

Kastridis Aristidis, Assistant Professor

**Forester – Environmentalist, PhD in the Department of Forestry and
Natural Environment, Aristotle University of Thessaloniki**

Department of Forest and Water Engineering

Laboratory of Mountainous Water Management and Control

CURRICULUM VITAE

July, 2026

1. BIOGRAPHY

General information

Place of birth: Thessaloniki

Ημερομηνία γεννήσεως: 12/05/1984

Status: Married, father of a minor child

Military Obligations: Fulfilled

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ORCID ID: <https://orcid.org/0000-0002-2242-2058>

2. EDUCATION - TRAINING

Undergraduate studies 09/2002 – 04/2008

Department of Forestry and Natural Environment, Aristotle University of Thessaloniki.

Dissertation: «*The fire of Kassandra, Halkidiki (21-8-2006) – The study of the torrential environment and the effectiveness of the executed anti-erosion and anti-flood works in the torrential streams of Haniotis and Nea Skioni*»

Grade: "Very good" 6.90

Postgraduate studies 09/2008 – 02/2010

Postgraduate Program at the Faculty of Forestry and Natural Environment (A.U.Th.), Department of Forest and Water Engineering, Laboratory of Mountainous Water Management and control, Thesis topic: «**Natural and Anthropogenic Flood Generation of the Apollonia Torrent – Flood Protection Arrangement**»

Grade: "Excellent" 9,5

(<https://ikee.lib.auth.gr/record/125999?ln=el>)

Doctoral studies 01/2012 – 06/2019

PhD program at the Faculty of Forestry and Natural Environment (A.U.Th.), Department of Forest and Water Engineering, Laboratory of Mountainous Water Management and Control.

Thesis topic: «**The Flood Generation of the River Basins of the Cholomontas Mountain Massif, Halkidiki**»

Grade: "Excellent" 10" (Date of doctoral award: 17/07/2019)

(<https://www.didaktorika.gr/eadd/handle/10442/45938>)

Postdoctoral studies

1. Postdoctoral research at the Department of Forestry and Natural Environment (A.U.Th.). Department of Forest and Water Engineering, Laboratory of Mountainous Water Management and Control. Research topic: «*The effect of destructive factors (insects, fires, logging) on the soil erosion and surface runoff*»

of the Sheikh Sou peri-urban forest, with the aim of anti-flood – anti-erosion arrangement of the watersheds».

Duration: **30 months** (13/03/2020 – 20/09/2022)

2. Postdoctoral research at the Department of Forestry and Natural Environment (A.U.Th.). Department of Forest and Water Engineering, Laboratory of Mountainous Water Management and Control. Research topic: «**Investigation of the effect of Climate Change on the growth rate of Oak and Fir trees in University Forests - Correlation of climatic factors and width of growth rings**».

Duration: **8 months** (08/03/2021 - 07/10/2021)

3. Postdoctoral research at the Department of Forestry and Natural Environment (A.U.Th.). Department of Forest and Water Engineering, Laboratory of Mountainous Water Management and Control. Research topic: «**Correlation of surface runoff and erosion with land uses and rainfall intensity**».

Duration: 12 months (01/04/2024 – 31/03/2025)

Training

1. She trained **6 months** at the Technical University in Zvolen (Slovak Republik), at the School of Forestry (Department of Forest Harvesting, Logistics and Ameliorations), on scientific methods applied in **Forest Hydrology and Hydraulics** in mountain river basins, **design of Forestry and Phytotechnical Projects, flood protection in conditions of climate change**, following my selection through a competitive process of the Slovak Government Mobility Scholarship (Slovak Government). 03/2013–09/2013).

2. Attendance of the 8th Panhellenic Workshop **on Hydrology and Water Resources** of the HYDROMEDON Network on "**Climate Change and Hydraulic Projects: New Approaches to the Design and Operation of Infrastructures and Networks**". University Network for Education, Research and Technology in Hydrology and Environmental Management of Water Resources» ΥΔΡΟΜΕΔΩΝ, ΑΠΘ (11/11/2020).

