# CV

# PYRROS NIKOPOULOS
FOREST ENGINEER & CERTIFIED ENVIRONMENTALIST

## OBJECTIVE

-**Forest Engineer** with specialty in water engineering and water management.

-Front end Developer

## SKILLS

-**Co2** monitoring, studying, analyzing.
-**Environmental** Impact assessment production.
-**Water engineering** measurements and study of research area.
-**Water management planning** and recommented water buidlings.
-Autocad 2d&3d
-GIS (Arcmap,Arcscene)
-Python
-Wondershare

-**Html5**
-**CSS**
-**Javascript**
-**Node JS**

## EXPERIENCE

**FOREST ENGINEER & ENVIRONMENTALIST • HOMEOTECH • FROM FERBUARY 2022 TO MARCH 2023**
-Working with G.I.S. Arcmap and Arcscene for landuse separation and categorization.
-Forest counting and measuring in specific area samples in order to determine the landcover of the most primitive species and measuring its all qualitive and quatitive characteristics (Height,Width,Age,Mixing ratios,Health,orientation,inclination,tree measuring, etc
-Green tree application

**FRONT END DEVELOPER • MARBLE KOMNINON LTD • FROM MAY 2019 TO JANUARY 2021**
-Website building and IT consultant (Website development and data management, CSS,HMTL,JAVASCRIPT,PYTHON,SQL)

**SITE CONSTRUCTION MANAGER IN FIBER OPTICS • ARTEMIS ITS GMBH MUNCHEN • FROM MARCH 2023 – NOVEMBER 2023**
Management of the excavating and installation teams,
Management of the materials,plans,multiduct lengths-sizes-positioning,
Management of the excavation process and decision making regarding the situation

## EDUCATION

**SCHOOL OF AGRICULTURE, FORESTRY AND NATURAL ENVIRONMENT • 2021 • ARISTOTLE UNIVERSITY OF THESSALONIKI**
-7.4 Grade, specialty in water engineering

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Σχήμα 3. Λεκάνες απορροής της νήσου Θάσου

-JAVASCRIPT CERTIFICATE  • CODECADEMY
-CSS CERTIFICATE  • CODECADEMY
-PYTHON 3 CERTIFICATE  • CODECADEMY
-FULL STACK ENGINEER PROFESSIONAL CERTIFICATE BY CODECADEMY

## RESEARCH

- Degree Thesis in water management and water engineering department with the title " The torrential environment of Thassos island ".

- Co-writer in scientific article that published in "WATER" magazine and research gate with title "Utilization and uncertainties of satellite precipitation data in flash flood hydrological analysis in ungauged watersheds".
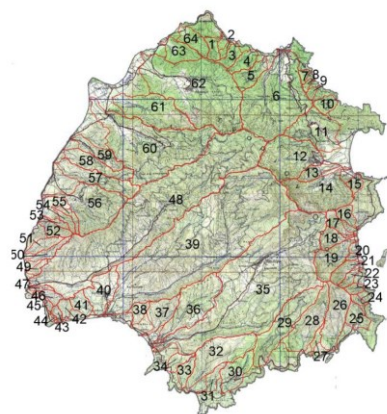
- Dam reconstruction study in Kosynthos torrent (Autocad design 2d and 3d, hec-rash applied).

- Taxiarches Chalkidiki forestry department practice on the field in Forest road Engineering (construction and planning), Logging planning,Water Engineering and management, Dam planning and building, Botany, Petrography and Edaphology – Soil science, EIA production.
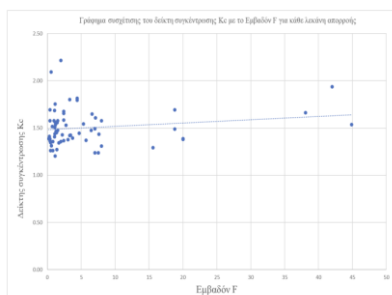
-Pertouli forestry department practice on the field and lab in Forest and plant Genetics, Ecology, Sustainable Forest Management, Wood chemistry, Wooden product production stages and paper pulp.

