CURRICULUM VITAE

Charalampos C. Doulgeris

Senior Researcher Soil & Water Resources Institute Hellenic Agricultural Organisation «DEMETER»

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1. PERSONAL INFORMATION

Surname: Doulgeris

First name: Charalampos

Birth year: 1973

Citizenship: Greek

Current employment: Senior Researcher,

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2. SUMMARY

Dr Doulgeris is Senior Researcher in Hydrology at the Soil & Water Resources Institute of the Hellenic Agricultural Organisation "DEMETER". He has participated as coordinator, principal investigator or team member in the implementation of twenty five (25) research projects and seven (7) development projects or studies, as well as in the development of proposals to attract funding for new projects. His research interests include topics of surface and subsurface hydrology, agricultural hydraulics, water resources and environmental management, water quality and computational hydraulic methods. He has published 19 articles in peer-reviewed journals, 35 articles or abstracts in conferences, 1 book chapter, 33 technical reports of research projects and 8 layman's articles. His teaching experience includes academic lectures and seminar courses.

3. EDUCATION

- B.Sc. in Agriculture hydraulics, soil science and agricultural engineering, School of Agriculture, Aristotle University of Thessaloniki, 1997
- M.Sc. in land reclamation water resources, School of Agriculture, Aristotle University of Thessaloniki, 2000
- Ph.D., School of Agriculture, Aristotle University of Thessaloniki, 2006, thesis: "Seawater intrusion in coastal aquifers Mathematical simulation"
- Pedagogical and Teaching Competence Certificate, School of Pedagogical & Technological Education, Greece, 2011

4. PROFESSIONAL-RESEARCH EXPERIENCE

Current employment 2020/4-	Hellenic Agricultural Organisation "DEMETER" Soil & Water Resources Institute Senior Researcher (grade C)
2017/7-2020/4	Hellenic Agricultural Organisation "DEMETER" Soil & Water Resources Institute Researcher (grade D)
2012/11-2015/2	University of Huddersfield (UK) School of Applied Sciences Post-doctoral researcher
2003/9-2012/11 & 2015/3-2017/6	Greek Biotope/Wetland Centre Water and Soil Resources Department Specialist in hydrology – water resources management
2003/5-9	Hellenic Sugar Industry Agricultural Research Services Agronomist in irrigation and soil science topics
1998/6-2001/8	Aristotle University of Thessaloniki, School of Agriculture Laboratory of General & Agricultural Hydraulics & Land Reclamation Research associate

5. EDUCATIONAL-TEACHING EXPERIENCE

5.1. University teaching

Course	Annual Course of Pedagogical Education
Institution	School of Pedagogical and Technological Education Department of Education
Period	24/11/2011 - 24/2/2012
Module/Semester	Didactics of Specialty Subjects / 1 st Semester
Course	Undergraduate Course
Institution	Democritus University of Thrace Department of Agricultural Development
Period	15/10/2009 - 31/1/2010
Module/Semester	Agricultural Hydraulics / 3 rd Semester

5.2. Training seminars

Seminar	Word processing and spreadsheet data management
Period	10/5/1999 - 21/5/1999
Institution	Aristotle University of Thessaloniki School of Agriculture
Programme	Undergraduate Student Internship Programme
Seminar	Multimedia applications
Period	1/3/2001 - 30/4/2001
Institution	Aristotle University of Thessaloniki School of Agriculture
Programme	Undergraduate Student Internship Programme
Seminar	Water resources management – Computational tools
Period	5/5/2008 - 13/6/2008
Institution	Greek Biotope/Wetland Centre
Programme	Training of the Water Directorate executives in the framework of the research project "DIAY: Development of hydroinformatic systems and tools for water resources management in water districts of Northern Greece based on the Water Framework Directive 2000/60/EC"
Seminar	Didactics of Specialty Subjects
Period	13/2/2012 - 4/5/2012
Institution	School of Pedagogical and Technological Education Department of Education
Programme	Quarterly pedagogical training programme for deputy teachers

5.3. Dissertations supervision

Supervising three dissertations in the Annual Course of Pedagogical Education of the School of Pedagogical and Technological Education:

- 1. Tsanaktsi Maria (2012). The environmental education in special-needs education.
- 2. Koulogiannis Sotiris (2012). The environmental education in pre-school age.
- 3. Garani Stella (2012). The contribution of lifelong learning to mitigating social exclusion.

