

Publications

THESIS

MSc Thesis

[1] Ιωάννου Κ. (2004) «**Η οικονομική ανάλυση και αξιολόγηση της διάνοιξης δάσους με την χρήση αντικειμενοστραφούς προγραμματισμού**» *Μεταπτυχιακή Διατριβή*. Τμήμα Δασολογίας και Φυσικού Περιβάλλοντος, ΑΠΘ, Θεσσαλονίκη.

PhD Thesis

[2] Ιωάννου Κ. (2008) «**Ανάπτυξη συστήματος λήψης αποφάσεων για την προστασία δασών και φυσικού περιβάλλοντος από ανθρωπογενείς κινδύνους**». *Διδακτορική Διατριβή*. Τμήμα Δασολογίας και Φυσικού Περιβάλλοντος, ΑΠΘ, Θεσσαλονίκη.

Post-Doctoral Thesis

[3] Ιωάννου Κ. (2010) «**Εμπειρο Σύστημα Αναγνώρισης και Ταυτοποίησης Κωνοφόρων ειδών της Ελληνικής Χλωρίδας**». *Μεταδιδακτορική έρευνα* η οποία εκπονήθηκε στο Τμήμα Δασολογίας και Φυσικού Περιβάλλοντος, ΑΠΘ, Θεσσαλονίκη με χρηματοδότηση από το Ίδρυμα Κρατικών Υποτροφιών (Ι.Κ.Υ.)

Post-Doctoral Thesis

[4] Ιωάννου Κ. (2012) «**Ανάπτυξη πιλοτικού δικτύου μετρήσεων τιμών διάβρωσης στην περιοχή του περιαστικού δάσους Θεσσαλονίκης (Σείχ Σου)**» *Μεταδιδακτορική έρευνα* η οποία εκπονήθηκε στο Τμήμα Δασολογίας και Φυσικού Περιβάλλοντος, ΑΠΘ, Θεσσαλονίκη με χρηματοδότηση από το Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης.

Publications in Peer Reviewed Greek Journals

- Π1. [5] Ανδρεοπούλου, Ζ., Ιωάννου, Κ., Παπασταύρου, Α. **Ασύρματα δίκτυα στην δασοπονία με την αξιοποίηση των πρωτοκόλλων 802.11x**. Επιστημονική Επετηρίδα του Τμήματος Δασολογίας και φυσικού περιβάλλοντος ΑΠΘ προς τιμή του Καθηγητή κ. Δ. Κωτούλα. Σελίδες 205-216.
- Π2. [6] Μυρωνίδης, Δ., Εμμανουλούδης, Δ. Ιωάννου, Κ. **Αξιολόγηση πλημμυρικού κινδύνου στη νήσο Θάσο εφαρμόζοντας πολυκριτηριακή χωρική ανάλυση με την χρήση των γεωγραφικών συστημάτων πληροφοριών (GIS)** 2ος Τόμος της σειράς επιστημονικών τόμων της ΕΠΕΓΕ. σελίδες 103-116.
- Π3. [7] Ioannou, K. **Design and implementation of an environmental network for the requirements of the project ManagMed**. 3^{ος} Τόμος της σειράς επιστημονικών τόμων της ΕΠΕΓΕ. σελίδες 37-51.

