



Athens Institute for Education and Research

8th Annual International Conference on Agriculture

3rd Annual International Conference on Ecology, Ecosystems and Climate Change

3rd Annual International Forum on Water

13-16 July 2015, Athens, Greece

Organized by ATINER's Natural & Formal Sciences Research Division

Conference Venue: [Titania Hotel](#), 52 Panepistimiou Street, 106 78 Athens, Greece

Monday 13 July 2015

(all sessions include 10 minutes break)

08:30-09:00 Registration and Refreshments

09:00-09:30 (ROOM B) Welcome & Opening Remarks

- Dr. Gregory T. Papanikos, President, ATINER & Honorary Professor, University of Stirling, UK.
- Dr. George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

09:30-11:30 Session I (ROOM B): Crop Growth, Sanitation & Biocontrol I

Chair: George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

1. Stelica Cristea, Professor, University of Agronomic Sciences and Veterinary Medicine, Romania, Stefana Jurcoane, Professor, University of Agronomic Sciences and Veterinary Medicine, Romania, Florentina Matei, Associate Professor, University of Agronomic Sciences and Veterinary Medicine, Romania, Paul Dobre, Associate Professor, University of Agronomic Sciences and Veterinary Medicine, Romania, Anibal Capuano, Technical Director, Camelina Company Espana S.L., Romania & Yuri H. Yambanis, General Director, Camelina Company Espana S.L., Romania. Camelina Pathology - Seed Mycoflora Extension.
2. Gaetan Moreau, Associate Professor, Universite de Moncton, Canada, Charles Comeau, Aquaculture and Fisheries New Brunswick, Canada, Finbarr Horgan, International Rice Research Institute, Philippines, Jean-Philippe Michaud, Royal Canadian Mounted Police, Canada & Jean-Pierre Prive, Plant Medic Inc., Canada. Effects of Perturbations on Ecological Services Provided by Heterotrophic Insects in Temperate and Tropical Agroecosystems.
3. M. Claudia Diez, Associate Professor, Universidad Nacional de Colombia Sede Medellin, Colombia, Flavio Moreno, Associate Professor, Universidad Nacional de Colombia Sede Medellin, Colombia & N. Walter Osorio, Associate Professor, Universidad Nacional de Colombia Sede Medellin, Colombia. Effect of Fertilizer Application on Flowering and Fruiting of Vanilla (*Vanilla Planifolia* Jacks. Ex Andr.).
4. Gyula Oros, Senior Researcher, Plant Protection Institute HAS, Hungary, Zoltan Naar, Plant Protection Institute HAS, Hungary, Ester R. Eszeki, Plant Protection Institute HAS, Hungary & Donat Magyar, Plant Protection Institute HAS, Hungary. The Experience of Development of Fungicidal Preparations Based on *Trichoderma* Species.
5. Makhosi Buthelezi, Researcher, Mangosuthu University of Technology, South Africa, Desmond Conlong, Senior Entomologist, Senior Lecturer, South African Sugarcane Research Institute, 2 University of KwaZulu-Natal, South Africa & Godfrey Zharare, Senior Lecturer, University of Zululand, South Africa. Seasonal Monitoring of the Incidence and Flight Activity of the Groundnut Leaf Miner (*Aproaerema* sp.) at Five Sites in South Africa.
6. Ferenc Pal-Fam, Associate Professor, Kaposvar University, Hungary, Richard Hoffmann, Lecturer, Kaposvar University, Hungary & Sandor Keszthelyi, Associate Professor, Kaposvar University, Hungary. The Effect of Diatomaceous Earth on Tomato Yield in Horticultural Cultivation.

09:30-11:30 Session II (ROOM A): Water Uses, Ambiance & Innovation I

Chair: Olga Gkounta, Researcher, ATINER.

1. Namsik Park, Professor and Director of Subsurface Reservoir Research Center, Dong-A University, Korea. A Simulation-Optimization Model for Pumping and Injection wells of a Subsurface Reservoir.
2. *Shlomo Nir, Professor Emeritus, The Hebrew University of Jerusalem, Israel, Nadya Rakovitsky, Ilya Brook & Jaap Van Rijn. Purification of Greywater by a Moving Bed Reactor Followed by a Filter Including a Granulated Micelle-Clay Composite.
3. *Saziye Balku, Associate Professor, Atilim University, Turkey, Magdi Buaisha, Ph.D. Student, Atilim University, Turkey & Seniz Ozalp Yaman, Associate Professor, Atilim University, Turkey. An Optimum Design for Activated Sludge Systems.
4. Ajay Dwivedi, Junior Research Fellow, National Environmental Engineering Research Institute, India, M Suresh Kumar, Sr. Principal Scientist, National Environmental Engineering Research Institute, India & A.N. Vaidya, National Environmental Engineering Research Institute, India. Audit Based Approach for Water Footprint Assessment in a Molasses Based Distillery.
5. Jae Gon Kim, Research Scientist, Korea Institute of Geoscience and Mineral Resources, Korea, Chul-Min Chon & In-Hyun Nam. Magnetite and Birnessite Composite for Treatment of as (III) Contaminated Water.