6. PROJECTS

6.1. Research projects

Period	Research Project	Role and activities
2019-	HORIZON 2020 ATLAS: Agricultural interoperability and analysis system	Soil moisture monitoring with state-of-the-art techniques in the Agia hydrological observatory. Quantitative analysis of groundwater flow and storage.
2019-	PRIMA/FFET MEDSAL: Salinization of critical groundwater reserves in coastal Mediterranean areas: Identification, risk assessment and sustainable management with the use of integrated modelling and smart ICT tools	Development of methodological approach for mathematical modelling. Application of physical based models for the simulation of variable density fluid flow and hydrogeochemical processes in coastal aquifers. Liaison of physical based modelling with geostatistical and machine learning techniques.
2019-	INTERREG Re-Source: Providing services for management of natural resources	Irrigation water management under the application of precision irrigation adapted to Greek and Albanian fields.
2018-	ARIMNET FERTICHAR: Recovery of olive oil by- products through bio/hydro chars production for agricultural soil fertilization and environment preservation	Principal Investigator Modelling of water flow and geochemical processes in agricultural soil environment. Assessment of agricultural and environmental valorization of chars.
2017-	Min. of Environment: National Monitoring Network of water quantity (rivers) and quality (lakes) in Greece (Directive 2000/60/EC)	Research team member. Revision of the national river monitoring network. Field work and analysis of river discharge measurements.
2017-	LIFE AgroClimaWater: Promoting water efficiency and supporting the shift towards a climate resilient agriculture in Mediterranean countries	Environmental impact assessment at agricultural field and river basin scale by agronomic practices in olive groves.
2015-2017	EEA & Norway grants: Improving the knowledge in determining the minimum water level and flow of water bodies	Principal Investigator – Coordinator Analysis of hydro-morphological features in lakes Zazari, Cheimaditida, Petron and Vegoritida. Proposals for the determination of their environmentally minimum water level.

Period	Research Project	Role and activities
2015-2017	Min. of Environment: National Monitoring Network of Lakes in Greece (Directive 2000/60/EC)	Water balance analysis in natural lakes. Assessment of lake's retention time and their interaction to groundwater. Field work and analysis of lake's hydromorphological features.
2012-2015	UK-EPSRC C14-BIG: The post disposal behavior of Carbon 14 in irradiated graphite	Modelling of biogeochemical processes and C-14 transport through geosphere and biosphere to assess the environmental impact of radioactive waste geological disposal.
2012-2015	Min. of Environment: Monitoring of ecological water quality of lakes in 6 districts of Greece under Article 8 of Directive 2000/60/EC	Water balance analysis in natural lakes. Assessment of lake's retention time and their interaction to groundwater. Field work and analysis of lake's hydro- morphological features.
2012-2015	Min. of Environment: Monitoring of ecological water quality of lakes in Western Macedonia - Greece under Article 8 of Directive 2000/60/EC	Water balance analysis in natural lakes. Assessment of lake's retention time and their interaction to groundwater. Field work and analysis of lake's hydro- morphological features.
2012-2015	Min. of Environment: Monitoring of ecological water quality of lakes in Central Macedonia - Greece under Article 8 of Directive 2000/60/EC	Water balance analysis in natural lakes. Assessment of lake's retention time and their interaction to groundwater. Field work and analysis of lake's hydro- morphological features.
2012-2015	Min. of Environment: Monitoring of ecological water quality of lakes in Central Greece under Article 8 of Directive 2000/60/EC	Water balance analysis in natural lakes. Assessment of lake's retention time and their interaction to groundwater. Field work and analysis of lake's hydro- morphological features.
2010-2014	LIFE Sage 10: Establishment of Impact Assessment Procedure as a tool for the sustainability of agro-ecosystem: the case of Mediterranean olives	Team member for the development of methodology to assess the environmental impact from the agricultural practices on the agro-ecosystems of the Mediterranean olive groves.
2010-2012	Development of decision making support system in water resources management of Asopos River basin	Groundwater modelling under historical and projected climatic conditions. Proposals of climate change adaptation measures for wetlands.