Publications in Peer Reviewed International Journals

- Π4. [8] Ioannou, K., Birbilis, D., Lefakis, P. (2009) **‘A pilot prototype decision support system for recognition of Greek forest species’.** *Operational Research*, 9 (2), pp. 141-152. (Scopus Listed)
- Π5. [9] Koutroumanidis, T., Ioannou, K., Arabatzis, G. (2009). **‘Predicting fuelwood prices in Greece with the use of ARIMA models, artificial neural networks and a hybrid ARIMA-ANN model’** *Energy Policy*, 37 (9), pp. 3627-3634. (SCI Impact Factor 4.140)
- Π6. [10] Ioannou, K., Arabatzis, G., Lefakis, P. (2009) **‘Predicting the prices of forest energy resources with the use of Artificial Neural networks (ANNs). The case of conifer fuel wood in Greece.** *Journal of Environmental Protection and Ecology*, 10 (3), pp. 678-694. (SCI Impact Factor 0.774)
- Π7. [11] Ioannou, K., Lefakis, P., Arabatzis, G. (2010) **‘The use of object-oriented programming for the evaluation of forest developmental projects the case of forest roads’.** *Journal of Environmental Protection and Ecology*, 11 (1), pp. 349-362. (SCI Impact Factor 0.774)
- Π8. [12] Ioannou, K. (2010) **‘A web-based expert system for identification of European Pinussp’.** *Journal of Food, Agriculture and Environment*, 8 (3-4 PART 2), pp. 955-958 (SCI Impact Factor 0.52)
- Π9. [13] Ioannou, K.S., Lefakis, P.D. (2010) **‘Data logger. An application for recording GPS data and exporting them to GIS applications’** *Journal of Environmental Protection and Ecology*, 11 (2), pp. 718-732. (SCI Impact Factor 0.774)
- Π10. [14] Myronidis, D., Ioannou, K., Sapountzis, M., Fotakis, D. (2010) **‘Development of a sustainable plan to combat erosion for an island of the Mediterranean region’** *Fresenius Environmental Bulletin*, 19 (8 B), pp. 1694-1702. (SCI Impact Factor 0.425)
- Π11. [15] Ioannou, K., Myronidis, D., Lefakis, P., Stathis, D. (2010) **‘The use of artificial neural networks (ANNs) for the forecast of precipitation levels of lake Doirani (N. Greece)’** *Fresenius Environmental Bulletin*, 19 (9 A), pp. 1921-1927. (SCI Impact Factor 0.425)
- Π12. [16] Ioannou, K., Lefakis, P., Arabatzis, G. (2011) **‘Development of a decision support system for the study of an area after the occurrence of forest fire’.** *International Journal of Sustainable Society*, 3 (1), pp. 5-32. (Scopus Listed)
- Π13. [17] Ioannou, K., Birbilis, D., Lefakis, P. (2011) **‘A method for predicting the possibility of ring shakes appearance on standing chestnut trees (Castanea sativa MILL.)’.** *Journal of Environmental Protection and Ecology*, 12 (1), pp. 295-304. (SCI Impact Factor 0.774)
- Π14. [18] Koutroumanidis, T., Ioannou, K., Zafeiriou, E. (2011) **‘Forecasting bank stock market prices with a hybrid method: The case of Alpha bank [Vertybinu {ogonek} popieriu {ogonek} kainu {ogonek} prognoza vimas hibridiniu metodu: alpha bank pavyzdys’** *Journal of Business Economics and Management*, 12 (1), pp. 144-163. (SCI Impact Factor 0.968)

