ELENI
KOLINTZIKI

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EDUCATION

MASTER OF SCIENCE (MSC) IN ENVIRONEMTAL SCIENCES| TRINITY COLLEGE DUBLIN – SCHOOL OF NATURAL SCIENCES

09/2022 - 11/2023

Desk Study: "Mapping community interventions for rewilding cities: a critical analysis of their transformative capacity | Suitability"

Thesis: "An investigation of the impact of landscape-level characteristics on the biodiversity of Irish native forests using Geographical Information Systems (GIS)."

INTERGRADED MASTER'S DEGREE (IMSC) IN AGRICULTURE | ARISTOTLE UNIVERSITY OF THESSALONIKI – FACULTY OF AGRICULTURE, FORESTRY, AND NATURAL ENVIRONMENT

09/2017 - 07/2022

Specialization field: Plant Production

Thesis: "Monitoring of land degradation in Greece and Tunisia using cloud remote sensing tool "Trends. Earth", conducted as part of the ''AfriCultuReS'' Project

RESEARCH EXPERIENCE

ENVIRONMENTAL GIS MAPPING TECHNICIAN | TEAGASC, DUBLIN, IRELAND

05/2024 – 02/2025

Digitized the Signpost Farms using ArcGIS Pro, classified Irish habitats and produced biodiversity/habitat maps for the farms

Calculated carbon sequestration for the Signpost Farms (for all the different habitats) using ArcGIS Pro and high-resolution LIDAR imagery

Conducted data processing, geospatial and statistical analysis

GIS TECHNICIAN | GEOANALYSIS S.A, THESSALONIKI, GREECE

12/2023 – 05/2024

Digitized and analyzed road networks of Greek islands and produced cartographic illustrations using QGIS 3.28

Conducted land classification to be used as a basis for land surveying

Conducted data processing and geospatial analysis

HORTICULTURAL ASSISTANT | INTERNSHIP, HELLENIC AGRICULTURAL ORGANIZATION-DEMETER, THESSALONIKI, GREECE
Department: Institute of Plant Breeding and Genetic Resources (IPB&GR)
07/2021 - 08/2021

Produced garden illustration (landscape architecture)

Designed irrigation systems

Conducted plant health inspections (irrigation, pruning), transplantation and plant micro propagation

Conducted field experiments (comparison of fertilizers and organic farming)

Publications

Cherif, I.; Kolintziki, E.; Alexandridis, T.K. Monitoring of Land Degradation in Greece and Tunisia Using Trends.earth with a Focus on Cereal Croplands. Remote Sens. 2023, 15, 1766. https://doi.org/10.3390/rs15071766

Honors and Awards

E3 Scholarship Award. Issued by Trinity College Dublin. · Sep 2022

Presentation of "Monitoring of Land Degradation in Greece and Tunisia Using Trends.earth with a Focus on Cereal Croplands" in Med GU - 2nd Mediterranean Geosciences Union. · Nov 2022

TECHNICAL SKILLS

Geospatial Analysis: ArcGIS Products (ArcGIS Pro, ArcMap, ArcGIS Online), QGIS, SNAP, Trends. Earth, Google Earth

Statistical Analysis and Programming: SPSS, R, RStudio

Data visualization: Cartographic and mapping skills for agricultural and environmental applications

Languages

Greek – native language

English – level C2 from the University of Michigan, 7.5 IELTS

Italian – level B1