Period	Research Project	Role and activities
2010-2014	LIFE AdaptFor: Adaptation of forest management to climate change in Greece	Member of the team for the description of climate and climate change in correlation with dendrochronology.
2009-2012	EEA & Norway grants: Protection and rehabilitation of water and forest resources of the Prefecture of Rodopi	Modelling of seawater intrusion to coastal aquifers. Establishment of groundwater and surface water monitoring network.
2008-2009	Feasibility study for the restoration of former Lake Xyniada	Surface- and groundwater modelling to examine proposed plans for the restoration of Lake Xyniada.
2006-2008	DAC: Hellenic-Bulgarian cooperation for the protection and management of Natural Resources - Application to the Strymonas watershed	Principal Investigator – Coordinator Rainfall-runoff, hydrodynamic and water quality modelling in Strymonas River and Lake Kerkini. Training in computational tools for water resources management.
2006	Feasibility study for the restoration of Lake Kallipefki	Assessment of lake's hydroperiod and evaluation of irrigation effect on lake's water level.
2005-2006	DAC: Evaluation of wetland functions and values of Lake Doirani	Surface- and groundwater modelling in the lake's catchment.
2004-2008	FP6 EURO-LIMPACS: Integrated Project to Evaluate the Impacts of Global Change on European Freshwater Ecosystems	Rainfall-runoff and hydraulic modelling in Ottery River catchment (UK) under current and future climate conditions.
2003-2004	Ministry of Agriculture: Research for the impleme- ntation of an integrated management system of rural animal populations in order to produce certified quality products in Epirus	Software development for the utilization of a database with elements of production of sheep products.
2003-2008	DIAY: Development of hydroinformatic systems and tools for water resources management in water districts of Northern Greece based on the Water Framework Directive 2000/60/EC	Methodology of hydrological modelling, analysis of environmental data. Large-scale and detailed hydrological models in the water districts of East Macedonia and Thrace (North Greece). Management and economic modelling of water resources under current condition and scenarios. Training in computational tools for water resources management.

Period	Research Project	Role and activities
2003-2007	LIFE STRYMON: Ecosystem based water resources management to minimize environmental impacts from agriculture.	Rainfall-runoff modelling in the mountain territory of River Strymonas catchment and hydrodynamic modelling in Lake Kerkini.

6.2. Development projects and studies

Period	Development project/study	Role and activities
2020-	Assessment of environmental conditions to support the management actions of the Parnonas Management Agency: Interventions to improve the conservation status of the 92A0 habitat type.	Coordination of the project team of the Soil & Water Resources Institute. Support to topics of hydrology and environmentally minimum river water flow and lake water level.
2019-2020	Ad hoc expert support services on surface and ground water related issues directly or indirectly linked to the TAP construction within the Hellenic territory	Member of the project team. Specialist in hydrology and irrigation.
2018-2020	Specialised technical and scientific support of the Municipality of Alexandroupolis.	Member of the project team. Investigation for the sustainable use of the Aristinos geothermal field.
2016-2017	Provision of services for the preparation of a Strategy and Action Plan for the Integrated Coastal Zone Management of Cyprus for the period 2018-2028.	Member of the project team. Implementation of a multi- criteria analysis for the definition and management of the coastal areas of Cyprus.
2000-2001	Irrigation network studies for Egnatia Odos S.A.	Design and dimensioning of hydraulic and irrigation networks in areas of the road network of Egnatia Odos.
1998-2001	Restructuring & strengthening of the Postgraduate Programme of the Department of Agriculture of the Aristotle University of Thessaloniki.	Member of the project team. Development-management of websites and databases, support of computer networks.
1998	Development study in the primary sector of Prefecture of Kilkis	Assessment of water and soil resources, proposals for the development of primary sector.

7. OTHER ACTIVITIES

7.1. Participation in bodies-committees

- Member of a special working group for the restoration of Lake Koronia
- Deputy Representative of the Hellenic Agricultural Organisation "DEMETER" at the National Water Council
- Member of the Management Board of the Protected Areas Management Body of West Macedonia

7.2. Journal editor

• Topic Editor in Sustainability

7.3. Journal reviewer

- Journal of Environmental Management outstanding contribution in reviewing, 2015
- Water Resources Management
- Environmental Engineering and Management Journal
- International Journal of Disaster Risk Science
- Water member of reviewer board
- Sustainability
- Agriculture
- PLOS ONE
- International Journal of Environmental Research and Public Health
- HYDROTECHNICA
- Environmental Technology & Innovation

7.4. Member of scientific committee

- 9th National Conference of the Hellenic Society of Agricultural Engineers, 2015
- 10th National Conference of the Hellenic Society of Agricultural Engineers, 2017

7.5. Invited speaker

 6th Agrotechnology Conference «Climate Change: challenges and adaptations». Lecture entitled "Water distribution under deficient irrigation to mitigate climate change". 15-12-2017, American Farm School, Thessaloniki. Organized by: Hellenic-American Chamber of Commerce.