- Π15. [19] Fotakis, D.G., Sidiropoulos, E., Myronidis, D., Ioannou, K. (2012) '**Spatial genetic algorithm for multi-objective forest planning**'. *Forest Policy and Economics*, 21, pp. 12-19. (SCI Impact Factor 1.982)
- Π16. [20] Myronidis, D., Stathis, D., Ioannou, K., Fotakis, D. (2012) '**An Integration of Statistics Temporal Methods to Track the Effect of Drought in a Shallow Mediterranean Lake**'. *Water Resources Management*, 26 (15), pp. 4587-4605. (SCI Impact Factor 3.537)
- Π17. [21] Arabatzis, G., Petridis, K., Galatsidas, S., Ioannou, K. (2013) '**A demand scenario based fuelwood supply chain: A conceptual model**' *Renewable and Sustainable Energy Reviews*, 25, pp. 687-697. (SCI Impact Factor 8.050)
- Π18. [22] Tigas, G., Lefakis, P., Ioannou, K., Hasekioglou, A. (2013) '**Evaluation of artificial neural networks as a model for forecasting consumption of wood products**' *International Journal of Data Analysis Techniques and Strategies*, 5 (1), pp. 38-48. (Scopus Listed)
- Π19. [23] Ioannou, K. (2013) '**On the design of environmental protection networks**' *Agris On-line Papers in Economics and Informatics*, 5 (4), pp. 105-113. (Scopus Listed)
- Π20. [24] Ioannou, K., Emmanouloudis, D., Lefakis, P., Myronidis, D. (2014) '**Design and Implementation of an Environmental network for the requirements of a European funded research Project**'. *International Journal of Applied Systemic Studies Vol 5 No 4*. Scopus Listed
- Π21. [25] Arabatzis, G., Treneva, V., Malesios, C., Ioannou, K. (2014) '**Views and Attitudes of Burgas's residents (Bulgaria) for paper recycling**' *International Journal of Green Economics*, 8 (1), pp. 49-73. (Scopus Listed)
- Π22. [26] Papagera, A., Ioannou, K., Zaimes, G., Iakovoglou, V., Simeonidou, M. (2014) '**Simulation and Prediction of Water Allocation Using Artificial Neural Networks and a Spatially Distributed Hydrological Model**' *Agris On-line Papers in Economics and Informatics*, 4 (4), pp. 101- 111. (Scopus Listed)
- Π23. [27] Koutalakis, P., Zaimes, G., Iakovoglou, V., Ioannou, K. (2015) '**Reviewing Soil Erosion in Greece**'. *International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering Vol:9, No:8*, 2015.
- Π24. [28] Zaimes, G.N., Ioannou, K., Iakovoglou, V., Kosmadakis, I., Koutalakis, P., Ranis, G., Emmanouloudis, D., Schultz, R.C. (2016) '**Improving soil erosion prevention in Greece with new tools**' *Journal of Engineering Science and Technology Review*, 9 (2), pp. 66-71.
- Π25. [29] Koutalakis, P., Zaimes, G., Ioannou, K., Iakovoglou, V. (2017) '**Application of the SWAT model on torrents of the Menoikio, Greece**', *Fresenius Environmental Bulletin* Fresen. Environ. Bull 26, 1210-1215. (SCI Impact Factor 0.425)
- Π26. [30] Ioannou, K., Kosmatopoulos, L., Zaimes, G., Tsantopoulos, G. (2018) '**Geoinformatics as a tool for the application of energy policy**' *International Journal of Sustainable Agricultural Management and Informatics*, Vol. 4, No. 1.
- Π27. [31] Myronidis, D., Ioannou, K., Fotakis, D., Doflinger, G. (2018) '**Streamflow discharge and hydrological drought temporal statistics analysis in Cyprus**', *Water*

