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**Conference Programme**

*Under the auspices of:*

**International Scientific Committee**

**International Members**

**Arapis Gerassimos / Greece***\_ Department of Crop Science - Agricultural University of Athens*

**DeRuiter Peter /Netherlands \_** *Institute for Biodiversity and Ecosystem Dynamics – University of Amsterdam*

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**Kephaliacos Charilaos / France \_** *National Teacher Training School in Agronomy*

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**Markert Bernd / Germany**\_Environmental Institute of Scientific Networks (EISN-Institute)

**Mattiello Silvana / Italy** *\_ Department of Animal Science, University of Milan*

**Mendes Moreira Pedro Manuel / Portugal *\_*** *Escola Superior Agrária de Coimbra (ESAC)-Instituto Politécnico de Coimbra*

**Pedersen Søren Marcus / Denmark** *\_ Section for Production, Markets & Policy - Copenhagen University*

**Peeters Alain / Belgium** *\_ RHEA - natural Resources, Human Environment and Agronomy*

**Rae Jon / USA** *\_ Schumacher College*

*Research Centre*

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**Suso María José / Spain** *\_ Institute for Sustainable Agriculture – Spanish National Research Council*

**Tornaghi Chiara / UK *\_*** *Centre for Agroecology, Water and Resilience (CAWR)*

**Vellidis George / USA \_** *Crop and Soil Sciences Department - University of Georgia*

**Vicente Oscar / Spain** \_ *Department of Biotechnology - Polytechnic University of Valencia (UPV)*

**Wright Angela / UK \_** *Compassion in World Farming*

**National Members**

**Bebeli Penelope / Greece** *\_ Department of Crop Science - Agricultural University of Athens*

**Bilalis Dimitris / Grece** *\_ Department of Crop Science - Agricultural University of Athens*

**Economou Garifalia / Greece***\_ Department of Crop Science - Agricultural University of Athens*

**Fountas Spyros / Greece *\_*** *Department of Natural Resources Management & Agricultural Engineering - Agricultural University of Athens*

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**Nikolaidis Nikolaos / Greece** *\_ Department of Environmental Engineering - Technical University of Crete*

**Papadakis George / Greece *\_*** *Department of Natural Resources Management & Agricultural Engineering - Agricultural University of Athens*

**Paravantis John / Greece***\_ Department of International & European Studies - University of Piraeus*

**Perdikis Dionysios / Greece***\_ Department of Crop Science - Agricultural University of Athens*

**Rozakis Stelios / Grece \_** *Environmental Engineering Dept.- Technical University of Crete*

**Saitanis Constantinos / Greece***\_ Department of Crop Science - Agricultural University of Athens*

**Savvas Dimitris / Greece***\_ Department of Crop Science - Agricultural University of Athens*

**Sigrimis Nick / Greece *\_*** *Department of Natural Resources Management & Agricultural Engineering - Agricultural University of Athens*

**Thanopoulos Rhoikos / Greece *\_*** *Department of Farm Management -Agricultural University of Athens*

**Veresoglou Dimitrios / Greece \_** *School of Agriculture - Aristotle University of Thessaloniki*

**Vlahos George / Greece \_** *Department of Agricultural Economics & Rural Development - Agricultural University of Athens*

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| ***Venue:*** | *Agricultural University of Athens (AUA), 75 Iera odos str., 118 55, Athens-Greece* |
| ***Room:*** | *General Purposes' Room of the Administration Building. – Agricultural University of Athens* |
| ***Language:*** | *English* |
| ***Info :*** | ***agroecology2016@gmail.com*** |