7.6. Member of professional and scientific associations

- Geotechnical Chamber of Greece
- Hellenic Hydrotechnical Association
- Hellenic Society of Agricultural Engineers
- European Society of Agricultural Engineers
- European Geosciences Union

8. PUBLICATIONS

8.1. Theses

- 1. **Doulgeris** C., 2000. Simulation of water flow and mass transport in semi-infinite aquifers using semi-infinite finite elements. M.Sc. thesis, supervisor: Th. Zissis. School of Agriculture, Aristotle University of Thessaloniki, 118 p.
- 2. **Doulgeris** C., 2005. Seawater intrusion in coastal aquifers Mathematical simulation. Ph.D. thesis, supervisor: Th. Zissis. School of Agriculture, Aristotle University of Thessaloniki, 215 p.

8.2. Book chapters

 Doulgeris, C., Katsavouni, S. and Papadimos, D., 2013. An Economically Efficient, Environmentally Sustainable and Socially Equitable Decision Support System for Asopos River Basin: A Manual of Measures. In Koundouri P. and Papandreou N. (eds), Water Resources Management Sustaining Socio-Economic Welfare. Springer Publishing, pp. 139-164. http://dx.doi.org/10.1007/978-94-007-7636-4_9

8.3. Refereed journal articles

- 1. **Doulgeris**, C. and Zissis, T., 2004. Simulation of variable density flow and solute transport in porous media the Elder problem. Hydrotechnika, 14, 3-15 (in Greek). http://ejournals.lib.auth.gr/hydrotechnica/article/view/127
- Doulgeris, Ch., Georgiou, P., Papadimos, D. and Papamichail, D., 2012. Ecosystem Approach to Water Resources Management using the MIKE 11 modeling system in the Strymonas River and Lake Kerkini. Journal of Environmental Management, 94 (1), 132-143. http://dx.doi.org/10.1016/j.jenvman.2011.06.023
- 3. Riegels, N., Pulido-Velazquez, M., **Doulgeris**, C., Sturm, V., Jensen, R., Møller, F. and Bauer-Gottwein, P., 2013. Systems Analysis Approach to the Design of Efficient Water Pricing Policies under the EU Water Framework Directive. Journal of Water Resources Planning and Management, 139, 574-582. http://dx.doi.org/10.1061/(ASCE)WR.1943-5452.0000284
- 4. **Doulgeris**, C. and Zissis, T., 2014. 3D variable density flow simulation to evaluate pumping schemes in coastal aquifers. Water Resources Management, 28, 4943-4956. http://dx.doi.org/10.1007/s11269-014-0766-0
- Rout, S., Charles, C., **Doulgeris**, C., McCarthy, A., Rooks, D, Loughnane, P., Laws, A. and Humphreys, P., 2015. Anoxic Biodegradation of Isosaccharinic Acids at Alkaline pH by Natural Microbial Communities. PLoS One, 1-17. http://dx.doi.org/10.1371/ journal.pone.0137682
- 6. **Doulgeris**, C., Humphreys, P. and Rout, S., 2015. An approach to modelling the impact of ¹⁴C release from reactor graphite in a geological disposal facility. Mineralogical Magazine, 79(6), 1495–1503. http://dx.doi.org/10.1180/minmag.2015. 079.6.24
- 7. **Doulgeris**, C., Georgiou, P., Papadimos, D. and Papamichail, D., 2015. Water Allocation under Deficit Irrigation using MIKE BASIN model for the Mitigation of Climate Change. Irrigation Science, 33, 469–482. http://dx.doi.org/10.1007/s00271-015-0482-4