3. 2 months (400 hours) training in quality control in the food industry - (ISO/HACCP/AGRO etc.). KEK of the American Farm School and **2 months internship** (140 hours) at the company *Ergoplanning* Ltd. (Thessaloniki), with the tasks **of drafting environmental management studies / Forestry projects** and structural programs in the forest sector (Duration: 06/2007 – 09/2007).

Other Knowledge

1. Excellent knowledge and use **of computer** applications Microsoft: Word, Excel, PowerPoint, Access)
2. **Geographic Information Systems (GIS) - Design Programs: ArcGIS, AutoCAD, Qgis**, with many years of involvement during studies and work in the private sector.
3. **Statistical Packages**, Application Analysis Programs: **SPSS** κ.α.
4. Languages:
English (Proficiency - University of Michigan) **C2** «Excellent knowledge» (2008)

3. TEACHING WORK IN UNIVERSITIES

A) **Independent Teaching in the Undergraduate Curriculum:** Contracts with the **Departments of Forestry of Karpenisi** (Agricultural University of Athens), **Karditsa** (University of Thessaly) and **Thessaloniki** (Aristotle University of Thessaloniki). More specifically:

1. 2019 – 2020 (12 months - Department of Forestry of Karpenisi) - Independent teaching of the courses:
"Forestry Projects and Constructions - 725"
"Phytotechnical Arrangements - 825"
"Technical Plan - 214 E+Th"
2. 2020 – 2021 (12 months - Department of Forestry Karpenisi) - Independent teaching of the courses:
"Forestry Projects and Constructions - 725"
"Phytotechnical Arrangements - 825"
"Meteorology – Climatology - 113 E+Th"
3. 2022 – 2023 (12 months - Department of Forestry Karpenisi) - Independent teaching of the courses:
"Forestry Projects and Constructions - 725"
"Phytotechnical Arrangements - 825"
"Mountain Water Arrangements II - 812 E+Th"
4. 2022 – 2023 (6 months - Department of Forestry Karditsa) - Independent teaching of the course:
"Mountain Water Arrangements - ΔΠΥ711 E+Θ"
5. 2022 – 2023 (6 months – Department of Forestry AUTH) - Independent teaching of the course:
"General Hydrology and Hydraulics, Potamology – 042Y Θ+A"
6. 2023 – 2024 (6 months - Department of Forestry Karditsa) - Independent teaching of the course:
"Mountain Water Arrangements - ΔΠΥ711 Θ+A"
"Hydrology – Water Resources Management - KM561 Θ+A"
7. 2023 – 2024 (6 months – School of Forestry AUTH) - Independent teaching of the course:
"General Hydrology and Hydraulics, Potamology – 042Y Θ+A"
8. 2024 – 2025 (6 months - Department of Forestry Karditsa) - Independent teaching of the course:
"Mountain Water Arrangements - ΔΠΥ711 Θ+A"
9. 2024 – 2025 (6 months – School of Forestry AUTH) - Independent

teaching of the course:

"General Hydrology and Hydraulics, Potamology – 042Y Θ+A"

- B) Co-Teaching in the Postgraduate Program of Study:** From 2020 until today I have been teaching as a guest teaching in the Postgraduate Program of Studies of the School of Forestry of the Aristotle University of Thessaloniki following a Decision of the General Assembly of the School of Forestry and Physical Education, without contract and remuneration, but with invitations from the School of Forestry and the Laboratory of Mountain Water Management and Control.
- C) Active participation in the organization and implementation of the annual summer internship of students in the University Forest of Pertouli (Duration: 2012-2025).
- D) Independent organization and implementation of the annual internship of the students of the Department of Forestry in Karditsa.
- E) Organization and implementation of one-day excursions of students to the Laboratory of Mountain Water Management at the Aristotle University of Thessaloniki and the Department of Forestry of Karditsa.

