



# ECOLOGY SYMPOSIUM

**2017** 11-13 MAY 2017  
ERCIYES UNIVERSITY  
KAYSERİ / TURKEY



## *Symposium Program*



# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

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11-13 May

Erciyes University, Kayseri-TURKEY

### HONORARY CHAIR

**Prof. Dr. MUHAMMET GÜVEN**  
Rector of Erciyes University

### SYMPOSIUM CHAIR

**Prof. Dr. Fatih DUMAN**

### SECRETARY

**Res. Assist. Fatih Doğan KOCA**

### SYMPOSIUM BUILDINGS

| EVENT |  |  |
|-------|--|--|
|       | <b>OPENING CEROMONY</b>                                  | Erciyes University 15 July Campus<br>Conference Hall   |
|       | <b>ORAL PRESENTATIONS &amp;<br/>POSTER PRESENTATIONS</b> | Erciyes University (Main Campus)<br>Faculty of Science |

### OPENING CEREMONY

Thursday 11 May 2017

Erciyes University 15th July Campus, Conference Hall

|             |   |                           |
|-------------|---|---------------------------|
| 8:30-10:30  | <b>REGISTRATION</b>   |                           |
| 10:30-10:45 | Welcome Speech by Prof. Dr. Fatih DUMAN   |                           |
| 10:45-11:30 | Opening Speeches  |                           |
| 11:30-12:00 | <b>Keynote Speech</b>   | <b>Dr. Matthew O'Hare</b> |
|             | "An Overview of Ecological and Related Studies Carried out at The Centre for Ecology & Hydrology (CEH), UK" |                           |
| 12:00-13:30 | LUNCH   |                           |

\* **Oral & Poster Presentations will be held at the Main Campus of Erciyes University, Faculty of Science building**

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                           |  |   |
|--------------------------------|--|---|
| NAME                           | <b>HALL 1A</b>   |   |
| PLACE                          | Erciyes University (Main Campus)<br>Faculty of Science   |   |
| THEME                          | <b>Aquatic Ecosystems</b>  |   |
| Thursday 11 May 2017 (HALL 1A) |  |   |
| SESSION<br>1A.1                | Aquatic Ecosystems   |   |
|                                | Session Chair<br>Prof. Dr. Murat KAYA  | Session Chair Assistant<br>Asst. Prof. Dr. Serkan ŞAHAN   |
| 13:30-13:45                    | <u>Nurul Ezzati IBRAHIM</u> , Wan Bayani Wan OMAR & Faridah MOHAMAD  | Abundance Of Under Studied Clam, <i>Scapharca cornea</i> In East Coast of Peninsular Malaysia   |
| 13:45-14:00                    | <u>Asiye BAŞUSTA &amp; Nuri BAŞUSTA</u>  | Otolith dimensions-fish length relationships of tub gurnard ( <i>Chelidonichthys lucerna</i> ) obtained from Northeastern Mediterranean |
| 14:00-14:15                    | <u>Caner E. ÖZYURT</u> , Muzaffer PERKER, Volkan B. KIYAĞA, Sinan MAVRUK & Tamer KAYAALP   | Biomass of some lessepsian fish species in the soft bottoms of Iskenderun Bay (Northeast Mediterranean)                                 |
| 14:15-14:30                    | <u>Fatih Volkan ÖZEL</u> & Nuri BAŞUSTA  | Investigation of some growth characteristics of <i>Dipturus oxyrinchus</i> inhabiting the Northeastern Mediterranean                    |
| 14:30-14:45                    | <u>Ferhat DEMİROL</u> , Fahrettin YÜKSEL, Fatih GÜNDÜZ & M. Zülfü ÇOBAN  | Distribution Based on Depth of Turkish Crayfish ( <i>Astacus leptodactylus</i> Eschscholtz, 1823) in the Keban Dam Lake                 |
| 14:45-15:00                    | COFFEE BREAK   |   |
| 15:00-15:30                    | Keynote Session (HALL 1A) : <b>Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |   |
| 15:30-15:45                    | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>1A.2 | Aquatic Ecosystems   |   |
|-----------------|--|---|
|                 | Session Chair  | Session Chair Assistant   |
|                 | Prof. Dr. Nuri BAŞUSTA   | Asst. Prof. Dr. Aysel KEKİLLİOĞLU   |
| 15:45-16:00     | <u>Assane A. TOUDJANI</u> , Abuzer ÇELEKLİ, E. Yonca GÜMÜŞ, Seda KAYHAN, H. Ömer LEKESİZ & Tolga ÇETİN   | Ecological Status Assessment Based on Phytoplankton of Lentic Systems in West Mediterranean Basin (Turkey)  |
| 16.15-16:30     | Asiye BAŞUSTA & <u>Nuri BAŞUSTA</u>  | Length-weight relationships of large-scaled gurnard ( <i>Lepidotrigla cavillone</i> ) obtained from Northeastern Mediterranean                                    |
| 16:30-16:45     | <u>Ali ALAŞ</u> , Ahmet ÖKTENER & <u>Dilek TÜRKER</u>  | The Sea of Marmara: New Locality for <i>Lepeophtheirus europaensis</i> and <i>Caligus apodus</i> (Siphonostomatoida; Caligidae) from Turkey                       |
| 16:45-17:00     | <u>Fatih GÜNDÜZ</u> , Kenan ALPASLAN, Gökhan KARAKAYA, Ferhat DEMİROL, Fahrettin YÜKSEL & M. Zülfü ÇOBAN | Some Population Parameters of <i>Alburnus mossulensis</i> (Heckel, 1843) in Boztepe Recai Kutan Dam Lake (Malatya)  |
| 17:00-17:15     | <u>Feray SÖNMEZ</u> & Zeynep Selva BATTAL  | A Database for Blue-Green Algae Recorded in Freshwater Ecosystems   |
| 17:15-17:30     | <u>Ali ALAŞ</u> , Ahmet ÖKTENER & Dilek TÜRKER   | <i>Ceratothoa oxyrrhynchaena</i> (Isopoda: Cymothoidae) New To Turkish Waters With Morphological Characters of <i>Mothocya taurica</i> and <i>Emetha audouini</i> |