-Thassos island forestry department for practice and research purposes in order to make measurements of the morphological and hydrological characteristics of the torrents.
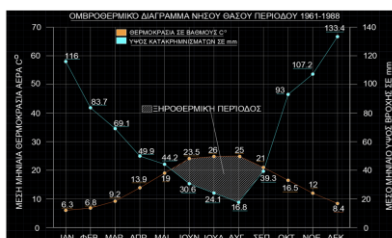
-5 years Autocad usage experience 2D & 3D.
-2 years Arcgis(Arcmap,Arcscene) usage experience.
-7 years MS OFFICE experience
-6 months Python coding experience
-1 year Professor's assistant in the department of water management and water engineering of A.U.TH


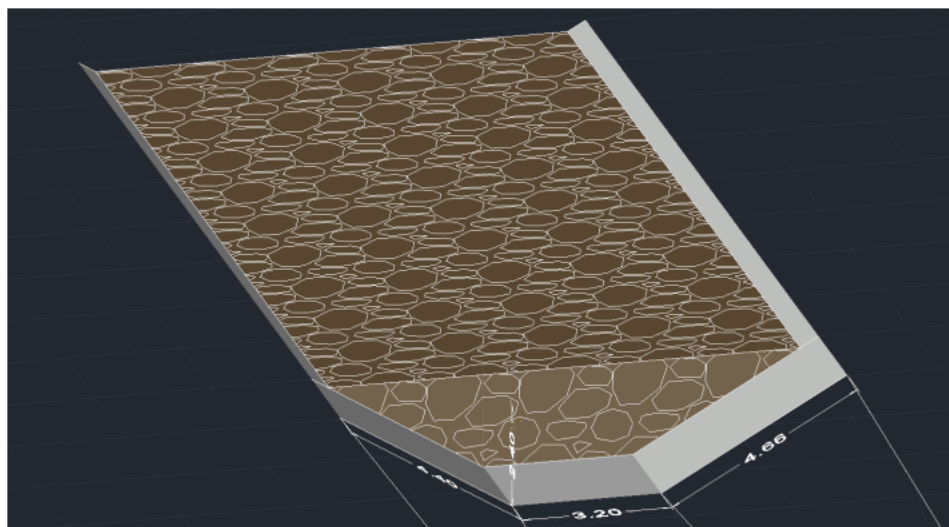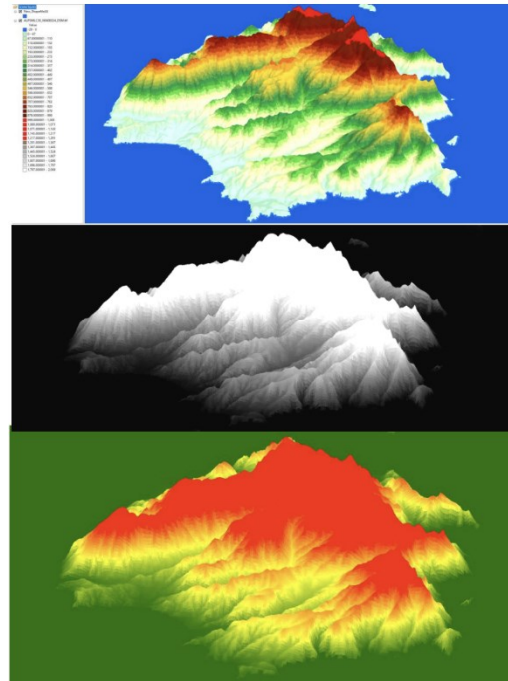Γράφημα 2. Κατανομή δείκτη συγκέντρωσης Κc συναρτήσει εμβαδού σε φθίνουσα ταξινόμηση


Γράφημα 6. Ομβροθερμικό διάγραμμα νήσου Θάσου περιόδου 1961-1988

## Rights of the profession

- Producing and writing Environmental Impact Assesments according to the research on the field and the measurements.

- Testing and taking samples of the soil in order to determine the macronutrients and micronutrients that find in the soil and categorizing the kind of the soil and if its capable for a certain kind of plant or tree.

- Can manifucture and sell fertilizers

- Have the authority to found a geotechnical office and produce studies and assesments (EIA).

- Have the authority to found a wood product factory in order to produce wood (Timber), wooden products, natural biofuel, white spirit.

- Have the authority to be an expert in natural disasters in order to calculate the impact to the environment.

- Have the authority to characterize the land use or land type ( Forest,agroland, semi forest covered land, etc…)

## Licenses

-Official Forest engineer licence provided by Geotechnical Chamber of Greece (ΓΕΩΤΕΕ).

-Official geotechnical scientist licence provided by G.C.G. (ΓΕΩΤΕΕ).





Σχήμα 37. Πληρωμένη κοίτη με φερτά υλικά ανάντη του δίδυμου οχετού