11:30-13:00 Session III (ROOM B): Education and Economics I	11:30-13:00 Session IV (ROOM A): Animal and Fishery Sciences, Health and Toxicology I
Chair: *Saziye Balku, Associate Professor, Atilim University, Turkey.	Chair: *Shlomo Nir, Professor Emeritus, The Hebrew University of Jerusalem, Israel.
<ol style="list-style-type: none"> 1. Min-Hsien Yang, Professor, Feng Chia University, Taiwan. Total Factor Productivity Growth and Convergence Testing in Asian Agriculture under Open Economy. 2. <u>Christopher J. Moon</u>, Senior Lecturer and Ecopreneur, Middlesex University, U.K. & <u>Joseph Gebbels</u>, Independent Agricultural Advisor, U.K. The Role of Universities in the Provision of Corporate Social Responsibility and Ethics Teaching in the Agricultural Sector. 	<ol style="list-style-type: none"> 1. <u>Jose Edgar Zapata Montoya</u>, Professor, Universidad de Antioquia, Colombia, Natalia Andrea Gomez Grimaldos, Professor, Universidad de Antioquia, Colombia & Leidy Johana Gomez Sampedro, Professor, Universidad de Antioquia, Colombia. Time of Hydrolysis as Function of Substrate Concentration and Enzyme/Substrate Ratio in the Kinetic of Enzymatic Hydrolysis of Bovine Plasma Protein. 2. <u>Babitha Vazhoor</u>, Assistant Professor, Kerala Veterinary and Animal Sciences University, India, Dildeep Varadan, Assistant Professor, Kerala Veterinary and Animal Sciences University, India, G. Taru Sharma, Principal Scientist, Deemed University, India & Mihir Sarkar, Principal Scientist, Deemed University, India. Expression and Localization of Vascular Endothelial Growth Factor and Its Receptors in the Ovarian Follicle during Estrous Cycle of Water Buffalo (Bubalus Bubalis). 3. <u>Asbjorn Bergheim</u>, Senior Researcher, IRIS – International Research Institute of Stavanger, Norway & Arve Nilsen, NVI – Norwegian Veterinary Institute, Norway. Intensification of Salmonid Aquaculture. 4. Yinping Wang, Ph.D. Student, Nanjing Institute of Geography and Limnology, China. The Fate of ¹⁵N-Enriched Cyanobacteria Feed by Planktivorous Fish in an Enclosure Experiment: A Stable Isotope Tracer Study.

13:00-14:00 Lunch

14:00-15:30 Session V (ROOM B): Policies, Organizations and Planting Systems I	14:00-15:30 Session VI (ROOM A): Climate Change and Environment I
Chair: Stelica Cristea, Professor, University of Agronomic Sciences and Veterinary Medicine, Romania	Chair: Gaetan Moreau, Associate Professor, Universite de Moncton, Canada.
<ol style="list-style-type: none"> 1. Florencia Charito Sebastian, Associate Professor, University of the Philippines, Philippines. Examination of the Philosophy of Cooperative Action as Applied to Philippine Community Forestry. 2. Kunpeng Yi, Postdoc, Institute of Remote Sensing and Digital Earth, Chinese Academy Sciences, China. Farmer Participation Network Platform towards Crop Observation and Sample Data Collection. 3. <u>Giedre Samuoliene</u>, Senior Researcher, Lithuanian Research Centre for Agriculture and Forestry, Lithuania, Alina Ceidaite, Ph.D. Student, Lithuanian Research Centre for Agriculture and Forestry, Lithuania, Ramunas Sirtautas, Researcher, Lithuanian Research Centre for Agriculture and Forestry, Lithuania & Darius Kviklys, Senior Researcher, Lithuanian Research Centre for Agriculture and Forestry, Lithuania. Physiological Aspects of Biennial Bearing by Manipulating Crop Load in Apple Tree. 4. Slimane Bedrani, Professor, Ecole Nationale Supérieure Agronomique, Algeria. Food Security in Algeria. 	<ol style="list-style-type: none"> 1. <u>Dace Grauda</u>, Associate Professor and Leading Researcher, University of Latvia, Latvia, Inta Belogrudova, Researcher, Institute of Biology, University of Latvia, Latvia, Isaak Rashal, Head of the Laboratory, University of Latvia, Latvia & Lada Bumbure, Researcher, Riga Technical University, Latvia. The Influence of Low Frequency Electromagnetic Field on Plant Cells. 2. <u>Flavio Moreno</u>, Associate Professor, Universidad Nacional de Colombia Sede Medellín, Colombia, M. Claudia Diez, Associate Professor, Universidad Nacional de Colombia Sede Medellín, Colombia & Edison Gantiva, M.Sc. Student, Universidad Nacional de Colombia Sede Medellín, Colombia. Effects of Light Intensity on the Morphology and CAM Photosynthesis of <i>Vanilla Planifolia</i> Andr. 3. <u>Ju Young Lee</u>, Senior Researcher, Korea Institute of Science and Technology, South Korea, Hak Cheol Kwon, Principle Researcher, Korea Institute of Science and Technology, South Korea, Su-Nam Kim, Principle Researcher, Korea Institute of Science and Technology, South Korea, Jae Wook Lee, Principle Researcher, Korea Institute of Science and Technology, South Korea, Jin-Soo Park, Jin Wook Cha, Principle Researcher, Korea Institute of Science and Technology, South Korea, Min Jung Lee, Senior Researcher, LED-IT Fusion Technology Research Center, Yeungnam University, South Korea. Ecological Relationships between Habitat Conditions, Plant Diversity and Geographic Location on the National Park, South Korea. 4. Ming Luo, Postdoctoral Fellow, The Chinese University of Hong Kong, Hong Kong. Multiscaling Behavior in Global Dry/Wet Conditions. 5. Xin Zhao, Chief Engineer, Changjiang River Scientific Research Institute, China. A 3D Modeling for Eutrophication in the Daning River, Three Gorges Reservoir Area, China. 6. Maysa Hatata, Assistant Professor, Alexandria University, Egypt. Functional and Ultrastructural Changes of the Photosynthetic Apparatus in Leaves of Broad Bean Plants (<i>Vicia faba</i> L) in Response to Cd and Zn Interaction.