- 8. **Doulgeris**, C., Papadimos, D. and Kapsomenakis, J., 2016. Impacts of climate change on the hydrology of two Natura 2000 sites in Northern Greece. Regional Environmental Change, 16, 1941-1950. http://dx.doi.org/10.1007/s10113-015-0857-3
- 9. **Doulgeris**, C., Georgiou, P., Apostolakis, A., Papadimos, D., Zervas, D., Petriki, O., Bobori, D., Papamichail, D., Antonopoulos, V., Farcas, C. and Stålnacke, P., 2017. Assessment of the environmentally minimum lake level based on morphological features. European Water 58: 197-202.
- Pisinaras, V., Panagopoulos, A., Herrman, A., Bogena, H.R., **Doulgeris**, C., Ilias, A., Tziritis, A., Wendland, F. (2018) Hydrologic and geochemical research at Pinios Hydrologic Observatory: Initial results. Vadose Zone Journal 17:180102, https://doi.org/10.2136/vzj2018.05.0102
- 11. **Doulgeris**, C. and Argyroudi, A., 2019. Contribution to decision-making on establishing the maximum water level for Lake Vegoritida. Lakes and Reservoirs, 24, 24-36, https://doi.org/10.1111/lre.12249
- Aschonitis, V.G., Lekakis, E., Tziachris, P., **Doulgeris**, Ch., Papadopoulos, F., Papadopoulos, A. and Papamichail, D., 2019. A ranking system for comparing models' performance combining multiple statistical criteria and scenarios: The case of reference evapotranspiration models. Environmental Modelling & Software, 114, 98-111, https://doi.org/10.1016/j.envsoft.2019.01.005
- 13. **Doulgeris**, Ch. and Humphreys, P., 2019. A modelling approach to assess the environmental/radiological impact of C-14 release from radioactive waste repositories. Journal of Environmental Radioactivity, 205–206, 61–71, https://doi.org/10.1016/j.jenvrad.2019.05.009
- 14. Pantelakis, D., Hatzigiannakis, E., **Doulgeris**, Ch.; Ilias, A., 2020. Calculation of the Energy and the Momentum coefficients based on Measurements in Greek rivers. Modeling Earth Systems and Environment, 6, 1163–1175, https://doi.org/10.1007/s40808-020-00748-3
- 15. Azzaz, A.A., Jeguirim, M., Kinigopoulou, V., **Doulgeris**, Ch., Goddard, M.L., Jellali, S. and Ghimbeu, C.M., 2020. Olive Mill Wastewater: From a Pollutant to Green Fuels, Agricultural and Water Source and Bio-Fertilizer Hydrothermal Carbonization. Science of the Total Environment, 733, 139314, https://doi.org/10.1016/j.scitotenv.2020.139314
- 16. **Doulgeris**, Ch., Pisinaras, V., Argyroudi, A., Tziritis, E., Hatzigiannakis, E. and Panagopoulos, A., 2020. Impacts on water level fluctuation in Lake Vegoritida: insights for the historical and projected climate period. Desalination and Water Treatment, 194, 358-368, https://doi.org/10.5004/dwt.2020.25756
- Marks, E.A.; Kinigopoulou, V.; Akrout, H.; Azzaz, A.A.; **Doulgeris**, Ch.; Jellali, S.; Rad, C.; Sánchez Zulueta, P.; Tziritis, E.; El-Bassi, L.; Matei Ghimbeu, C. and Jeguirim, M., 2020. Potential for Production of Biochar-Based Fertilizers from Olive Mill Waste in Mediterranean Basin Countries: An Initial Assessment for Spain, Tunisia, and Greece. Sustainability, 12, 6081, https://doi.org/10.3390/su12156081
- 18. Petriki, O., Zervas, D., **Doulgeris**, Ch., Bobori, D., 2020. Assessing the ecological water level: The case of four Mediterranean lakes. Water, 12(11), 2977, https://doi.org/10.3390/w12112977

19. **Doulgeris**, Ch., Koukouli, P., Georgiou, P., Dalampakis, P., Karpouzos, D., 2020. Assessment of minimum water level in lakes and reservoirs based on their morphological and hydrological features. Hydrology, 7(4), 83, https://doi.org/10.3390/hydrology7040083