4. RESEARCH PROJECTS

- 1. Title of the Research Project:** *"Evaluation of the habitat types of Lake Mikri Prespa and hydrographic characteristics of its catchment area"*. (ELKE of the Agricultural University of Athens). Scient. Project Manager: Fotiadis Georgios, Assist. Professor.

Deliverables: Recording and evaluation of existing Forestry and Hydronic Projects and calculation of maximum flood flows. Duration: **15 months** (23/07/2020 – 15/09/2021).
- 2. Title of the research project:** *"Evaluation of the condition of the stream of Agios Germanos"*. (ELKE of the Agricultural University of Athens) Scientist. Project Manager: Fotiadis Georgios, Assist. Professor.

Deliverables: Recording and evaluation of the existing Forestry and Hydronic Projects and calculation of the maximum flood flows. Duration: **4 months** 1/09/2020 – 31/12/2020.
- 3. Title of the research project:** *"Investigation of the effect of Climate Change on the growth rate of Oak and Fir trees in University Forests - Correlation of climatic factors and growth ring widths"*. Project Manager: Stathis Dimitrios, Professor. Duration: **8 months** (08/03/2021 - 07/10/2021) **Deliverables:** Recording and evaluation of the impact of climate change on the development of the University Forests of Pertouli-Taxiarchis.
- 4. Title of the research project:** *"Preliminary hydrological survey at the EastMed pipeline crossing points in the Peloponnese and Western Greece"*. Scientific Project Manager: Voudouris Konstantinos, Professor. Duration: **9 months** (01/09/2021 to 15/05/2022). **Deliverables:** Statistical analysis of the rainfall data of the survey area. Estimation of the maximum daily rainfall for a 200-year restoration period. Calculation of flood charts and maximum flows of the torrents of the survey area for a 200-year restoration period. Hydraulic simulation of floods at the pipeline crossing points and estimation of the extent and depth of flood water.
- 5. Title of the research project:** *"Detailed hydrological and hydraulic study at the crossing points of the high pressure pipeline in Western Macedonia"*. Scientific Project Manager: Voudouris Konstantinos, Professor. Duration: **7 months** (06/08/2022-14/04/2023).

Deliverables: Statistical analysis of the rainfall data of the research area, estimation of the maximum daily rainfall for a 100-year recovery period, calculation of flood charts and maximum flow rates of the torrents of the research area for a 100-year recovery period. Hydraulic simulation of floods at the pipeline crossing points and estimation of the extent and depth of flood water. Application of a hydraulic model for the estimation of flood risk.

6. **Title of the research project:** *"Hydrogeological survey to investigate the possibilities of meeting the water needs from underground reserves in the wider area of Lagoura, Argos Orestiko"*. Scientific Project Manager: Voudouris Konstantinos, Professor. Duration: **8 months** (04/05/2023- 15/12/2023).
Deliverables: Digitization, processing of hydrological data and production of the corresponding thematic maps.
7. **Title of the research project:** *"Assessment of hydrological conditions at the points of intersection of the TAP pipeline with streams and water systems"*. Scientific Project Manager: Fotiadis Georgios, Associate Professor. Duration: **2 months** (12/06/2024- 31/07/2024).
Deliverables: Recording of field data and assessment of hydrological conditions at the intersection points of the TAP pipeline with streams and water systems. Assessment of possible changes in water flow and stream sedimentation. Development and proposal of solutions in streams with severe disturbance of the hydrological environment
8. **Title of the research project:** *"Extraction of hydrographic characteristics and estimation of hydrometric information (flow/level) using ground and aerial images in the experimental catchment area of the Vathi river in the University Forest of Pertouli"*. Project Manager: Sapountzis Marios, Professor. D Duration: **1 month** (01/11/2024- 30/11/2024).
Deliverables: He is going to implement the main part of the field research in the research area in the University Forest of Pertouli, by conducting measurements of the cross-sections of the Vathi stream, taking horizontal data and the torrential environment. He will process the data and contribute to the extraction of the results and the writing of the deliverables.
9. **Title of the research project:** *"Correlation of surface runoff and erosion with land use and rainfall intensity"*. Excellence Scholarship. Scientific Project Manager: Kyriakos Hyacinthos, Professor. Duration: **12 months** (01/04/2024 – 31/03/2025)
Deliverables: Accurate quantitative calculation of surface runoff in representative areas (experimental surfaces). Accurate quantitative calculation of soil erosion in representative areas (experimental surfaces). Correlation of soil erosion results and runoff of experimental surfaces.
10. **Research project title:** Horizon Europe 2021-2027 *"iCOSHELLs: Innovative Co-Creation Soil Health Living Labs"*. Project Leader: Dalos Georgios, Professor. Duration: **11 months** (14/02/2025- 31/12/2025).
Deliverables: Participation in WP1, WP2 and WP3 and in particular in the literature review for the creation of the living labs with improved water management solutions, the definition of procedures to be applied in the live labs, the implementation of new innovative solutions for the optimization of water use in the live labs, the monitoring and evaluation of the innovative practices in the live labs and the writing of the deliverables of the different work units.