15:30-17:00 Session VII (ROOM B): Crop Growth, Sanitation & Biocontrol II	15:30-17:00 Session VIII (ROOM A): Water Uses, Ambiance & Innovation II
Chair: Joseph Gebbels, Independent Agricultural Advisor, U.K.	Chair: Florencia Charito Sebastian, Associate Professor, University of the Philippines, Philippines.
<ol style="list-style-type: none"> 1. <u>Lilliana Hoyos-Carvajal</u>, Professor, Universidad Nacional de Colombia, Colombia, S. Espinosa, Espinosa, S., Quiroz, I., Silva, M., Maya, M. F., Mercado, C., Quiroz, J.A. & Santos, A., Universidad Nacional de Colombia, Colombia. A Case of Biocontrol of Invasive Plague in Colombian Seaflower Biosphere Reserve. 2. <u>Hemmatollah Pirdashti</u>, Scientific Member, Sari Agricultural Sciences and Natural Resources University, Iran, Zahra Nouri, MSc. Student, Sari Agricultural Sciences and Natural Resources University, Iran, Valiollah Ghasemi Omran, Assistant Professor, Sari Agricultural Sciences and Natural Resources University, Iran & Yasser Yaghoubian, Ph.D. Student, Ramin Agricultural and Natural Resources University, Iran. Effect of Salt Stress on Some Physiological and Morphological Parameters of Stevia (<i>Stevia Rebaudiana</i> B.) Medicinal Plants under Controlled Conditions. 	<ol style="list-style-type: none"> 1. <u>Eva Ramos Martinez</u>, Ph.D. Student, IMM-FluIng, Universitat Politècnica de Valencia, Spain, Manuel Herrera, Research Associate, Imperial College of London, U.K., Joaquin Izquierdo, Professor, IMM-FluIng, Universitat Politècnica de Valencia, Spain & Rafael Perez Garcia, Professor, IMM-FluIng, Universitat Politècnica de Valencia, Spain. Multi-Agent Approach to Biofilm Development in Water Supply Systems. 2. <u>Juan Grima</u>, Researcher, Instituto Geológico y Minero de España, Spain & Bruno Ballesteros, Head of Valencia Unit, Instituto Geológico y Minero de España, Spain. Characterization of Wetlands and its Relationship to Groundwater in a Semiarid Mediterranean Environment.

