

Omikron Ltd : Forest Engineers in and out of forests

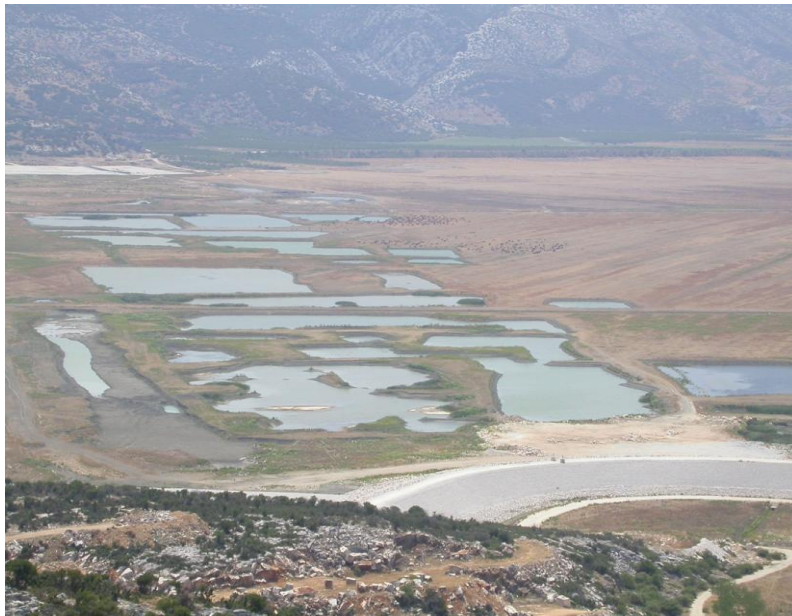


Antonis Mantzavelas
Forest Engineer, Doctorat

InSide the Forest



OutSide the Forest



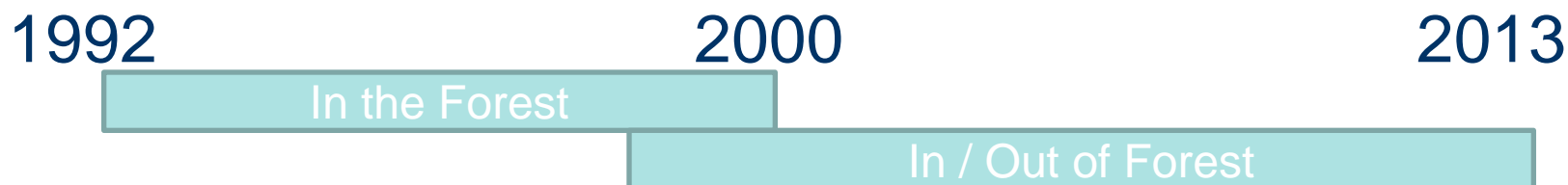
Who we are

- **OMIKRON Ltd** founded in 2001, is a private company offering consultancy for Public Administration Services, Local Authorities and Private Stakeholders in the fields of environmental engineering, management of natural resources and information technologies works.
- **OMIKRON Ltd** has its private 420 m² premises in Greece, 15th km Thessaloniki-Moudania, 57001 Thermi, P.O. BOX 60880, GREECE; Tel: (+30) 2310864382, Fax: (+30) 2310865183.

Our Objective

The main objective of **OMIKRON Ltd** is to provide high quality consultancy services within the fields of its expertise on a National, European and International level.

Fields of expertise (starting point)



1992 – 1999 (2000) :

- Forest management Plans
- Forest roads and other works technical studies
- Forests fire prevention plans
- Forest recreation studies
- Environmental Impact Assessments
- Rare “other” studies (Owners specific skills)

Fields of expertise (present condition)

- Strategic development plans
- Environmental engineering
- Strategic EIA projects
- Management of protected areas and natural resources
- Monitoring and restoration of natural habitats, wildlife species and protected areas
- Development of environmental interpretation schemes