- Resources Management*, Vol 32, Issue 5, 1 March 2018, Pages 1759-1776;
<https://doi.org/10.1007/s11269-018-1902-z>. (SCI Impact Factor 3.537)
- Π28. [32] Ioannou, K., Tsantopoulos, G., Arabatzis, G., Andreopoulou, R., Zafeiriou, E. (2018) **‘A spatial decision support system framework for the evaluation of biomass energy production locations: Case study in Regional unit of Drama, Greece’**, *Sustainability* 2018, 10(2), 531; doi:10.3390/su10020531. (SCI Impact Factor 1.789)
- Π29. [33] Lefkeli, S., Manolas, E., Ioannou, K., Tsantopoulos, G. (2018) **Socio-Cultural Impact of Energy Saving: Studying the Behaviour of Elementary School Students in Greece**. *Sustainability*, 10(3), 737; <https://doi.org/10.3390/su10030737>. (SCI Impact Factor 1.789)
- Π30. [34] Kyriakopoulos, G., Garyfallos A., Tsialis, P., Ioannou, K. **Electricity consumption and RES plants in Greece: Typologies of regional units**, (2018) *Renewable Energy*, Volume 127, Pages 134-144, ISSN 0960-1481, <https://doi.org/10.1016/j.renene.2018.04.062>. (SCI Impact Factor 8.050)
- Π31. [35] Myronidis, D., Fotakis, D., Ioannou, K., Sgouropoulou, K., (2018), **Comparison of ten notable meteorological drought indices on tracking the effect of drought on streamflow**. *Hydrological Sciences Journal*, ISSN: 0262-6667. <https://doi.org/10.1080/02626667.2018.1554285>. (SCI Impact Factor 2.061)
- Π32. [36] Myronidis, D and Ioannou, K., (2019) **Forecasting the Urban Expansion Effects on the Design Storm Hydrograph and Sediment Yield using Artificial Neural Networks**. *Water* 2019, 11, 31; doi:10.3390/w11010031. (SCI Impact Factor 2.069)
- Π33. [37] Ioannou, K., Tsantopoulos, G., Arabatzis, G., (2019) **A Decision Support System methodology for selecting wind farm installation locations using AHP and TOPSIS: Case study in Eastern Macedonia and Thrace region, Greece**. *Energy Policy*, Vol 132, pp 232-246 <https://doi.org/10.1016/j.enpol.2019.05.020>. (SCI Impact Factor 4.039)
- Π34. [38] Ioannou, K. **Education, Communication and Decision-Making on Renewable and Sustainable Energy**. *Sustainability* 11(19), 5262; <https://doi.org/10.3390/su11195262>.

Oral Presentations in Conferences Greek and International

- Σ1. [39] Λεφάκης, Π. και Ιωάννου Κ. **Μοντελοποίηση και προβολή χωρικών δεδομένων με την βοήθεια αντικειμενοστραφούς προγραμματισμού**. *Πρακτικά 11ου Πανελληνίου Δασολογικού Συνεδρίου*, Αρχαία Ολυμπία 2003 σελίδες 499-504.
- Σ2. [40] Ανδρεοπούλου, Ζ.Σ., Βασιλειάδου, Σ., Ιωάννου, Κ., Παπασταύρου, Κ. **Ανάπτυξη και Αξιοποίηση Διαδικτυακού Περιβάλλοντος Πολλαπλών Σκοπών**. *Πρακτικά 1ου Πανελληνίου Περιβαλλοντικού Συνεδρίου Ορεστιάδα 2004* σελίδες 814-821.
- Σ3. [41] Παπασταύρου, Κ., Ανδρεοπούλου, Ζ.Σ., Ιωάννου, Κ., Βασιλειάδου, Σ. **Τα πανεπιστημιακά δάση στο διαδίκτυο: Καταγραφή, Παρουσίαση και ανάδειξη της Προσφοράς τους**. *Πρακτικά 4ου Πανελληνίου Λιβαδοπονικού Συνεδρίου, Βόλος, 2004*, σελίδες 571-576.