8.4. Conference articles

- 1. Zissis, T. and **Doulgeris**, C., 2000. Flow simulation in semi-infinite phreatic aquifer using the finite element method. Proceedings of the 8th National Conference of the Hellenic Hydrotechnical Association, 369-376 (in Greek).
- 2. Zissis, T. and **Doulgeris**, C., 2003. A two-dimensional finite element model for the variable density groundwater flow in coastal aquifers. Proceedings of the 9th National Conference of the Hellenic Hydrotechnical Association, 329-336 (in Greek).
- 3. **Doulgeris**, C. and Zissis, T., 2005. Calculation of freshwater outflow boundary on seawater intrusion in coastal aquifers. Proceedings of the 4th National Conference of Agricultural Engineering, 792-800 (in Greek).
- Riegels, N., Sturm, V., Jensen, R., Benssason, L., **Doulgeris**, C., Møller, F. and Bauer-Gottwein, P., 2010. Estimating resource costs of meeting EU Water Framework Directive ecological status requirements at the river basin scale. Integrated Water Resources Management Karlsruhe 2010: International Conference, 293-299. http://www.itas.kit.edu/pub/v/2010/scle10a.pdf
- Doulgeris, C., Georgiou, P., Papadimos, D. and Papamichail, D., 2011. Evaluating three different model setups in the MIKE 11 NAM model. 9th International Hydrogeological Congress of Hellenic Committee of Hydrogeology Advances in the Research of Aquatic Environment (Vol. 1), Springer, 241-249. http://dx.doi.org/ 10.1007/978-3-642-19902-8 28
- 6. **Doulgeris**, C., Papadimos, D. and Kapsomenakis, J., 2014. Assessing the impact of climate change on the hydroperiod of two Natura 2000 sites in Northern Greece. International Conference ADAPTtoCLIMATE, 1-12. http://uest.ntua.gr/adapttoclimate/proceedings/full_paper/doulgeris_et_al.pdf
- 7. Papamichail, D., Antonopoulos, V. Georgiou, P., **Doulgeris**, C. and Papadimos, D., 2017. Determination of the minimum water level and its variation of lakes by applying the percentiles method. Proceedings of the 10th National Conference of Agricultural Engineering, 55-65 (in Greek)
- 8. **Doulgeris**, C. and Argyroudi, A., 2018. Supporting integrated water resources management on the establishment of the maximum water level in Lake Vegoritida. 14th International Conference on Protection and Restoration of the Environment, 54-63.
- 9. Hatzigiannakis, E., Tziritis, E., Ilias, A., Arampatzis, G., **Doulgeris**, C., Pisinaras, V., 2018. Assessment of irrigation water quality in Anthemountas Basin, Central Macedonia, Greece. 14th International Conference on Protection and Restoration of the Environment, 104-110.
- Doulgeris, Ch., Voulanas, D., Arampatzis, G. and Hatzigiannakis, E., 2018. Simulation of water flow in the unsaturated soil zone to assess irrigation in a maize field. 14th International Conference on Protection and Restoration of the Environment, 642-650.

- 11. Arampatzis, G., Pisinaras, V., **Doulgeris, C.**, Tziritis, E., Sismani, G. and Panagopoulos, A., 2019. Estimating erosion on two Mediterranean watersheds of different hydrological regimes. 38th IAHR World Congress.
- 12. Pantelakis, D., Hatzigiannakis, E., **Doulgeris**, Ch.; Ilias, A., 2019. Estimation of Coriolis and Boussinesq coefficients at River Axios. Proceedings of the 14th National Conference of the Hellenic Hydrotechnical Association, 474-483 (in Greek).
- 13. **Doulgeris**, Ch., Pisinaras, V., Tziritis, E., Hatzigiannakis, E. and Panagopoulos, A., 2019. Climate change impact assessment on the establishment of maximum water level in Lake Vegoritida, Greece. 2nd International Conference ADAPTtoCLIMATE, 1-10, http://conference.adapt2clima.eu.
- 14. **Doulgeris**, Ch. and Georgiou, P., 2019. Assessment of minimum water level in lakes and reservoirs based on their morphological and hydrological features. Proceeding of the 11th Panhellenic Conference of Agricultural Engineering, 405-414 (in Greek).