11. **Title of the research project:** *"Hydrological and hydraulic study of the natural gas transmission pipeline at 4 points of stream intersection on the route Nea Mesimvria – Evzoni"*. Scientific Project Manager: Voudouris Konstantinos, Professor.
Duration: **1 month** (01/05/2025- 31/05/2025).
Deliverables: Statistical analysis of the rainfall data of the research area, calculation of flood charts and maximum flows of the torrents of the research area for a 100-year recovery period. Contribution to the hydraulic simulation of floods at the pipeline crossing points and estimation of the extent and depth of flood water. Data processing and contribution to the extraction of the results and the writing of the deliverables.
12. **Title of the research project:** *"Research on Ecological and Hydrological Processes of Typical Underlying Surface of Qilian Mountains"*. Scientific Project Leader: Prof. Erwen Xu
Duration: **1.5 months** (01/08/2024- 10/09/2024).
Deliverables: Statistical analysis of the hydrometeorological data of the research area, correlation between them and simulation of hydrological processes.
13. **Research project title:** *" Ecohydrological Effects of Representative Underlying Surfaces in the Northern Qilian Mountains: A Comprehensive Analysis "*. Project Leader: Prof. Erwen Xu
Duration: **1 month** (01/07/2025- 20/07/2025).
Deliverables: Statistical analysis of the hydrometeorological data of the research area, correlation between them and simulation of hydrological processes.

5. RELATED PROFESSIONAL WORK

1. 15/02/2013 - 15/7/2013 (**Duration: 5 months**) Forester/Environmentalist, in the Municipality of Pylaia-Hortiatis in the Directorate of Reforestation of the municipality. **Objects: Forestry and Phytotechnical projects** - Recording of the forest areas of the Municipality - **Designation of recreation areas - Reforestation of forest areas.**
2. 13/06/2014 – 7/10/2015 (**Duration: 16 months**) Forester/Environmentalist at the design company "DASOGAIA". Objects: Studies **of Forestry and Phytotechnical projects**, field measurements, **Hydrological studies and field works**, Studies of Forest Road Construction and restoration of slopes of Forest Roads, photointerpretation of agroforestry areas and settlements, creation of geospatial databases, control of area demarcation, **topological inspections**, autopsies, etc.
3. 10/03/2016 – 30/12/2016 (**Duration: 9 months**) Forester/Environmentalist at the design company "POLYLINE S.A.". Objects: Studies **of Forestry and Phytotechnical projects, Hydrological studies and rural works**, Forest Road Construction studies, digitization of the PPC electricity network, creation of a digital background of a recent period for OTE, various works on forest maps.
- a. 18/09/2017 – 1/08/2019 (**Duration: 23 months**) Forester/Environmentalist at the design company "DASOGAIA". Subjects: Studies **of Forestry and Phytotechnical Projects, Design and Construction of Forestry Projects**, Field measurements, **Hydrological studies and field works**, Forest Road Construction and Forest Road Slope Restoration Studies, photo-interpretation of agroforestry areas and settlements, creation of geospatial databases, area demarcation control, **Topological** controls, autopsies, etc.