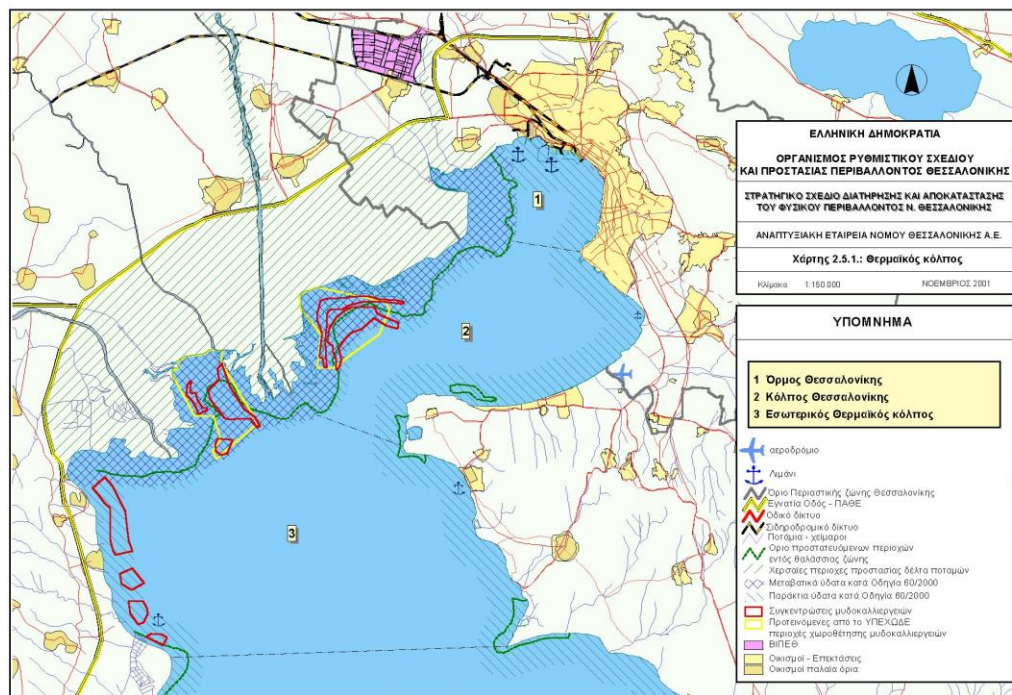
Fields of expertise (present condition)

- Management of soil and water resources
- Agro-environmental projects
- Management of landscape (public or private) works
- National Cadastre (Forest Maps)
- Natural Disasters Risk Management
- Data Base and GIS applications
- Consultancy services in regional and local development policies.
- Management of E.U. – International initiatives and programs

- ISO 9001 : 2008 “Studies and Consultancy Services on : Natural, Urban and Suburban Environment – Rural Development – Technical Works – Geographic Information Systems and Gis Applications – Photogrammetry – Cadastre – Data Bases Software and Information Technologies Applications Development – Management of Forest Fires”

