

# Co-operation between

Faculty of Agriculture, Forestry and Natural Environment,  
Aristotle University of Thessaloniki

&

Agrarian Technology Institute,  
Peoples' Friendship University of Russia

## 3rd Students Conference

### Organic Farming

### Remote Sensing of Environment



22

3

2017

14:30  
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20:30

Research Dissemination Center (KEDEA)  
Conference room I  
3rd September, Campus AUTH



## PROGRAMME

## Programme

14:30-15:15 **Registration**

15:15 -15:45 **Opening session**

**Pericles A.Mitkas**, Rector, Aristotle University of Thessaloniki

**Dinitrios Koveos**, Dean, Faculty of Agriculture, Forestry and Natural Environment

**Peter A. Dokukin**, Vice Director of Agrarian Technology Institute of PFYR

**Apostolos Apostolidis**, Head of the School of Agriculture

**Theocharis Zagas**, Head of the School of Forestry and Natural Environment

15:45 -15:50 **Anastasios Dranidis**: Studies in the faculty of Agriculture, in RUDN University

### **A. Session: Organic Farming**

**Chairpersons: Nikos Kouloussis, Podupski Anton**

15:50-16:00 *Plant genetics and genomics in organic farming*

**Kezimana Parfait**, Romanova E.V., Shemlkova E. O. (Agricultural and Technological Institute RUDN, Moscow)

16:00-16:10 *Effect of UV-B radiation on egg hatchability of predator mites (Phytoseiidae)*

**Anastasia Terzidou**, Takeshi Suzuki, Anastasia Kokkari, George Floros, Petros Damos, Nikolaos Kouloussis and Dimitris Koveos (Laboratory of Entomology, School of Agriculture)

16:10-16:20 *Organic tea production in the subtropical zone of the Krasnodar region in Russia*

**Sedelnikova O.V.**, Gresis V.O. (Agricultural and Technological Institute RUDN, Moscow)

16:20-16:30 *In vitro and in vivo study of biological control traits in beneficial rhizobacteria*

**Kandylas Ioannis**, Gkioura Anna, Kamou Nathalie and Anastasia Lagopodi (Plant Pathology Laboratory, School of Agriculture)

16:30-16:40 *Features of wheat production using organic farming*

**Larichkina I. S.** (Agricultural and Technological Institute RUDN, Moscow)

16:40-16:50 *Evaluation of Recombinant Lines in Tomato for cultivation under Low Input conditions*

**Rafail Tagiakas**, Athanasios Mavromatis (Lab of Genetics and Plant Breeding, School of Agriculture Aristotle University of Thessaloniki)

16:50-17:00 *Forest food: Innovation in edible landscaping*

**Mizrukina Yana** (Agricultural and Technological Institute RUDN, Moscow)

- 17:00-17:10 *Residual effect of sewage sludge stabilized with steel making slag on certain soil properties*  
**Athanasios Balidakis** and Theodora Matsi, (Soil Science Laboratory, Faculty of Agriculture, Aristotle University of Thessaloniki)
- 17:10-17:20 *Problems in transfer to organic farming in Zambia*  
**Kalunga Bright**
- 17:20-17:30 *In vitro regeneration, rooting and acclimatization in tomato*  
**V.S. Titeli**, I. Nianiou-Obeidat (Department of Genetics and Plant Breeding, School of Agriculture, Forestry and Natural Environment, Aristotle University of Thessaloniki)
- 17:30-17:40 *Effect of host plant on the predator mite *Phytoseiulus persimilis**  
**Stella Kontzidou**, Georgia Brachou, Anastasia Kokkari, George Floros and Dimitris Koveos (Laboratory of Entomology, School of Agriculture)
- 17:40-18:20 **Coffee Break**

## **B. Session: Remote Sensing of Environment**

**Chairpersons: Peter A. Dokukin, Philippos Aravanopoulos**

- 18:10-18:20 *GIS applications in agricultural economics*  
**Grammatiki Ioanna**, Moulogianni Christina, Bournaris Thomas (Department of Agricultural Economics, School of Agriculture, Faculty of Agriculture, Forestry and Natural Resources, Aristotle University of Thessaloniki)
- 18:20-18:30 *The creating agrochemical cartograms of the land*  
**Barinova Anna** (Agricultural and Technological Institute RUDN, Moscow)
- 18:30-18:40 *Evaluation of spatial interpolation methods for mapping the degraded soils of Xanthi (Greece)*  
**Evdokia Karastogianni**, George Bilas, and Thomas Alexandridis (Lab of Remote Sensing and GIS, Faculty of Agriculture, Aristotle University of Thessaloniki)
- 18:40-18:50 *The estimation of accuracy for orthophoto, obtained from an unmanned aerial with a wide-angle camera*  
**Volikhina Anastasia** (Agricultural and Technological Institute RUDN, Moscow)
- 18:50-19:00 *Harmonization of Forest Management Data*

**Dimosthenis Grigoroudis**, Dimitris Iatropoulos, Christos Kalogeropoulos, Thomas Katagis, Ioannis Z. Gitas (Laboratory of Forest Management and Remote Sensing, School of Forestry and Natural Environment, Aristotle University of Thessaloniki)

- 19:00-19:10 *The analysis of time series for deformations of the local satellite geodetic network*  
**Ashurbekova Dariya** (Agricultural and Technological Institute RUDN, Moscow)
- 19:10-19:20 *Evaluation of spectral indices efficiency in burned area mapping using Object-Based Image Analysis*  
**Stefanos Papaiordanidis**\*<sup>1</sup>, Maria Tompoulidou<sup>2</sup>, Panagiotis Lefakis<sup>1</sup>, Ioannis Z. Gitas<sup>2</sup> ( Laboratory of Forest Policy, School of Forestry and Natural Environment, Aristotle University of Thessaloniki, <sup>2</sup> Laboratory of Forest Management and Remote Sensing, School of Forestry and Natural Environment, Aristotle University of Thessaloniki)
- 19:20-19:30 *Interpretation of planar soil erosion according to the data obtained with the use of uav*  
**Li K. A.** <sup>1</sup>, **Vernyuk Yu. U.** <sup>2</sup>, **D. Parpura**<sup>1</sup> (1Agricultural and Technological Institute RUDN, Moscow, 2 Soil Institute. V.V. Dokuchaeva)
- 19:30-19:40 *Object-Based Image Analysis of Ikonos-2 imagery for the composition of Land Cover and Land Use Maps of Spatial Planning Interest*  
**Doundoulakis**, D. Kaimaris
- 19:40-19:50 *Monitoring of real estate objects by material received with unmanned aerial*  
**Limonov Anatoliy, Gavrilova Larisa, Jiltsova Ekaterina, Kiriakos Orestis**
- 19:50-20:00 *The application of new technologies in Remote Sensing and the use of Augmented Reality (AR) method, resulting in the digital 3D navigation in the municipality of Thessaloniki,*  
**Giaples Georgios**, Kaimaris Dimitrios