17:00-18:30 Session IX (ROOM B): Crop Science, Biotechnology & Diseases I	17:00-18:30 Session X (ROOM A): Water Resources and Quality I
Chair: Dace Grauda, Associate Professor and Leading Researcher, University of Latvia, Latvia.	Chair: Olga Gkounta, Researcher, ATINER.
<ol style="list-style-type: none"> 1. Alfonso Larque-Saavedra, Professor, Scientific Research Center of Yucatan, Mexico. Prehispanic Biotechnology in Mexico. 2. Yong Hoon Lee, Professor, Chonbuk National University, Korea. <i>Proteus Vulgaris</i> JBL5202 Modulated Phenotypes of <i>Arabidopsis Thaliana</i> and its Rhizosphere Microbiome. 3. *<u>Bao-Luo Ma</u>, Research Scientist, Agriculture and Agri-Food Canada, Canada, Wei Wu, Agriculture and Agri-Food Canada & Sumei Yao, Agriculture and Agri-Food Canada. Sensing Root Electrical Capacitance for Delineating Canola Genotypic Differences in Response to Heat and Drought Stresses. 4. *Ayman Mostafa, Faculty Member, University of Arizona, USA. Reestablishing IPM Recommendations for Key Insect Pests of Alfalfa Hay in the Low Desert of Southwestern the U.S. 5. Masarrat Mohamed Abdel Aziz Migahid, Professor, Alexandria University, Egypt, Amal Mohamed Fakhry, Alexandria University, Egypt & Azhar El-nouby Ahmad. Herbicidal Activity of <i>Asphodelus Microcarpus</i> against Selected Weed Species (<i>Chenopodium Album</i>) of Wheat (<i>Triticum Aestivum</i>). 	<ol style="list-style-type: none"> 1. *Joseph Dellapenna, Professor, Villanova University, USA. Patterns of Water Law. 2. <u>Assia Meziani</u>, Assistant Professor, University of El-Oued, Algeria, Boualam Remini, University of El-Oued, Algeria & Djamel Boutaotaou, University of El-Oued, Algeria. Evaporation of Dam Lakes in Arid Region - Algeria. 3. Gabriel Minea, Researcher, National Institute of Hydrology and Water Management, Romania. Hydrological Effect of Land Use at Plot Scale. 4. Mariem Makhlof, Ph.D. Student, National Agronomic Institute of Tunis, Tunisia, Ali Chebil, Researcher, The International Center for Agriculture Research in the Dry Areas, Tunisia, Aymen Frija, Researcher, The International Center for Agriculture Research in the Dry Areas, Jordan, Talel Stanboui, Teacher-Researcher, Higher School of Agriculture Mograne, Tunisia, Asma Souissi, Ph.D. Student, Higher School of Agriculture Mograne, Tunisia & Abdallah Benalaya, Professor, Higher School of Agriculture Mograne, Tunisia. Quantification of Virtual Water Flows Embedded in the Exchanged Agricultural Commodities of Tunisia. 5. <u>Melissa Baker</u>, Lecturer, University of South Africa, South Africa & Kevin Mearns, Professor, University of South Africa, South Africa. Using Sustainable Tourism Indicators to Manage Scarce Water Resources in the Namibian Tourism Industry: the Case of two Wilderness Safaris Camps in Namibia. 6. <u>Temesgen Enku</u>, Ph.D. Student, Bahir Dar University, Ethiopia, Assefa M. Melesse, Florida International University, USA, Essayas K. Ayana, Bahir Dar University, Ethiopia, Seifu A. Tilahun, Bahir Dar University, Ethiopia, Gete Zeleke, Water and Land Resource Centre, Ethiopia & Tammo S. Steenhius, Cornell University, USA. Watershed Storage Dynamics in the Upper Blue Nile Basin: The Anjeni Experimental Watershed, Ethiopia.

18:30-20:00 Session XI (ROOM B): Animal and Fishery Sciences, Health and Toxicology II	18:30-20:00 Session XII (ROOM A): Climate Change and Environment II
Chair: *Bao-Luo Ma, Research Scientist, Agriculture and Agri-Food Canada.	Chair: *Ayman Mostafa, Faculty Member, University of Arizona, USA.
<ol style="list-style-type: none"> 1. <u>Sangho Moon</u>, Professor, Konkuk University, South Korea, Nayeon Kim, Sungjin Kim & Seyeoung Jang, Konkuk University, South Korea. Effects of Growth Stage and Season on the Behavioural Characteristics in Hanwoo (<i>Bos taurus coreanae</i>) Steer. 2. Milena Bozhilova-Sakova, Ph.D. Student, University of Forestry, Bulgaria. PCR-RFLP Analysis of CAST Gene in one Bulgarian Sheep Breed. 3. <u>Nicola Decaro</u>, Associate Professor, University of Bari, Italy, Leonardo Occhiogrosso, Post-doc, University of Bari, Italy, Mariastella Lucente, Post-doc, University of Bari, Italy, Viviana Mari, Post-doc, University of Bari, Italy, Gabriella Elia, Associate Professor, University of Bari, Italy, Eleonora Lorusso, Post-doc, University of Bari, Italy & Canio Buonavoglia, Professor, University of Bari, Italy. Emerging Pestiviruses and Impact on Animal Production. 	<ol style="list-style-type: none"> 1. *Mordechai Shechter, Senior Research Fellow, University of Haifa, Israel. Economic Aspects of Adaptation to Climate Change: Findings of Israel's Climate Change Information Center (ICIC). 2. Hassan Ahmadi, Faculty Member, Islamic Azad University, Roudehen Branch, Iran. Effect of Upstream Slope and Curvature of Spillway Crest on Occurrence of Cavitation on Ogee Spillways. 3. *<u>Wa'd Odeh</u>, Master Student, Ben-Gurion University of the Negev, Israel, Shai Arnon, Lecturer, Ben-Gurion University of the Negev, Israel, Alon Tal, Associate Professor, Ben-Gurion University of the Negev, Israel, Alfred Abd Rabbo, Chairman of Chemistry Department, Bethlehem University, Palestine & Nader Al Khatib, Director, Water & Environmental Development, Organization (WEDO), Bethlehem University, Palestine. Occurrence and Fate of EDCs in Wastewater and Aquatic Environments in the West Bank of Palestine.