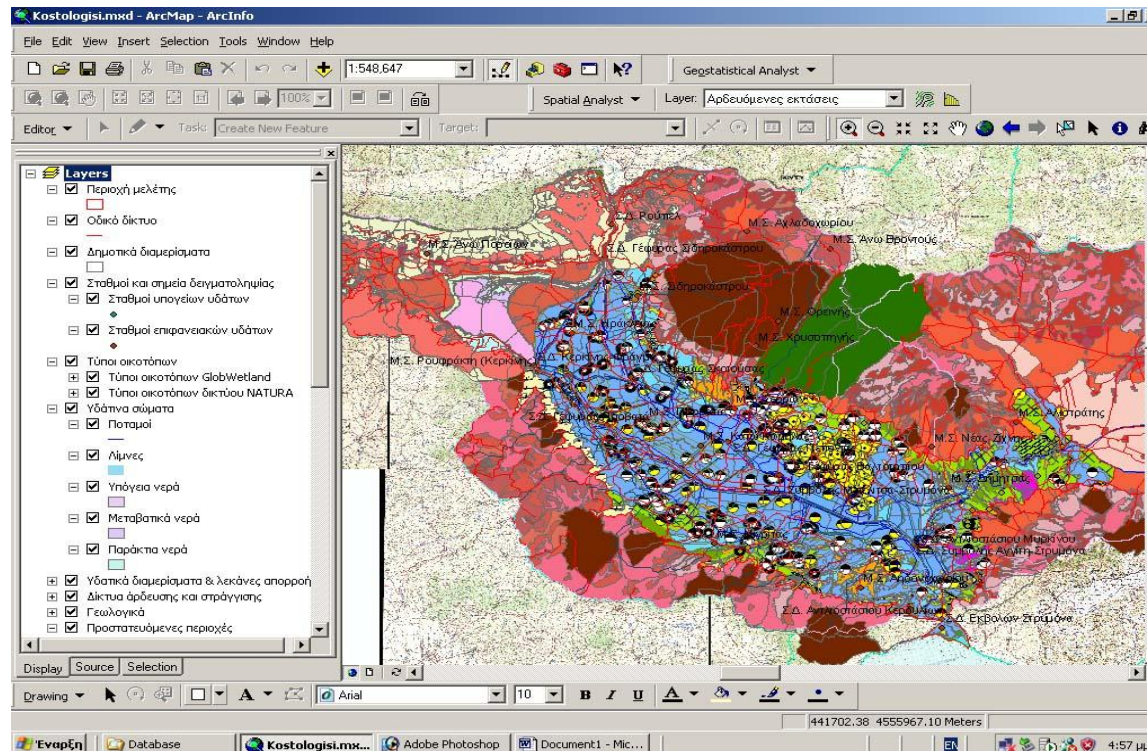
Environmental Projects

“Strategic plan for the conservation and restoration of the natural environment of Thessaloniki region”. Agency for the Landscape and Environmental Protection, Greece.



Management of soil and water resources

“Design the monitoring of groundwater in the basin of the river Strymon”,
 Region of Central Macedonia, Greece.



Engineering Projects (Habitat Conservation and Restoration)

“Protection against floods and rehabilitation of the burned areas in the hydrological basin of Pefkohori, Kassandra peninsula”, Forest Division of Chalkidiki, Greece.



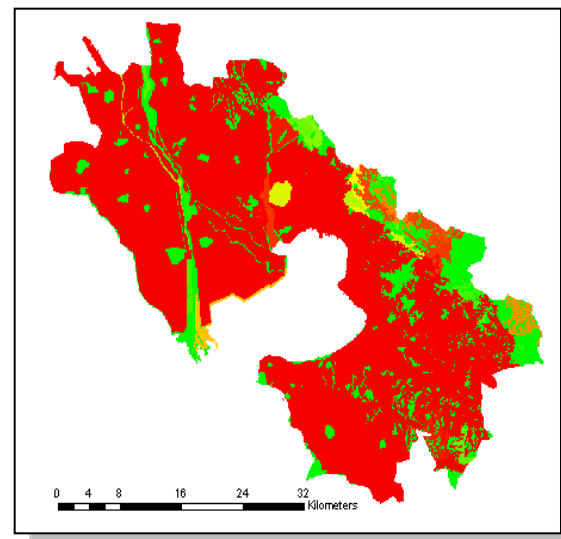
Engineering Projects (Habitat Conservation and Restoration)

“Design works to protect, preserve and restore habitats, wild fauna, and visitor monitoring and planning of the natural environment in the protected area Chortarolimni-Lake Alyki, Isle of Lemnos”, Municipality of Moudros, Greece.



GIS and Information Technologies

“An Innovative Approach of Integrated Wild land Fire Management Regulating the Wildfire Problem by the Wise Use of Fire: Solving the Fire Paradox”
 Commission of the European Communities / Research Directorate – General / 6FP



GIS and Information Technologies

οForest - Πρόληψη

ΟΔΗΓΟΣ ΔΙΑΧΕΙΡΙΣΗΣ ΔΑΣΙΚΗΣ ΒΛΑΣΤΗΣΗΣ
 για την πρόληψη και αποκατάσταση από δασικές πυρκαγιές

Χειρισμοί Πρόληψης | Τύπος Βλάστησης | Ταυτότητα Βλάστησης | Χαρακτηριστικά | Πυρρικά Χαρακτηριστικά

Υψόμετρο: 0 έως 600

Ύψος Δέντρων (m): 0 έως 5

Ύψος Θάμνων (m):