6. EXTRA PROFESSIONAL EXPERIENCE

1. 15/01/2009-03/01/2011 Employee with the task of creating and managing a **geographical database** using **Geographic Information Systems (GIS)**, with the aim of geographically distributing the clientele in an insurance company "VASSILIADIS", Thessaloniki.
2. 15/02/2011–20/05/2012 **Forester/Environmental** at the agricultural-organic products certification company "GMCert". Objects: Environmental control of agricultural-agricultural holdings. Geographical location of parcels using **GIS**.
3. 5/01/2017 - 31/08/2017 **Forester/Environmental** at the agricultural-organic products certification company "GMCert". Objects: Environmental control of agricultural holdings. Geographical location of parcels using **GIS**.
4. Parallel employment. **Forester/Environmental** - Independent collaborator of the company "Trellis & Co". Objects: Preparation **of Environmental Impact Studies (EIA)** for agricultural holdings, within protected areas (NATURA).

7. INTERNATIONAL RECOGNITION - INTERNATIONAL PRESENCE - MOBILITY

1. I have been included in the "**List of the top 2% most influential scientists in the world**" for the year **2022**. The list was published by **Stanford University** and **Elsevier** and includes **122 scientists** from the Aristotle University of Thessaloniki.

Ioannidis, John P.A. (2023), "October 2023 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V6, doi: 10.17632/btchxktzyw.6

2. I have been included in the "**List of the Top 2% Most Influential Scientists in the World**" for the year **2023**. The list was published by **Stanford University** and **Elsevier** and includes **152 scientists** from the Aristotle University of Thessaloniki.

Ioannidis, John P.A. (2024), "August 2024 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V7, doi: 10.17632/btchxktzyw.7

3. **Following the judgment and approval of the Special Scientific Committee**, I participate in the **COST Action CA23108** entitled "*Seasonal-to-decadal climate predictability in the Mediterranean: process understanding and services (MEDUSSE)*".
4. I was invited in 2024 as a **distinguished specialist scientist in Mountain Water Management** by the **Institute of Water Resources Management of the Qilian Mountains Mountain Forests**, in the context of the implementation of the research program "Research on Ecological and Hydrological Processes of Typical Underlying Surface of Qilian Mountains".
5. I was also invited in 2025 as a **distinguished specialist scientist in Mountain Water Management** by the **Institute of Water Resources Management of the Qilian Mountains Mountain Forests**, as part of the implementation of the research program "Ecohydrological Effects of Representative Underlying Surfaces in the Northern Qilian Mountains: A Comprehensive Analysis".
6. I was invited in 2025 as a **distinguished specialist scientist in Mountain Water Management** by the European **Geoscience Union (EGU)** in order to organize and direct a special thematic section in the context of the **EGU25 General Assembly** conference, on "*Managing wildfires in a changing world*" and in the thematic sections "*prescribed/experimental fires | fire and burn severity | fire effects on vegetation, soil and water | post-fire hydrological and erosive response | post-fire management and mitigation | socio-economic on pre- and post-fire land management | risk assessment and modelling*".

SSS9.1 <https://meetingorganizer.copernicus.org/EGU25/session/52862>

7. I was invited in 2025 as a **distinguished specialist scientist in Mountain Water Management** by the European **Geoscience Union (EGU)** in order to judge papers submitted to the **EGU25 General Assembly conference**.
8. I was invited in 2025 as a **distinguished specialist scientist in Mountain Water**

Management by the Organizing Committee of the International Conference "*Fire in the Earth System: Humans and Nature*" to organize and direct a special thematic section in the context of the conference on "*Soil erosion and forest fires. The fate of sediments, water, nutrients, and soils in landscapes affected by fires*".