21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 14 July 2015

08:00-10:00 Session XIII (ROOM B): Education and Economics II	08:00-10:00 Session XIV (ROOM A): Climate Change and Environment III
Chair: *Joseph Dellapenna, Professor, Villanova University, USA.	Chair: George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.
<ol style="list-style-type: none"> 1. Phenchan Whijitara, Agricultural Research Officer, Ministry of Agriculture and Cooperatives, Thailand. Good Practices on Pineapple 'Trat Si Thong' Production in Eastern Thailand. 2. <u>Phineas Khazamula Chauke</u>, Associate Professor, Head of Department Agricultural Economics and Agribusiness and Land Bank Chair of Agriculture School of Agriculture, University of Venda, South Africa. Teachers' Perceptions Regarding Curriculum Evolvment, Infrastructure Provision and Quality Enhancement in Limpopo Province, South Africa. 3. *<u>Talel Stambouli</u>, Assistant Professor, Ecole Superieure d'Agriculture de Mograne, Tunisia, Benalaya Abdallah, Ecole Superieure d'Agriculture de Mograne, Tunisia, Hammami Rifka, Institut National de la Recherche Agronomique de Tunisie, Tunisia, Laajili-Ghezal Lami, Ecole Superieure d'Agriculture de Mograne, Tunisia & Souissi Asma, Ecole Supérieure d'Agriculture de Mograne, Tunisia. Virtual Water Balance Estimation in Tunisia. 	<ol style="list-style-type: none"> 1. A.J. Stagliano, Professor, Saint Joseph's University, USA. Climate Change Accountability: Do Firms Adequately Disclose the Financial Consequences of the EU-ATS? 2. <u>Junko Yoshida</u>, Graduate Student, Mie University, Japan and Ghent University, Belgium, Hiroshi Ehara, Professor, Mie University, Japan, Norihiko Tomooka, Unit Leader, Genetic Resources Center, National Institute of Agrobiological Sciences, Japan & Hitoshi Naito, Professor, Kurashiki University of Science and The Arts, Japan. Growth and Physiological features of Wild <i>Vigna</i> Species under NaCl Treatment. 3. <u>Bari Hodaj</u>, Lecturer, Agriculture University of Tirana, Albania, Petrit Ramaj, Agriculture University of Tirana, Albania & Ardian Doko, Agriculture University of Tirana, Albania. Phenological Stages and Climatic Adaptation of Hazelnut cv. Visoka. 4. <u>Brian Kelleher</u>, Lecturer, Dublin City University, Ireland, Paul Flanagan, Post-doctoral, Dublin City University, Ireland, Kris Hart, Post-doctoral, Dublin City University, Ireland, Chris Allen, Lecturer, Queens University Belfast, U.K., Andre Simpson, Lecturer, University of Toronto, Canada, Seth Oppenheimer, Lecturer, Mississippi State University, USA, Brian Murphy, Post-doctoral, Dublin City University, Ireland, Shane O'Reilly, Post-doctoral, Dublin City University, Ireland & Sean Jordan, Dublin City University, Ireland. How Does the Addition of Sulphur to Soil Influence Chemosynthesis and Carbon Flux? 5. *<u>Essam Hoballah</u>, Associate Professor, National Research Centre, Egypt, M. Saber, National Research Centre, Egypt, I. Matter, National Research Centre, Egypt & A. Zaghoul, National Research Centre, Egypt. Bioremediation of Polyaromatic Hydrocarbons (PAHs) in a Sewaged Soil by Certain Remediative Amendments followed by Phytoremediation.
10:00-11:30 Session XV (ROOM B): Policies, Organizations and Planting Systems II	10:00-11:30 Session XVI (ROOM A): Crop Science, Biotechnology & Diseases II
Chair: *Talel Stambouli, Assistant Professor, Ecole Superieure d'Agriculture de Mograne, Tunisia.	Chair: *Essam Hoballah, Associate Professor, National Research Centre, Egypt.
<ol style="list-style-type: none"> 1. *Spiro Adamopoulos, Chief Executive Officer, Agricultural Levies Institute of Australia, Australia. Factors Determining Public Good and National Interest Policy in the Australian Agricultural Sector. 2. <u>Lavinia-Mariana Berca</u>, Postdoctoral Researcher, University of Agronomic Science and Veterinary Medicine, Romania & Stelica Cristea, Professor, University of Agronomic Science and Veterinary Medicine, Romania. The Distribution of <i>Alternaria</i> sp. on <i>Brassica napus</i> and <i>Sinapis</i> sp. from the South Region of Romania. 3. <u>Anas Abusada</u>, Researcher, Wageningen University, The Netherlands & Jeroen Warner, Wageningen University, The Netherlands. The Development of a Scientific Plan for the Development of the Agricultural Chain of Production in Palestine. 4. <u>Eva Bozsik</u>, Ph.D. Student, University of Debrecen, Hungary, Janos Raso, Research Assistant, National Agricultural Research and Innovation Centre, Hungary, Peter Riczu, Research Assistant, University of Debrecen, Hungary, Bernadett Galya, Ph.D. Student, University of Debrecen, Hungary, Imre Csiha, Station Manager, National Agricultural Research and Innovation Centre, Hungary & Janos Tamas, Head and Professor, Institute of Water and Environmental Management and University of Debrecen, Hungary. Evaluation of Afforestation Possibilities in One Part of the Great Hungarian Plain. 	<ol style="list-style-type: none"> 1. <u>Zehra Tugba Abaci</u>, Assistant Professor, Ardahan University, Turkey, Emre Sevindik, Assistant Professor, Adnan Menderes University, Turkey, Fatih Coskun, Assistant Professor, Balikesir University, Turkey, Muaviz Ayvaz, Assistant Professor, Adnan Menderes University, Turkey, Huseyin Uysal, Assistant Professor, Adnan Menderes University, Turkey & M. Kemal Avci, Research Assistant, Adnan Menderes University, Turkey. Molecular Systematic Relation ndhF (cpDNA) some of <i>Silene</i> L. Taxa Belonging Auriculatae and Brachypodeae Section Spread in Turkey. 2. <u>Armagan Kaya</u>, Assistant Professor, Adiyaman University, Turkey & Emel Yigit, Associate Professor, Inonu University, Turkey. Effects of Salicylic Acid and Flurochloridone on the Physiological and Biochemical Parameters in <i>Vicia Sativa</i>. 3. <u>Hannah Karuri</u>, Lecturer, Embu University College, Kenya, Ruth Amata, Embu University College, Kenya, Nelson Amugune, Embu University College, Kenya & Charles Waturu, Embu University College, Kenya. Nematode Community Response to Bt Cotton in a Kenyan Field Trial. 4. <u>Inta Belogrudova</u>, Researcher, Institute of Biology, University of Latvia, Latvia, Dace Grauda, Associate Professor and Leading Researcher, University of Latvia, Latvia & Isaak Rashal, Head of the Laboratory, University of Latvia, Latvia. Molecular Methods of Investigation Species of Genetic Diversity Determination in the Urban Area Riga, Latvia. 5. <u>Valentina Obradovic</u>, Lecturer, Polytechnic in Pozega, Croatia, Josip Mesic, Lecturer, Polytechnic in Pozega, Croatia, Brankica Svitlica, Lecturer, Polytechnic in Pozega, Croatia & Maja Ergovic Ravacic, Lecturer, Polytechnic in Pozega, Croatia. Influence of Mycorrhiza and Different Yeast Strains on Physical, Chemical and Organoleptic Properties of Graševina (<i>Vitis Vinifera</i> L.) Wine.