- Σ4. [42] Papastavrou, A., Lefakis, P., Andreopoulou, Z., Vassiliadou, S., Ioannou, K., Lazaridou., A. **Web Application for Regional Presentation and Development** 5th Conference of the European Federation for Information Technology in Agriculture, Food and Environment and 3rd World Congress on Computers in Agriculture and Natural Resources 2005, pp 551-558
- Σ5. [43] Ιωάννου Κ. και Λεφάκης Π. **Πληροφοριακό σύστημα εισαγωγής και επεξεργασίας χωρικών και δασοπονικών δεδομένων.** Πρακτικά 12ου Πανελληνίου Δασολογικού Συνεδρίου 2006 σελίδες 409-414 τόμος 1ος.
- Σ6. [44] Ανδρεοπούλου Ζ, Ιωάννου. Κ., Καραγιαννίδης, Ι. **Διαδικτυακή παρουσίαση μέσω δυναμικής ιστοσελίδας της Δασικής Υπηρεσίας Δράμας.** Πρακτικά 12ου Πανελληνίου Δασολογικού Συνεδρίου 2006, σελίδες 383-389 τόμος 1ος.
- Σ7. [45] Ιωάννου Κ. και Λεφάκης Π. **An application for monitoring and modeling spatial data using object oriented programming.** Πρακτικά 18ου Εθνικού Συνεδρίου Ελληνικής Εταιρίας Επιχειρησιακών Μελετών 2006 σελίδες 251-259 τόμος 2ος .
- Σ8. [46] Papastavrou, A., Andreopoulou, Z., Vassiliadou, S., Ioannou, K., Papastavrou, K. **Using the Internet as a means for promoting mountainous areas.** International Conference in Telecommunications & Multimedia TEMU2006. Heraklion Greece, 5-7 July.
- Σ9. [47] Μυρωνίδης Δ., Εμμανουλούδης Δ., Φωτάκης Δ., Ιωάννου, Κ., Ρίγγος, Β., Σιώτης, Γ. **Ποσοτική εκτίμηση της υποβάθμισης σε ορεινές λεκάνες απορροής και μέτρα ελαχιστοποίησης των επιπτώσεων της.** Πρακτικά 13ου Πανελληνίου Δασολογικού Συνεδρίου 2007 σελίδες 17-27 τόμος 2ος.
- Σ10. [48] Ioannou, K., Lefakis, P., Iliadis, L. **The role of Decision Support Systems in Modern Forestry.** 4th International Conference on Information and Communication Technologies in Bio and Earth Sciences (HAICTA 2008)
- Σ11. [49] Ioannou, K., Arabatzis, G., Koutroumanidis, T., Apostolidis, G. **Forecasting of cut Christmas trees with Artificial Neural Networks (ANN).** 5th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2011) pp 507-518
- Σ12. [50] Ioannou, K., Zaimis, G., Emmanouloudis, D., Karamanis, E.. **Forecasting hydroelectric dam energy production using a hybrid ANN-ARIMA model.** 10th International Conference on Hydrosience & Engineering, Orlando Florida, 2012, pp 270-271
- Σ13. [51] Ioannou, K., Lefakis, P., Zaimis, G., Emmanouloudis, D. **Development of a Wireless Erosion Measuring Network,** Procedia Technology, Volume 8, 2013, pp 520-525 (Scopus Listed)
- Σ14. [52] Παπασπυρόπουλος Κ.Γ., Καραχρήστος Χ.Ν., Ιωάννου Κ., Παππάς Ι.Α., Γούναρης Ν., Μανδάνη Β., Θεοχάρης Ν., Λεφάκης Π., Χριστοδούλου Α.Σ. **Λειτουργία των εθελοντικών αγορών πώλησης αντισταθμισμάτων άνθρακα μέσω έργων φυσικής και τεχνητής δασοπονίας.** 16ο Πανελλήνιο Δασολογικό Συνέδριο & Annual Meeting Prosilva Europe 2013. Σελ 939-946
- Σ15. [53] Ioannou, K., Kaziolas D., **Geoinformatics Model and optimal reservoir allocation.** Streams-2-Suppress-Fires-Utilizing Stream Water in the Suppression of Forest Fires with the Help of New Technologies Workshop, 2013, pp 22-23