Ύψος Λιβαδιών:

Πυρρικά Χαρακτηριστικά

Υψος Ξύλου: 240

Απόσταση από το ξύλο: 120

Απόσταση από το Δέντρο: 100

Το ύψος είναι : 200 cm 2 m

Υπολογισμός

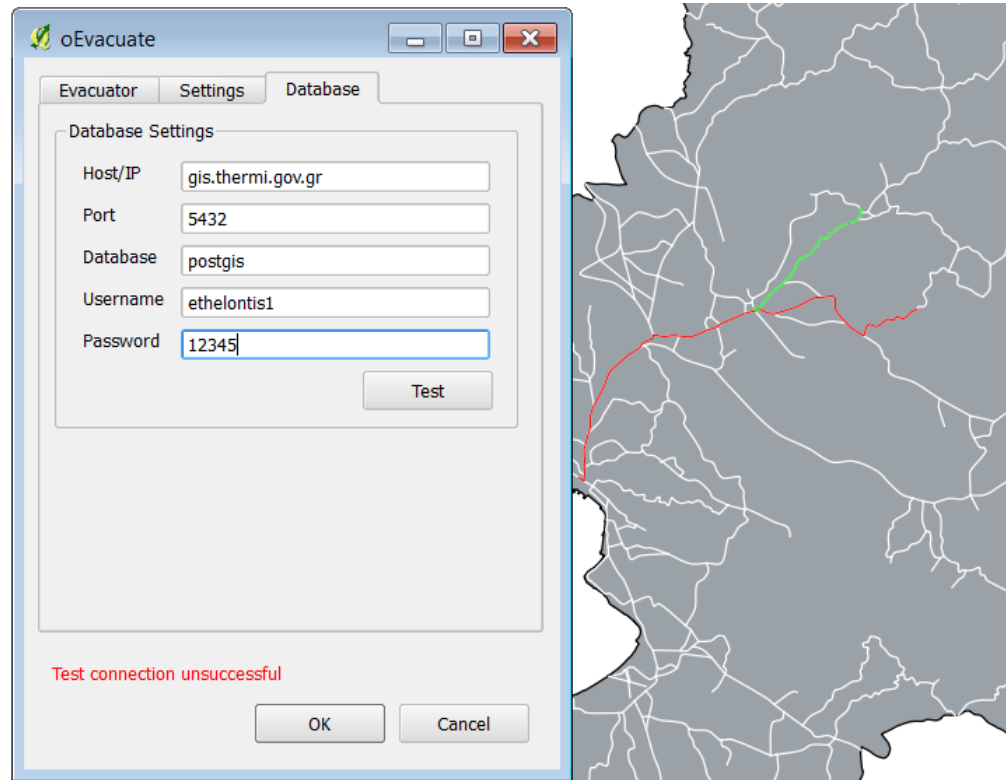
Πυρρικά Χαρακτηριστικά (εικόνα)

Πυκνότητα: 40% έως 70%

Πίσω | Επόμενο

Record: 1 of 482112 | No Filter | Search

GIS and Information Technologies



Personnel (starting point)

- 5 forest engineers
- 2 biologists
- Secretariat – Administration (2 persons)

Personnel (present condition)

- 13 forest engineers
- 1 M.Sc. expert in Data Base and GIS software and applications development,
- 1 expert in Geoinformatics
- 1 expert in Open Learning Software
- 1 agronomist
- 1 geographer
- 2 biologists

Personnel (present condition)

- 1 marine biologist
- Secretariat – Administration (2 persons)

Labour Market Trends for Forest Engineers

- Public Sector
 - Reduction of Public Investments in core of the Forest sector (wood production, public works)
 - Increasing needs and interests in environmental issues and added value sectors (Information and Communication Technologies)

Labour Market Trends for Forest Engineers

- Private Sector
 - Increasing Business opportunities and activities in the local market and abroad (ex. Turkey and the Balkans etc)
 - Unbalance in mobility vs business opportunities (day to day duties, economic environment)

Strategic decision

- Be less Forester
- Move towards other disciplines
- More contacts between Universities and SMEs
- Make the private sector a turning point

Thank you