11:30-13:00 Session XVII (ROOM B): Crop Growth, Sanitation & Biocontrol III	11:30-13:00 Session XVIII (ROOM A): Water Resources and Quality II
Chair: Anas Abusada, Researcher, Wageningen University, The Netherlands.	Chair: Hannah Karuri, Lecturer, Embu University College, Kenya.
<ol style="list-style-type: none"> 1. <u>Juan Martínez-Solis</u>, Professor and Researcher, Chapingo Autonomous University, Mexico, Margarita Gisela Pena-Ortega, Professor and Researcher, Chapingo Autonomous University, Mexico & Juan Enrique Rodríguez Perez, Researcher, Chapingo Autonomous University, Mexico. Impact of Fruit and Seed Maturity Stages on Germinability. 2. <u>Tiberius Balaes</u>, Researcher, Alexandru Ioan Cuza University of Iasi, Romania & Catalin Tanase, Professor, Alexandru Ioan Cuza University of Iasi, Romania. Gnicolous Basidiomycete Species Adapted for Biocontrol of Nematodes. 3. <u>Dariusz Panka</u>, Assistant Professor, UTP University of Science and Technology in Bydgoszcz, Poland, Malgorzata Jeske, Assistant Professor, Dariusz Piesik, Associate Professor, Katarzyna Koczwarra, Doctorate Student, Natalia Musial, Doctorate Student, Marcin Juda, Doctorate Student & Karol Lisiecki, Doctorate Student, UTP University of Science and Technology in Bydgoszcz, Poland. Effect of <i>Neotyphodium</i> Endophyte on Defense Reaction of Perennial Ryegrass (<i>Lolium Perenne</i> L.) under Infection by Pathogenic Fungi. 4. <u>Ronald Mandumbu</u>, Lecturer, Bindura University of Science Education, Zimbabwe, C.S.Mutengwa, Lecturer, University of Fort Hare, South Africa, S. Mabasa, Lecturer, University of Zimbabwe, Zimbabwe & E. Mwenje, Professor, University of Science Education, Zimbabwe. Tolerance Parameters of <i>Sorghum Bicolor</i> L and <i>Sorghum Arundinaceum</i> to <i>Striga Asiatica</i> under Mulch. 	<ol style="list-style-type: none"> 1. <u>Nesli Ciplak</u>, Assistant Professor, University of Karabuk, Turkey. A Review of Decision Making Methods in Sustainable Waste Management. 2. <u>Bernadett Galya</u>, Ph.D. Student, University of Debrecen, Hungary, Peter Riczu, Research Assistant, University of Debrecen, Hungary, Lajos Blasko, University of Debrecen, Hungary & Janos Tamas, Head and Professor, Institute of Water and Environmental Management and University of Debrecen, Hungary. Risk Assessment of Drought Impacted Areas in Great Plain of Hungary. 3. <u>Luo-Ping Zhang</u>, Professor, Xiamen University, China, Hongni Xu, Master Student, Xiamen University, China, Huaxia Sheng, Ph.D. Student, Xiamen University, China & Weiqi Chen, Professor, Xiamen University, China. Evaluation of Marine Ecosystem Intrinsic Value. 4. <u>Weiqi Chen</u>, Professor, Xiamen University, China, Xinxin Wu, Graduate Student, Xiamen University, China & Luo-Ping Zhang, Professor, Xiamen University, China. Estimation of Marine Ecosystem Extrinsic Value. 5. Asma Souissi, Ph.D., Student, High School of Agriculture in Mograne, Tunisia, Abdallah Benalaya, Professor, High School of Agriculture in Mograne, Tunisia & Amal Mejri, Engineer Student, High School of Agriculture in Mograne, Tunisia. The Effects of Consumer's Water footprint of Agricultural Products on Food Security in Tunisia.