**Agenda**

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| **Day 1 (October 3rd, 2016)** |
|  | **Opening of the conference – Welcome reception** |
| **9:00-10:00** | **Registration – Welcome coffee** |
| **10:00-10:15** | **Opening****Rector or Vice Rector,** *Agricultural University of Athens (AUA)***Prof. Gerassimos Arapis**, *Agricultural University of Athens (AUA)*  |
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| **10:00-13:00** | **Session 1: Ecology** **Moderator: Prof. George Vlahos,** *Department of Agricultural Economics & Rural Development - Agricultural University of Athens* |
| 10:00-11:20 | **Effect of Spinosad and Spinetoram on Ground-Dwelling Spider, Mite, Coleopteran, Collembolan, Ant and Harvestmen Communities***F. G. Lefkaditis, N. G. Kavallieratos, C. G. Athanassiou, G. D. Arapis***Response of organic Camelina sativa crop under different tillage systems and fertilization types***F. Angelopoulou, E. Anastasiou, S. Fountas, D. Bilalis***A photosynthetic biosensor for the detection of PSII herbicides using immobilized thylakoids of the bioindicator Lemna minor on screen printed electrodes***A.C. Mouzaki-Paxinou, E. Flampouri, S. Mavrikou, S. Kintzios, G. Arapis****Discussion*** |
| 11:20-11:30 | ***Coffee break*** |
| 11:30-13:00 | **Bayesian decision support tools for cost-effective environmental abatement on dairy farms***S. Nisonen***Impact of organic practices on greenhouse gas emissions by three local faba bean landraces***V. Vougeleka, G. Ntatsi, V.A. Pappa., P.J. Bebeli.,C. Saitanis., G. Arapis.,D. Savvas***Enhancing plant nutrition via S0-based rhizosphere engineering – Convertion of conventional commercial fertilizer beads to functional ones by coating them with elemental sulfur via a new eco-friendly technology***S. Chorianopoulou, A. Venieraki, G. I. Saridis, F. Maniou, M. Margetis, P. Sigalas, H. Mavrogiannis, D. Benardos, P. Katinakis, D. Bouranis***Discussion** |
| **13:00-14:00** | ***Lunch*** |
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| **14:00-17:00** | **Session 2: Agroecology****Moderator: Scientific Committee Member (tbc)** |
| 14:00-15:20 | **Invasive weeds and herbicide resistance: the case of Conyza spp. in Greece***I.S. Travlos, D. Bilalis, Ch. Gavrielatos***Antiparasitic activity of tannin-rich Mediterranean plants against sheep gastrointestinal nematodes: in-vitro studies***K. Saratsi, Z. Paris, I. Hadjigeorgiou, S. Sotiraki***Socio-economic and cultural aspects of the assessment of livestock breeds' risk status and trends***Ch. Ligda, E. Sturaro, E. Charvolin, M. Castellanos, Z. Duchev, S. Winkel, F. Afonso, M. Cornejo, G. Gandini, E. Verrier****Discussion*** |
| 15:20-15:30 | ***Coffee break*** |
| 15:30-17:00 | **The role of Agroecology to promote sustainable schemes of Agrotourism and Ecotourism***C. Fostieri***Dry-stone buildings supporting biodiversity in rural areas***E. Stathopoulou***Agroecology principles adoption in dairy industry of Greece: Actions for the GAIA project***I. Hadjigeorgiou, E. Fortatos, T. Chatzigeorgiou, G. Zervas* **Discussion** |
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| **Day 2 (October 4th, 2016)** |
| **10:00-13:00** | **Session 3: Environmental Health Monitoring and Protection** **Moderator: Prof. Silvana Mattiello** *\_ Department of Animal Science, University of Milan* |
| 10:00-11:20 | **Developing a strategy for landraces’ on farm conservation***R. Thanopoulos, P.J. Bebeli***A toxicogenomics approach for the monitoring of environmental health using Lemna minor L. as the model biological system***S. Kostopoulou, K.A. Aliferis, G. Arapis***Accuracy of Pitfall-Traps in Estimating Density of Ground-Dwelling Arthropods under Treatment with Spinosyns and Chlorpyrifos: a Field Study***F. G. Lefkaditis, C. G. Athanassiou, N. G. Kavallieratos, G. D. Arapis****Discussion*** |
| 11:20-11:30 | ***Coffee break*** |
| 11:30-13:00 | **The EU Regulation Nr. 2283/2015 on Novel Food: The Official Control of the Engineered Nanomaterials Food to Guarantee Public Health and Safety and Protection of the Environment***G. Ruffo, P. Fossati***The Importance of Hippocrates Medicinal Plants (MPs) as Phytochemical Pool** *E. Fanouriou, E. Gavriil.,P. Tarantilis, K. Sotirakoglou, P. Trigas, D. Kalivas, G. Economou***Application of the microdialysis technique for monitoring low molecular weight compounds in soils: a non-targeted and targeted profiling in the organic horizon of a boreal forest***D. Randewig, J. Marshall, S. Jämtgård, T. Näsholm***Discussion** |
| **13:00-14:00** | ***Lunch*** |
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| **14:00-17:00** | **Session 4** |
|  | **Session 4-1: Round Table “Sustainable development of Agrotourism and Ecotourism in Greece”****Moderator: Professor Gidarakou Isabella \_** *Dept. of Agricultural Economics and Rural Development, Agricultural University of Athens.***Participants**:**Professor Migiros George** *\_ Mineralogy and Geology Laboratory of the Agricultural University of Athens***Patras Panagiotis** *\_ Agroeconomist / Trikala Development Company, Greece***Moros Konstantinos** *\_ Amfikaia Agro/Ecotouristic Farm, Greece***Minotou Charikleia** \_ *WWF Representative, Greece* Representative of the **Ministry of Agriculture**, Greece (TBC)**Hellenic National Tourism Organization** Representative (TBC)**Piraeus Bank** Representative (TBC) |
|  | **Session 4-2: Posters’ presentation**  |
|  | **Session 4-3: Conclusions & Way Forward****Prof. Gerassimos Arapis**, *Agricultural University of Athens (AUA)* |