

Co-operation between

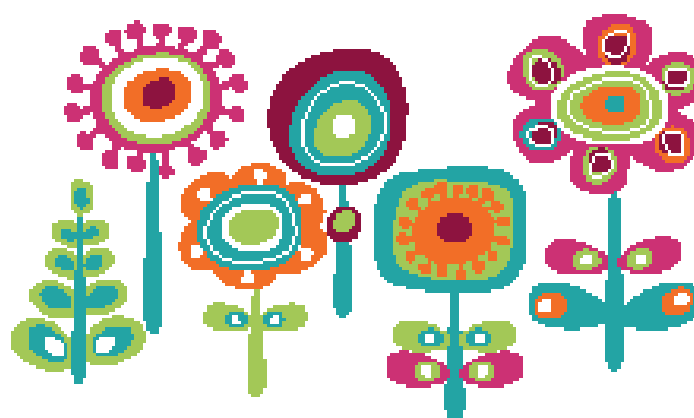
Faculty of Agriculture, Forestry and Natural Environment,
Aristotle University of Thessaloniki

&

Agrarian Technology Institute,
Peoples' Friendship University of Russia

5th Students Conference

Organic Farming Remote Sensing of Environment



14 3 2018

14:30
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19:00

Faculty of Agriculture,
Forestry and Natural Environment
Conference Room, 1st floor
Campus Aristotle University of Thessaloniki



PROGRAMME

Programme

14:30-15:00 **Registration**

15:00 -15:30 **Opening session**

Theodoros Laopoulos, Vice Rector for Research & Coordination,
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

Christos Dordas, Head of the School of Agriculture

Theocharis Zagis, Head of the School of Forestry and Natural Environment

A. Session: Organic Farming

Chairpersons: Nikos Kouloussis, Chamyrliov George

15:30-15:40 *Influence of biological preparations on the productivity of potatoes in arid conditions in The Russian*

Mizrukhina Iana (Agricultural and Technological Institute RUDN, Moscow)

15:40-15:50 *Software development for precision irrigation scheduling*

V. Mademli, D. K. Karpouzou and P. E. Georgiou

15:50-16:00 *Problems of maintenance of viability of the garden strawberry (Fragaria a pineapple) in vitro.*

Sedelnikova Olga (Agricultural and Technological Institute RUDN, Moscow)

16:00-16:10 *Functional response of the predatory mite Amblyseius californicus on the spider mite Tetranychus viennensis under different temperatures*

H. Giakoumi, Ant. Andrianou, N. Ageridis K. Charaktsis and D. Koveos.
(Laboratory of Entomology, School of Agriculture)

16:10-16:20 *Increase of SOI fertility in the Volgograd region.*

Atmatchian Gaik. (Agricultural and Technological Institute RUDN, Moscow)

16:20-16:30 *The Effect Of Variable Irrigation On Water Status And Grape Composition Of Vitis Vinifera L. Cv. 'Xinomavro'*

G. Ampelas, S. Theocharis, E. Zioziou, N. Nikolaou And S. Koundouras

16:30-17:00 **Coffee Break**

B. Session: Remote Sensing of Environment

Chairpersons: Peter A. Dokukin, Ioannis Gitas

- 17:00-17:10 *Detecting the land use dynamic by satellite image time series.*
Ashurbekova Daria. (Agricultural and Technological Institute RUDN, Moscow)
- 17:10-17:20 *Genetic analysis and genetic monitoring of fir at different spatial scales*
Tourvas N & FA Aravanopoulos (Aristotle University of Thessaloniki, Department of Forestry and Natural Environment, Laboratory of Forest Genetics and Tree Breeding)
- 17:20-17:30 *Analysis of possibilities to recognize arable land plots based on remote sensing data with different spatial resolution using two test regions: Baskan district of Kabardino-Balkaria, and Plavsk district of Tula region*
Zabara Ameer. (Agricultural and Technological Institute RUDN, Moscow)
- 17:30-17:40 *Crisis communication during natural disasters*
Triantafyllia Ismailai , Nikolaos Panagiotou
- 17:40-17:50 *Automated burned area mapping using Sentinel-2 imagery*
Nikos Georgopoulos, Dimitris Stavrakoudis, Ioannis Z. Gitas (Laboratory of Forest Management and Remote Sensing, School of Forestry and Natural Environment, Aristotle University of Thessaloniki)
- 17:50-18:00 *Spectroscopy (Vis-NIR) for Assessing Soil Heavy Metals Concentrations Determined by two Different Analytical Protocols, Based on ISO 11466 and ISO 14869-1*
Theodora Angelopoulou & George Zalidis