13:00-14:00 Lunch

14:00-15:30 Session XIX (ROOM B): Crop Science, Biotechnology & Diseases III	14:00-15:30 Session XX (ROOM A): Water Uses, Ambiance & Innovation III
Chair: *Thomas Akuja, Associate Professor, South Eastern Kenya University, Kenya.	Chair: Tiberius Balaes, Researcher, Alexandru Ioan Cuza University of Iasi, Romania.
<ol style="list-style-type: none"> 1. <u>Margarita Gisela Pena-Ortega</u>, Professor and Researcher, Chapingo Autonomous University, Mexico, Aureliano Pena-Lomeli, Researcher, Chapingo Autonomous University, Mexico, Karen Cartensen-Benavides, MSc Student, Chapingo Autonomous University, Mexico & Juan Martínez-Solis, Professor and Researcher, Chapingo Autonomous University, Mexico. Molecular Characterization of Reference Husk Tomato (<i>Physalis Ixocarpa</i> Brot.) Varieties through ISSR Markers. 2. <u>Daniela Piaz Barbosa Leal</u>, Researcher, Forschungszentrum Julich, Germany, Stephan Blossfeld, Researcher, Forschungszentrum Julich, Germany, Sylvia Morais de Sousa, Researcher, Embrapa Maize and Sorghum, Brazil, Kerstin A. Nagel, Researcher, Forschungszentrum Julich, Germany & Nicolai David Jablonowski, Researcher, Forschungszentrum Julich, Germany. Sorghum Root Architecture Subjected to Biogas-Digestate Application. 3. <u>Ekaterina Nadezhkina</u>, Ph.D. Student, Russian State Agrarian Correspondence University, Russia, Elena Nadezhkina, Professor, National Research University, Russia & Valeria Vikhрева, Professor, Penza State Agricultural Academy, Russia. The Influence of Selenium on Winter Wheat Resistance to Herbicide Activity. 	<ol style="list-style-type: none"> 1. <u>David Ayala-Cabrera</u>, Ph.D. Student, FluIng – IMM, Universitat Politècnica de Valencia, Spain, Silvia J. Ocana-Levario, Ph.D. Student, Joaquin Izquierdo, Professor & Rafael Perez-Garcia, Professor, FluIng – IMM, Universitat Politècnica de València, Spain. 3D Representation of (Buried) Water Supply Elements Using Pre-processed GPR Images. 2. <u>Tolga Sariyer</u>, Research Assistant, Canakkale 18 Mart University, Turkey & Canan Oztokat Kuzucu, Assistant Professor, Canakkale 18 Mart University, Turkey. Effects of Proline Applications on Yield and Quality Parameters in Kapija Pepper Grown Under Different Irrigation Levels-2. 3. <u>Mohammad Ali Bahmanyar</u>, Scientific Member, Sari Agricultural Sciences and Natural Resources University, Iran, Ali Zalekani, MSc. Student, Sari Agricultural Sciences and Natural Resources University, Iran & Mehdi Ghajar Sepanlou, Scientific Member, Sari Agricultural Sciences and Natural Resources University, Iran. Effect of Application Waste Water on Heavy Metals (Pb, Cr, Cd, Ni) Contents in Different Parts of Rice (<i>Oryza Sativa</i> L.) Plant.

