S., & Argyrokastritis, I. (2020). Dry above ground biomass for a soybean crop using an empirical model in Greece. *Energies*, 13(1), 201. DOI: <https://doi.org/10.3390/en13010201>
25. Karavitis C., D.Tsesmelis, P. Oikonomou, O. Kairis, C. Kosmas, V. Fassouli, C. Ritsema, R. Hessel, V. Jetten, N. Moustakas, B. Todorovic, N. A Skondras, C. G Vasilakou, S. Alexandris, E. Kolokytha, D. Stamatakos, R. Stricevic, E. Chatzigeorgiadis, J. Brandt, N. Geeson, G. Quaranta. (2020). A desertification risk assessment decision support tool (DRAST). *Catena*, 187, 104413. DOI: <https://doi.org/10.1016/j.catena.2019.104412>
26. Alexandris, S., & Proutsos, N. (2020). How significant is the effect of the surface characteristics on the Reference Evapotranspiration estimates? *Agricultural Water Management*, 237, 106181. DOI: <https://doi.org/10.1016/j.agwat.2020.106180>
27. Vamvakoulas, C., Argyrokastritis, I., Papastylianou, P., Papatheohari, Y., & Alexandris, S. (2020). Crop water stress index relationship with soybean seed, protein and oil yield under varying irrigation regimes in a Mediterranean environment. *Israel Journal of Plant Sciences*, 67(3-4), 181-193. DOI: <https://doi.org/10.1163/22238980-bja10012>
28. Fassouli, V. P., Karavitis, C. A., Tsesmelis, D. E., & Alexandris, S. G. (2021). Factual Drought Index (FDI): a composite index based on precipitation and evapotranspiration. *Hydrological Sciences Journal*, 66(11), 1638-1652. DOI: <https://doi.org/10.1080/02626667.2021.1957476>
29. Tsesmelis, D. E., Karavitis, C. A., Kalogeropoulos, K., Tsatsaris, A., Zervas, E., Vasilakou, C. G., & Kosmas, C. (2021). Development and Application of Water and Land Resources Degradation Index (WLDI). *Earth*, 2(3), 515-531. DOI: <https://doi.org/10.3390/earth2030029>
30. Alexandris S; Psomiadis, E; Proutsos, N; Philippopoulos, P; Charalampopoulos, I; Kakalettris, G; Papoutsis, EM; Vassilakis, S; Paraskevopoulos, A, (2021). Integrating Drone Technology into an Innovative Agrometeorological Methodology for the Precise and Real-Time Estimation of Crop Water Requirements. *Hydrology*, 8(3), 131. DOI: <https://doi.org/10.3390/hydrology8030130>
31. Tsesmelis, D. E., Karavitis, C. A., Kalogeropoulos, K., Zervas, E., Vasilakou, C. G., Skondras, N. A., ... & Kosmas, C. (2022). Evaluating the Degradation of Natural Resources in the Mediterranean Environment Using the Water and Land Resources Degradation Index, the Case of Crete Island. *Atmosphere*, 13(1), 135. DOI: <https://doi.org/10.3390/atmos13010134>

32. Proutsos, N., Alexandris, S., Liakatas, A., Nastos, P., & Tsiros, I. X. (2022). PAR and UVA composition of global solar radiation at 72a high altitude Mediterranean forest site. *Atmospheric Research*, 106039. DOI: <https://doi.org/10.1016/j.atmosres.2022.106039>
33. Koulelis P.P., Fassouli V.P., Petrakis P.V., Ioannidis K.D. and Alexandris S. (2022). The impact of selected climatic factors on Greek fir growth on Mt Giona in mainland Greece based on tree ring analysis. *Austrian Journal of Forest Science*. ISSUE 1/2022.
- Publications in International Conference proceedings*
34. Poulouvassilis A., P. Kerkides, S. Aggelides, T. Mimides, M. Psychoyou, S. Alexandris, G. Kargas and A. Sgoumbopoulou. Assessment of Impacts of Irrigated Agriculture: A Case Study. In: "Sustainability of irrigated agriculture", L.S. Pereira et al. (Eds), Kluwer Academic Publishers, pp. 601-613, 1996. https://link.springer.com/chapter/10.1007/978-94-015-8700-6_38
35. Alexandris S., P.M. Allen, I. Black, N. Kalamaras, P. Giannouloupoulos, M. Lemon, T. Mimides, A. Poulouvassilis, M. Psychoyou and R.A.F. Seaton (1998). Agricultural production and water quality in the Argolid valley, Greece. The Archaeomedes project. Understanding the natural and anthropogenic causes of degradation and desertification in the Mediterranean basin. European Commission Environment and Climate programme Research results. EUR 18181. ISSN 1018-5593, pp 281-326. ISBN: 92-828-3226-00.