9. During my PhD studies I won a **special International Mobility Scholarship for research (after a competitive process)**, with a duration of 6 months at the Technical University in Zvolen, Slovak Republic, at the Faculty of Forestry (**Department of Forest Harvesting, Logistics and Ameliorations**).
10. I serve as a Researcher – expert of the European Commission **for the evaluation of scientific proposals**, monitoring of projects, evaluation of Horizon programs.
11. Call (2022) as **Independent National Expert** for the environmental and ecological management and monitoring of the **Trans Adriatic Pipeline (TAP) project**.

I serve in Scientific Peer-reviewed Journals related to my subject and specialization as a Reviewer of scientific publications and indicatively mention the following international scientific journals:

- CATENA Journal (Elsevier)
- Journal of Environmental Management (Elsevier)
- Hydrological Sciences Journal (Taylor & Francis)
- Journal of African Earth Sciences (Elsevier)
- Journal of Forestry Research (Springer)
- Forest Ecology and Management (Elsevier)
- International Journal of Applied Earth Observation and Geoinformation (Elsevier)
- International Journal of Disaster Risk Reduction (Elsevier)
- Geoderma (Elsevier)
- Water (MDPI)
- Sustainability (MDPI)
- Resources (MDPI)
- Remote Sensing (MDPI)
- Sensors (MDPI)
- ISPRS International Journal of Geo-Information

Guest Editor

- Sustainability Magazine (MDPI) Special Issue entitled: "**Flood Risks, Vulnerability and Governance**".
- Sustainability Magazine (MDPI) Special Issue entitled: «**Natural and Anthropogenic Flash Flood Generation: Forest Technical Works Impact, Flood Mechanisms and Flood Prevent-Mitigation Measures**».

Evaluator of scientific papers of Conferences

19th Panhellenic Forestry Conference entitled "**The contribution of forest ecosystems to the mountain economy and the protection of the natural environment**".

Litochoro, Pieria (29 Sept.-2 Oct. 2019).

8. Awards – Scientific Distinctions

1. I have been included in the "**List of the top 2% scientists in the world**" for the year **2022**. The list was published by **Stanford University** and **Elsevier** and includes **122 scientists** from the Aristotle University of Thessaloniki.

Ioannidis, John P.A. (2023), "October 2023 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V6, doi: 10.17632/btchxktzyw.6

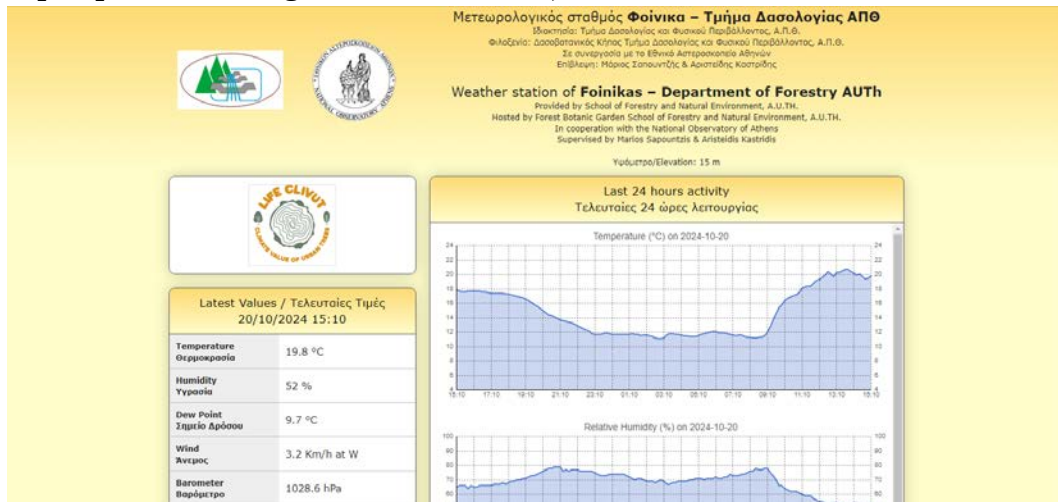
2. I have been included in the "**List of Top 2% Scientists in the World**" for the year **2023**. The list was published by **Stanford University** and **Elsevier** and includes **152 scientists** from the Aristotle University of Thessaloniki.