8.5. Conference abstracts

- Doulgeris, C. and Zissis, T., 2005. Simulation of seawater intrusion in three-dimensional confined aquifers. Geophysical Research Abstracts, Vol. 7, 02780 – European Geosciences Union 2nd General Assembly, 25-29 April, Vienna, Austria.
- 2. **Doulgeris**, C., 2008. Use of hydrological models for the protection and management of water resources in Strymonas river basin. Expert meeting proceedings in "Enhancement of integrated management of transboundary waters according to Directive 2000/60/EC" 16-17 September, Thessaloniki, Greece.
- 3. **Doulgeris**, C. and Papadimos, D., 2009. Coupling FEFLOW and MIKE 11 modeling systems in Ismarida Lake, Prefecture of Rodopi, Greece. 2nd International FEFLOW User Conference, 14-18 September, Potsdam/Berlin, Germany.
- 4. **Doulgeris**, C. and Papadimos, D., 2010. Integrated water resources assessment using MIKE SHE and FEFLOW modelling systems in Rodopi Prefecture, Greece. Conference Handbook (A054) International MIKE by DHI 2010 Conference, 6 8 September, Copenhagen, Denmark.
- Riegels, N., Sturm, V., Jensen, R., **Doulgeris**, C., Møller, F. and Bauer-Gottwein, P., 2011. Using hydro-economic modelling to investigate trade-offs between ecological and economic water management objectives. Geophysical Research Abstracts, Vol. 13, EGU2011-9039 – European Geosciences Union General Assembly 2011, 3-8 April, Vienna, Austria.
- 6. **Doulgeris**, C., Papadimos, D. and Kapsomenakis, J., 2012. Assessing the impact of climate change on the hydrological balance of two wetlands in Northern Greece. International Symposium on Water and Wetlands in the Mediterranean, 6-8 February, Agadir, Morocco.
- 7. Riegels, N., Pulido-Velazquez, M., **Doulgeris**, C., Sturm, V., Jensen, R., Møller, F. and Bauer-Gottwein, P., 2012. Comparison of two water pricing policies in hydro-economic modelling study. Geophysical Research Abstracts, Vol. 14, EGU2012-10541 European Geosciences Union General Assembly 2012, 22-27 April, Vienna, Austria.

- 8. Humphreys, P., **Doulgeris**, C. and Rout S., 2014. Modelling the impact of C-14 release from graphite in geological disposal. Geodisposal 2014 Abstract Booklet, A6-2 IGD-TP Geodisposal 2014 Conference, 23-25 June, Manchester, UK.
- 9. Rout, S., Charles, C., **Doulgeris**, C., McCarthy, A., Rooks, D, Loughnane, P., Laws, A. and Humphreys, P., 2014. Effect of pH on the microbial degradation of anaerobic alkaline cellulose degradation products relevant to geological disposal. Geodisposal 2014 Abstract Booklet, A6-2 IGD-TP Geodisposal 2014 Conference, 23-25 June, Manchester, UK.
- 10. Skoulikaris, C., Zafirakou, A., Anagnostopoulou, C., Tolika, K., **Doulgeris**, C., Papadimos, D., Triantafillidis, S., and Koutrakis, M., 2016. Assessment of minimum water level and flow in water bodies in Greece under the impact of climate change. 13th International Conference on Protection and Restoration of the Environment, 3-8 July, Mykonos Island, Greece.
- 11. Papadimos, D., Hadjicharalambous, E., **Doulgeris**, Ch., Dimaki, M., Zervas, D., Koutrakis, Em., Poulis, G., Sapounidis, A., Vareltzidou, S. and Pantazopoulos, Ch., 2016. Assessment of Minimum Ecological Flow in Rivers of the National Park Axios Loudias Aliakmonas. 8th Congress of the Hellenic Ecological Society, 20-23 October, Thessaloniki, Greece.
- 12. **Doulgeris**, Ch., Zissis, T., Pisinaras, V., Ilias, A., 2018. Flow Simulation in a Phreatic Aquifer using Infinite Elements in the Finite Element Analysis. EurAgEng 2018 conference, 8-12 July, Wageningen, the Netherlands.
- 13. Kouvas, D., Panagopoulos, A., Ilias, A., Pisinaras, V., **Doulgeris**, Ch., Tziritis, E., Hatzigiannakis, E., Mamanis, I., Arampatzis, G., 2018. River Aliakmon Station-Central Greece: A Reference Field Laboratory for River Stage, Discharge and Chemical Quality Monitoring, 7th World Sustainability Forum, September 2018, Beijing, e-abstracts
- 14. Pisinaras, V., Herrmann, F., Panagopoulos, A., Ilias, A., **Doulgeris**, Ch., Tziritis, E., Arampatzis, G., Wendland, F., 2018. River Pinios Hydrologic Observatory-Central Greece: A Valuable Research Infrastructure of High Added Value to Local Society, 7th World Sustainability Forum, September 2018, Beijing, e-abstracts
- 15. Marks, E., Akrout, H., Kinigopoulou, V., **Doulgeris**, Ch., Jellali, S., Rad, S., Zulueta, P.S., Tziritis, E., El-Bassi, L. and Jeguirim, M., 2019. Olive mill wastes in the Mediterranean: organic matter and nutrients of agricultural value. 2nd Euro-Mediterranean conference for environmental integration, 10-13 Octobre, Sousse, Tunisia.
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