

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

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*¹, Maria Tompoulidou², Panagiotis Lefakis¹, Ioannis Z. Gitas² (Laboratory of Forest Policy, School of Forestry and Natural Environment, Aristotle University of Thessaloniki, ² 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. ¹, **Vernyuk Yu. U.** ², **D. Parpura**¹ (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