15:30-17:00 Session XXI (ROOM B): Policies, Organizations and Planting Systems III	15:30-17:00 Session XXII (ROOM A): Animal and Fishery Sciences, Health and Toxicology III
Chair: Margarita Gisela Pena-Ortega, Professor and Researcher, Chapingo Autonomous University, Mexico.	Chair: Daniela Piaz Barbosa Leal, Researcher, Forschungszentrum Julich, Germany.
<ol style="list-style-type: none"> 1. *Thomas Akuja, Associate Professor, South Eastern Kenya University, Kenya, F.L. Mkandawire, Lecturer, University Eastern Africa, Kenya, E.M. Njoka, Professor, Kenya Methodist University, Kenya & R.K. Obura, Professor, Laikipia University, Kenya. Effect of Planting Systems on the Growth and Yield of Bambaranut (<i>Vigna Subterranean l. Verdic</i>) Intercropped with Maize (<i>Zea Mays l.</i>). 2. Flavia Maria de Mello Bliska, Researcher, Agronomic Institute of Campinas, Brazil, Antonio Bliska Junior, Researcher, Agronomic Institute of Campinas, Brazil, Ricardo Firetti, Researcher, Regional Pole of Technological Development of Agribusiness, Brazil, Patricia Helena Nogueira Turco, Researcher, Regional Pole of Technological Development of Agribusiness, Brazil, Fabio Ricardo Ferreira Correa, Undergraduate Student, Sao Paulo State University, Brazil & Felipe Augusto Batoni de Souza, Agronomic Institute of Campinas, Brazil. Quality Management Level of Brazilian Coffee Business in Productive Regions. 3. Jaime Araya, Full Professor, University of Chile, Chile, Amanda Huerta, Associate Professor, University of Chile, Chile, Italo Chiffelle, Assistant Professor, University of Chile, Chile, Laura Araya, Student Assistant, University of Chile, Chile & Manuel Celis, Student Assistant, University of Chile, Chile. Proximal Analysis and Insecticide Effect of <i>Cestrum Parqui</i> (Solanaceae) Leaf Extracts on Elm Leaf Beetle Adults. 	<ol style="list-style-type: none"> 1. Aitbay Bulashev, Professor, Seifullin Kazakh Agro-Technical University, Kazakhstan & Zhanbolat Suranshiev, Head, Seifullin Kazakh Agro-Technical University, Kazakhstan. Using <i>Brucella Abortus</i> Outer Membrane Proteins in Serodiagnosis of Brucellosis. 2. Svatoslav Hluchy, Professor, Slovak University of Agriculture in Nitra, Slovakia & Robert Toman, Associate Professor, Slovak University of Agriculture in Nitra, Slovakia. Transmission Electron Microscopic Analysis of Smooth Endoplasmic Reticulum of Mammary Secretory Cells in Rabbits During Lactation and Regression Stages. 3. Robert Toman, Associate Professor, Slovak University of Agriculture in Nitra, Slovakia, Svatoslav Hluchy, Professor & Zuzana Hajkova, Ph.D .Student, Slovak University of Agriculture in Nitra, Slovakia. Effect of Separate Diazinon Administration and Co-Administration with Selenium and Cadmium on their Tissues Concentrations in Rats. 4. Dildeep Varadan, Assistant Professor, Kerala Veterinary and Animal Sciences University, India, Babitha Vazhoor, Assistant Professor, Kerala Veterinary and Animal Sciences University, India, R.S. Dass, Principal Scientist, Deemed University, India & A.K. Garg, Principal Scientist, Deemed University, India. Ameliorative Effect of Dietary Zinc and Rumens Protected DL-Methionine on Nitrogen, Calcium and Lead Retention Alterations Induced by Lead Toxicity in Goats.

17:30-20:00 Urban Walk (Details during registration)

20:30- 22:00 Dinner (Details during registration)

Wednesday 15 July 2015
Cruise: (Details during registration)

Thursday 16 July 2015
Delphi Visit: (Details during registration)