Ioannidis, John P.A. (2024), "August 2024 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V7, doi: 10.17632/btchxktzyw.7

3. Excellence **Scholarship for the preparation of a Doctoral Thesis** in the framework of the research program: "**Excellence Scholarships – Excellence & Innovation Awards by the Research Committee of the Aristotle University of Thessaloniki**".
4. Excellence **Scholarship for the Postdoctoral Research** of the Faculties of Polytechnic, Science, Agriculture, Forestry & Natural Environment – 2023
5. **Transportation and Expenses Funding Award in Vienna, Austria, for the presentation of erosion research results from Greece at the EGU25 General Assembly conference.**
6. Nomination of the General Assembly and Inclusion in the teaching staff of the School of Forestry and Physical Education (AUTH) (between permanent faculty members and EDIP) who implements the teaching work of the MSc **as a researcher of outstanding importance in the scientific field based on the regulation of the MSc.**

9. RESEARCH INTERESTS

- Installation and supervision of the meteorological station "Foinikas Kalamaria" in the Forest Botanical Garden, Department of Forestry and Natural Environment, Aristotle University of Thessaloniki. (<https://penteli.meteo.gr/stations/foinikas/>).



1. **Mountain Water Arrangements.** Flood simulation – flood risk assessment. Application of Hydrological and Hydraulic models in combination with Geographic Information Systems.
2. **Hydrometeorology - Tree Climatology**
3. **Meteorology-Climatology.** Statistical analysis of precipitation and temperature time series. Calculation of **the maximum rainfall intensity** for different recovery periods.
4. **Forest hydrology – Hydrology and management of water resources.**
5. Adequacy study of the maximum drainage of Forestry projects - dimensioning of drains, bridges and other Mountain Water Management projects for different restoration periods.
6. Forestry and Hydronic Projects.
7. Study of the impact of Mountain Water Management projects on the water diet in the river basins.
8. Changes in land use and **impact on water runoff, soil erosion and transport of sediments** at the level of river basins.

10.BIBLIOMETRIC DATA

As already mentioned, **from 2022 and continuously** until today I have been included in the "**List of the top and most influential scientists in the world**". The list includes rankings of scientists both in terms of the last year and in terms of their overall career up to the reference year (career). The list evaluates with objective bibliometric criteria (**1st, 2nd..... author, number of citations, impact factor**, etc.) the impact of the scientific work of almost 10,000,000 scientists around the world, classifying them into 22 scientific fields and 174 subfields. **All bibliographic data are drawn from the international bibliographic database Scopus (Elsevier).**

Based on the above, it becomes clear that my papers, in which I am the 1st-2nd author, have received a large number of citations and are internationally recognized by the international scientific community.

Google Scholar

h-Index: 17
i10-Index: 18
Citations: 782

	Όλα	Από το 2021
Παραθέσεις	782	733
h-index	17	17
i10-index	18	18

Scopus

h-Index: 16
Citations: 594

Kastridis, Aristeidis

[Aristotle University of Thessaloniki](#), Thessaloniki, Greece • Scopus ID: 56652238000

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594	29	16
Citations by 436 documents	Documents	h-index