36. Stavros G. Alexandris (Editor) and Ruzica Stricevic (Co-Editor). *Evapotranspiration - An Overview*. ISBN 978-953-51-1115-3, 284 pages, Publisher: InTech, Chapters published April 30, 2013, DOI:10.5772/33883 <https://www.intechopen.com/books/3082>
37. Εδαφολογία - Η φύση και οι ιδιότητες των εδαφών (The Nature and Properties of Soils. BRADY C. NYLE, WEIL R. RAY)" ISBN: 9789608002623. Σελίδες: 1004
38. Demetrios E Tsesmelis, Constantina G Vasilakou, Kleomenis Kalogeropoulos, Nikolaos Stathopoulos, Stavros G Alexandris, Efthimios Zervas, Panagiotis D Oikonomou, Christos A Karavitis, C. A. (2022). Chapter 46 - Drought assessment using the standardized precipitation index (SPI) in GIS environment in Greece. In *Computers in Earth and Environmental Sciences* (pp. 619-633). Elsevier.
39. Poulouvassilis A., S. Aggelides, P. Kerkides, T. Mimides, M. Psychoyou, S. Alexandris, G. Kargas and A. Sgoumbopoulou. (1993). "Cadmium concentration in groundwaters in the valley of Iria-Peloponnese". (Poster), First International Congress on the Environment. Abstracts Geotechnical Chamber of Greece, Athens, March 21-24,1993 p. 55
40. Poulouvassilis A., S. Aggelides, P. Kerkides, T. Mimides, M. Psychoyou, S. Alexandris, G. Kargas and A. Sgoumbopoulou, (1993). "Soil salt accumulation in the valley of Iria - Peloponnese due to irrigation with brackish groundwaters". (Poster) First International Congress on the Environment. Abstracts Geotechnical Chamber of Greece, Athens, March 21-24, 1993, p. 56
41. Poulouvassilis A., S. Aggelides, P. Kerkides, T. Mimides, M. Psychoyou, S. Alexandris, G. Kargas and A. Sgoumbopoulou, (1993). Nitrate concentrations in the ground waters of Iria and Argolis. First International Congress on the Environment. Abstracts Geotechnical Chamber of Greece, Athens, March 21-24,1993 p. 57
42. Poulouvassilis A., M. Psychoyou, S. Alexandris, (1993). "Rainwater quality in the Botanikos area of Attica". 1st Intern. Congress on the Environment. Geotechnical Chamber of Greece, Athens, March 21-24, 1993. Abstracts, p. 58.
43. Poulouvassilis A., S. Aggelides, P. Kerkides, T. Mimides, M. Psychoyou, S. Alexandris, G. Kargas and A. Sgoumbopoulou. (1993) "Sea-water intrusion in the coastal aquifers of Iria-Peloponnese due to overpumping". (Poster) First International Congress on the Environment. Abstracts Geotechnical Chamber of Greece, Athens, March 21-24,1993 p. 59
44. Poulouvassilis A., T. Mimides, A. Nikolopoylos, M. Psychoyou, A. Sgoumbopoulou, G. Kargas, P. Kerkides, S. Alexandris, S. Aggelides, and P. Gianouloupoulos. (1994). "Validity limits and possible trends of coastal South Mediterranean traditional groundwater irrigated agriculture". In *Proc Intern. Conf. on "Land and Water Resources Management in the Mediterranean Region"*, BARI, pp.73-99, Vol. IV, Sept. 1994.
45. Poulouvassilis A., P. Kerkides, S. Alexandris and S. Rizos. (1995). A contribution to the study of the water and energy balances of an irrigated soil profile. A. Heat flux estimates. In 3rd Intern.

- Meeting on "Red Mediterranean Soils". Chalkidiki-Greece, Summary Papers SSSGr, pp. 237-241, 21-26 May, 1995.
46. Anadranistakis M., A. Liakatas, S. Alexandris, S. Aggelides, P. Kerkides, S. Rizos, A. Poulouvassilis, (1998). Soil heat flux in the Penman-Monteith evapotranspiration equation. 2nd Intern. Symp. on "Irrigation of Horticultural Crops", Chania, Crete, Book of Abstracts p.13, 8-14 Sept.,1996, ISHS, Acta Horticulturae Vol.I pp. 69-74. Editor K.S. Chartzoulakis, Co-Editor A.N. Aggelakis.
 47. Morgenstern, K., Ibrom, A., Liakatas, A., Alexandris, S. (2001). Data quality control of Eddy-Covariance measurements: results from the Mogostos forest project. EGS XXVI General Assembly, Nice, France, March 2001.
 48. Proutsos N., S. Alexandris and A. Liakatas, (2004). Radiation in relation to defining the phenological stages and the variation, due to a fire, of the optical properties of a deciduous forest. 7th Panhellenic (International) Conference of Meteorology, Climatology and Atmospheric Physics, Cyprus 28-30 September 2004.
 49. Arcieri, M., Alexandris, S., Lovelli, S., & Perniola, M. (2006). Hourly reference evapotranspiration evaluation in southern Italy using estimated values of solar and net radiation from photosynthetically active radiation (PAR) measurements. In 8th Conference on Meteorology-Climatology-Atmospheric Physics Comecap 2006 (Vol. 100, pp. 1-10).
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