- Σ16. [54] Dimitriadis, I., Ioannou, K., **Development of a multi-criteria tool to evaluate the water consumption in irrigated agriculture in Greece.** *10th Meeting Multicriteria Decision Analysis - 13th Special conference Greek Operational Research Society*, 2013. pp 32
- Σ17. [55] Papadopoulou, Z., Kaite, A., Ioannou, K., Arabatzis, G., Karasavoglou, A. **The usage of Multicriteria Decision Analysis for the evaluation of green investments.** *10th Meeting Multicriteria Decision Analysis - 13th Special conference Greek Operational Research Society*, 2013. pp 31
- Σ18. [56] Spanou G., Ioannou K., Iakovoglou, V., G. Zaimes. **Forecasting precipitation and temperatures at the island of Cyprus to enhance wetland management.** *Second International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2014)*, edited by Diofantos G. Hadjimitsis, Kyriacos Themistocleous, Silas Michaelides, Giorgos Papadavid, *Proc. of SPIE Vol. 9229, 92291N* · © 2014 SPIE · CCC code: 0277-786X/14/\$18 · doi: 10.1117/12.2066296 (Scopus Listed)
- Σ19. [57] Zaimes, G., Ioannou, K., Hatzia Apostolou A., Iakovoglou, V. **The use of HEC-RAS for the estimation of the torrent water resources of the Greek semi-arid island of Salamina.** *12th International Conference on Protection and Restoration of the Environment*, 2014, Under publication.
- Σ20. [58] Koutalakis, P., Zaimes, G., Ioannou, K., Iakovoglou, V. **Watershed management with the application of the SWAT model. Case study: The “Natura 2000” area of Menoikio, North Greece.** *12th International Conference on Protection and Restoration of the Environment, Skiathos*, 2014, Under Publication.
- Σ21. [59] Koutalakis, P., Zaimes N. G., Ioannou, K., Iakovoglou, V. **Using SWAT to study the hydrologic response to climate change scenarios in a Greek mountainous watershed.** *10th International Hydrogeological Congress, Thessaloniki, Greece. 2014.*
- Σ22. [60] Koutalakis, P., Vlachopoulou, A., Zaimes, G.N., Ioannou, K., Iakovoglou, V. **Assessing soil erosion risk using USLE with GIS and SWAT for Thassos Island, Greece.** *10th International Congress of the Hellenic Geographical Society, Thessaloniki*, 2014. Under Publication.
- Σ23. [61] Zaimes, G.N., Ioannou, K., Iakovoglou, V. **Enhancing soil erosion mitigation on Mediterranean islands.** *International Forest Fire Conference in Black Sea Region, Kastamonu, Turkey*, 2014.
- Σ24. [62] Koutalakis, P., Zaimes, G.N., Ioannou, K., Iakovoglou, V., Emmanouloudis, D. **Assessing hydrological effects of wildfires in Greek mountainous watersheds.** *International Forest Fire Conference in Black Sea Region, Kastamonu, Turkey*, 2014.
- Σ25. [63] Papagera, A., Ioannou, K., Zaimes, G., Iakovoglou, V. **Simulation of Water Allocation using MIKE SHE, a spatially distributed hydrological model.** *Frontiers in Environmental and Water Management, Kavala, Greece, 19-21 March 2015. ISBN 978-960-363-062.*
- Σ26. [64] Emmanouloudis, D., Zaimes, G., Ioannou, K. **Improving Wildfire Management of Thasos Island: Combining Information Technology with Research**

