

PRESS RELEASE

3rd Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment December 11-13, 2019

The Geographic Information Systems Research Unit and the Greek Society of Geographic Information Systems organize under the auspices of the Agricultural University of Athens and the Ministry of Rural Development and Food, the **3rd conference in a row** that has now become an institution.

The **3rd Conference on Geographic Information Systems and Spatial Analysis in the Agriculture and the Environment** will take place on December **11, 12, 13, 2019** at the Conference Hall of the Agricultural University of Athens.

The three-day conference will be **opened** by the Deputy Minister of Rural Development and Food, **Mrs. Arabatzis Fotini**, on **Wednesday 11/12/2019**, and the event will be addressed by those in charge of the event, Mr Kalivas Dionissios, Professor AUA, GIS Research Unit, Mr. Anastasios Lambropoulos, Laboratory Teaching Staff NTUA, HellasGIS Vice President. Also, the Rectorry authorities of the Agricultural University of Athens, Mr. Stathakis Dimitrios, President of the Hellenic Land Registry, Mr. Haroutounian Serkos, President ELGO-DIMITRA, Mr. Lykourantzou Andreas, President of ELGA, Mr. Varras Grigorios, President of OPEKEPE, Mr. Gardikiotis Menelaos, Secretary General of the Geotechnical Chamber of Greece.

The inaugural Session will include the awarding of two emeritus professors, the Emerita Professor of the Agricultural University of Athens, Mrs. Vassiliki Kollika and the Emeritus Professor of the AUTH, Mr. Nikolaos Syllaios. Both of them have been delivering the most in the field of Geoinformatics in the Agriculture and in the Environment both in education and in research.

A Special Session will follow with the following sections:

- Education: History-Needs and Perspectives of Geoinformatics Studies in the Agriculture and the Environment.
- Presentation of an Integrated Geoinformatic Digital Agriculture: Nemea Vineyard.
- Roundtable, where discussions will be held with lectures-placements by representatives of public bodies, companies-private entities, professional associations on the penetration of digital technologies to all those involved in primary production (private and public sector, farmers, etc.). for a spatially and temporally defined agriculture in Greece, a prerequisite for our proper transition to Georgia 4.0.

With the three previous sections and in particular through the presentation of today's undergraduate and postgraduate education at AUA and the actual implementation of the integrated digital, spatially defined, agriculture (Nemea Spacetime Observatory) at various scales (from management zones to agricultural land level and the "precision" agriculture,) participants will apprehend the current extent of spatial digital technologies in practice, the problems, the prospects and the necessary knowledge and skills for the successful digital transformation, on a spatial basis, of greek agriculture.

The special session will conclude with the first Meeting of Graduates of Postgraduate Studies in Geoinformatics.

The Conference's scientific program is developed in **2 official lectures** by Mr.Victor Alchanatis and Mr.Phaedon Kyriakides, **48 oral scientific papers** divided into **7 sessions**, **17 scientific posters**, **4 educational workshops**, and **Sessions-Presentations by sponsoring companies**.

Submitted papers generally focus on the use of GIS capabilities, web technologies and Spatial Analysis methods in:

- spatial digital farm management
- protection of crop production (enemies-diseases)
- Precision Agriculture and Intelligent Agriculture
- investigating problems related to soil resources and land evaluation
- addressing water resources issues (irrigation, surface hydrology)
- study and design of urban and suburban green management measures
- natural hazards and natural disasters
- the exploitation of remote sensing data

The aim of all 3 Conferences (2015-2017-2019) is to disseminate the efforts of the greek scientific community in the field of digital geospatial technologies in the agriculture and the environment. This particular year, there is a huge increase in participation, both from the scientific and business worlds, which demonstrates the importance of these sectors to the country's rural development, especially in view of the changes that the new Common Agricultural Policy (CAP) will bring.

23 Conference Sponsors:

Corteva Agriscience, Geotechnical Chamber of Greece, Athens Brewery, Alpha Bank, Marathon Data Systems, Yara Hellas, Foodstandard, Tractor GPS, Eco-development, Ucandrone, Enviroplan, Scientact, Geosense, Getmap, Totalview, Hellenic drones, Ambio, Proactive, Embryo, Evergreen Plan-T, Tree Company, Agroapps, Geosystems Hellas

2 Product Sponsors

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1 Hosting Sponsor

The Stanley Hotel



For more information on the Conference Events you can visit <http://gis2019.aua.gr/> or contact by phone 210 529 4087 or email gis2019@aua.gr.

Registrations are made via the online form, which can be accessed at <http://gis2019.aua.gr/> or during the Conference.

- Wednesday 11/12/2019, hours: 08: 30-10.00
- Thursday 12/12/2019, hours: 08: 30-09: 00
- Friday 13/12/2019, 08: 30-09: 00

It should be noted that for those who work, the Secretariat will be able to register them in the hours after lunch break.

Conference Organizer

Kalivas Dionissios

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