11. BRIEF DESCRIPTION OF RESEARCH AND WRITING WORK

11.1. Publications – Monographs

1. "The fire of Kassandra, Halkidiki (21-8-2006) – The study of the torrential environment and the effectiveness of the executed anti-erosion and anti-flood works in the torrential streams of Haniotis and Nea Skioni" <https://drive.google.com/file/d/1RivN1o32wElmW1ADuf8cfiHYO09E6Xst/view>
2. "Natural and Anthropogenic **Flood Generation of the Apollonia Torrent – Flood Protection Arrangement**". **Master's thesis**, Department of Forestry and Natural Environment (AUTH) (<http://ikee.lib.auth.gr/record/125999?ln=el>)
3. "**The Flood Generation of the River Basins** of the Cholomontas Mountain Massif, Halkidiki". **PhD thesis**, School of Forestry and Natural Environment (AUTH) (<https://ikee.lib.auth.gr/record/305780/files/GRI-2019-24681.pdf>)

11.2. Publications - Peer-reviewed scientific journals

- 1.1.** Kastridis A. and V. Kamperidou, 2014. **Evaluation of the post-fire erosion and flood control works in the area of Cassandra (Chalkidiki, North Greece)**. Journal of Forestry Research. Vol. 25, No. 2 p.p 209-217. <https://doi.org/10.1007/s11676-018-0741-3>.
- 1.2.** Kastridis A. and D. Stathis, 2015. **Evaluation of small earth dams and reservoirs efficiency in water management in North Greece (Kerkini Municipality)**. Silva Balcanica, 16(2)/2015. https://silvabalcanica.files.wordpress.com/2015/09/sb_162-2015-071-084.pdf.
- 1.3.** Kastridis A. and V. Kamperidou, 2015. **Influence of Land Use Changes on Alluviation of Volvi Lake Wetland (North Greece)**. Soil & Water Res., 10, p.p 121–129. <https://doi.org/10.17221/174/2014-SWR>.
- 1.4.** Kastridis, Aristeidis. 2020. **Impact of Forest Roads on Hydrological Processes**. Forests 11, no. 11: 1201, <https://doi.org/10.3390/f11111201>.
- 1.5.** Kastridis A. and Stathis D., 2020. **Evaluation of Hydrological and Hydraulic Models Applied in Typical Mediterranean Ungauged Watersheds Using Post-Flash-Flood Measurements**. Hydrology 7, no. 1: 12. <https://doi.org/10.3390/hydrology7010012>.
- 1.6.** Kastridis, A, Kirkenidis, C, Sapountzis, M. 2020. **An integrated approach of flash flood analysis in ungauged Mediterranean watersheds using post-flood surveys and unmanned aerial vehicles**. Hydrological Processes. 34: 4920–4939. <https://doi.org/10.1002/hyp.13913>.
- 1.7.** Tzioutzios, C. Kastridis A. 2020. **Multi-Criteria Evaluation (MCE) Method for the Management of Woodland Plantations in Floodplain Areas**. ISPRS Int. J. Geo-Inf., 9, 725, <https://doi.org/10.3390/ijgi9120725>
- 1.8.** Sapountzis M., Kastridis A., Kazamias A-P., Karagiannidis A., Nikopoulos P., and Lagouvardos K. 2021. **Utilization and uncertainties of satellite precipitation data in**

- flash flood hydrological analysis in ungauged watersheds.** Global NEST Journal, 23(3), 388-399. doi.org/10.30955/gnj.003905.
- 1.9.** Kastridis A., Theodosiou G., Fotiadis G. 2021. **Investigation of flood management and mitigation measures in ungauged NATURA protected watersheds.** Hydrology 8, no. 4: 170. doi.org/10.3390/hydrology8040170.
- 1.10.** Kastridis A, Kamperidou V, Stathis D. 2022. **Dendroclimatological Analysis of Fir (A. borisii-regis) in Greece in the frame of Climate Change Investigation.** Forests. 2022; 13(6):879. https://doi.org/10.3390/f13060879.
- 1.11.** Kastridis A, Stathis D, Sapountzis M, Theodosiou G. 2022. **Insect Outbreak and Long-Term Post-Fire Effects on Soil Erosion in Mediterranean Suburban Forest.** Land. 2022; 11(6):911. https://doi.org/10.3390/land11060911.
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