- Field Data.** Frontiers in Environmental and Water Management, Kavala, Greece, 19-21 March 2015. ISBN 978-960-363-062.
- Σ27. [65] Papadopoulou, Z., Arabatzis, G., Ioannou, K. **A review of optimization algorithms for energy production by RES.** 4th International Symposium, 26th National Conference on Operational Research. 4-6 June 2015, Chania-Crete, Greece. *Under Publication.*
- Σ28. [66] Kosmadakis, I., Tsardaklis, P., Ioannou, K., Zaimis, G. **A Novel Fully Automated Soil Erosion Monitoring System.** 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015) September 17-20, 2015, Kavala, Greece. *Under Publication.*
- Σ29. [67] Koutalakis, P., Zaimis, G., Emmanouloudis, D., Ioannou, K. **Using ArcSWAT to predict discharge in ungauged torrents of Thasos Island.** 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015) September 17-20, 2015, Kavala, Greece. *Under Publication.*
- Σ30. [68] Gialamas, E., Zaimis, G., Iakovoglou, V., Ioannou, K., **Estimating surface runoff from an ephemeral torrents in a small rural watershed in Northern Greece for agricultural uses.** Frontiers in Environmental and Water Management, Kavala, Greece, 19-21 March 2015, ISBN 978-960-363-062.
- Σ31. [69] Zaimis, G., Ioannou, K., Iakovoglou, V., Laopoulos, T., Tsardaklis, P., Schultz, R., Kosmadakis, I., Emmanouloudis, D., Kaziolas, D. **New innovative tools to enhance the protection of Greek islands from soil erosion.** Frontiers in Environmental and Water Management, Kavala, Greece, 19-21 March 2015, ISBN 978-960-363-062.
- Σ32. [70] Zaimis, G., Iakovoglou, V., Ioannou, K., Laopoulos, P., Tsardaklis, P. **Innovative surface erosion sensor to increase erosion measurement accuracy and enhance the understanding of erosion processes.** The 10th Asia Pacific Conference on Sustainable Energy & Environmental Technologies (APCSEET 2015), University of Seoul, Korea.
- Σ33. [71] Ioannou, K., Emannouloudis, D., Xentitidis, K. **Low Cost Computer Platforms for Environmental Monitoring The case of the AgroComp Project.** 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2017), 21-24 September, 2017, Chania, Greece.
- Σ34. [72] Ioannou, K., Emannouloudis, D., Xentitidis, K. **A comparative analysis among three commercial temperature sensors.** 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2017), 21-24 September, 2017, Chania, Greece.
- Σ35. [73] Ioannou, K., Kosmatopoulos, L., Zaimis, G., Tsantopoulos, G. **Spatial allocations of a small Hydropower Plant within an ungauged watershed using G.I.S., hydrologic model SWAT and CFSR climate forecast model.** International Workshop Information Technology, Sustainable Development, Scientific Network and Nature Protection, Edessa, Greece, 8-11 October 2017.
- Σ36. [74] Ioannou, K., Tsantopoulos, G., Arabatzis, G. **Selection of optimal on shore wind farm sitting locations in Greece, using Multicriteria Decision Analysis.** 5th

Conference Economics of Natural Resources & the Environment, Volos, 1-3 November 2018.

- Σ37. [75] Ιωάννου, Κ., Καρμίρης, Η., Παπαχρήστου, Θ., Πλατης, Π. **Χρήση της Πληροφορικής και της Πολυκριτήριας Ανάλυσης Αποφάσεων για την Αξιολόγηση των Βοσκήσιμων Γαιών**. Πρακτικά 19ου Πανελληνίου Δασολογικού Συνεδρίου 201, σελίδες 383-389 τόμος 1ος.

Invited Speaker

1. [76] Ioannou Konstantinos, **Web Portal – Video Conference Technological Issues Integrated Development and Management of NATURA 2000 Protected Areas through Innovative Techniques in East. Mediterranean. Third Meeting**, Larnaca Cyprus 2007..
2. [77] IoannouKonstantinos, **Video Conference Implementation.Integrated Development and Management of NATURA 2000 Protected Areas through Innovative Techniques in East. Mediterranean. Fourth Meeting**, Drama, Greece 2007.
3. [78] Ioannou Konstantinos, **Work Package 3: An overview of the technical solutions Integrated Development and Management of NATURA 2000 Protected Areas through Innovative Techniques in East. Mediterranean**. Drama, Greece 2008.
4. [79] Konstantinos Ioannou, DimitriosKaziolas and George Zaimes. **A methodology for optimal network routing. The case of Menoikio Mountain**. Frontiers in Environmental and Water Management, Kavala, Greece, 19-21 March 2015.
5. [80] Ioannis Dimitriadis, Konstantinos Ioannou and George Zaimes. **Urging the Sustainable Usage of Irrigation Water through the Evaluation of Farms' Infrastructures and Good Practices**. Frontiers in Environmental and Water Management, Kavala, Greece, 19-21 March 2015.
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