## Friday, 12 May 2017 (HALL 1A)

| SESSION<br>1A.3 | Aquatic Ecosystems   |  |
|-----------------|--|--|
|                 | Session Chair  | Session Chair Assistant  |
|                 | Prof. Dr. Bülent CİHANGİR  | Asst. Prof. Dr. Arzu Aydın UNCUMUSA  |
| 9:00-9:15       | <u>Albulene EMİNİ</u> , Ferdiye Zhushi-ETEMİ and Osman SEYYAR  | The Ecological Status and Macroinvertebrate Diversity of the Nerodime River in Kosova  |
| 9:15-9:30       | <u>H. Ömer LEKESİZ</u> , Abuzer ÇELEKLİ, E. Yonca GÜMÜŞ, Seda KAYHAN, Assane A. TOUDJANI & Tolga ÇETİN | Determination of ecological status and ecological preferences of phytoplankton in three reservoirs of North Aegean basin using multivariate approach |
| 9:30-9:45       | Hakkı DERELİ, <u>Yusuf ŞEN</u> , Turhan KEBAPÇIOĞLU & Zeki Serkan ÖLÇEK                                | Twine Thickness Effect On Selectivity And Catching Efficiency Of Gillnets Used In Common Carp ( <i>Cyprinus Carpio</i> ) Fishery                     |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                     |  |   |
|---------------------|--|---|
| 9:45-10:00          | <b>Seda KAYHAN, Abuzer ÇELEKLİ, E. Yonca GÜMÜŞ, Assane A. TOUDJANI, H. Ömer LEKESİZ &amp; Tolga ÇETİN</b>  | Phytoplankton assemblages from Aras Basin (Turkey) for ecological assessment of lakes using multivariate approach                             |
| 10:00-10:15         | <b>Göksal SEZEN &amp; Şihap ÇANKAYA</b>  | Diatome Flora Of Some Ponds, Streams And Rivers In Siirt, Batman And Diyarbakır Provinces   |
| 10:15-10:30         | COFFEE BREAK   |   |
| 10:30-11:00         | <b>Keynote Session (HALL 1A) : Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |   |
| 11:00-11:15         | COFFEE BREAK   |   |
| <b>SESSION 1A.4</b> | <b>Aquatic Ecosystems</b>  |   |
|                     | <b>Session Chair</b><br>Prof. Dr. Matthew O'HARE   | <b>Session Chair Assistant</b><br>Asst. Prof. Dr. Abdulla SAKALLI   |
| 11:15-11:30         | <b>Enass Abdullah Hamad ATEA, Ali Eslem KADAK, Aycan Mutlu YAĞANOĞLU &amp; Adem Yavuz SÖNMEZ</b>   | Investigation of Some Physicochemical Water Quality Parameters of Germeçtepe Dam Lake (Kastamonu-Daday) and Assesment of Using Fuzzy Logic    |
| 11:30-11:45         | <b>Fatma SÜRAL, Abuzer ÇELEKLİ, Emine GÜLTEKİN &amp; Hamdullah ARSLANARGUN</b>   | Diatom Composition and Ecological Properties of Araban and Yavuzeli Regions   |
| 11:45-12:00         | <b>E. Yonca GÜMÜŞ, Abuzer ÇELEKLİ, Assane A. Toudjani, Seda KAYHAN, H. Ömer LEKESİZ &amp; Tolga ÇETİN</b>  | Diatoms assemblages from Ceyhan Basin for ecological status assessment of running waters in concept of water framework Directive              |
| 12:00-12:15         | <b>Erkan DİŞLİ</b>   | Spatial And Temporal Changes At The Lake Seyfe, Interactions Between Groundwater and Surface Water, Kırşehir, Turkey                          |
| 12:15-12:30         | <b>Arzu Aydın UNCUMUSAOĞLU</b>   | The Determination of Relationship between Zooplankton and Abiotic Factors Using Statistical Analysis in the Yağlıdere Stream (Giresun/Turkey) |
| 12:30-13:30         | LUNCH  |   |
| <b>SESSION 1A.5</b> | <b>Aquatic Ecosystems</b>  |   |
|                     | <b>Session Chair</b><br>Prof. Dr. Ali ALAŞ   | <b>Session Chair Assistant</b><br>Asst. Prof. Dr. Erkan DİŞLİ   |
| 13:30-13:45         | <b>İsmet SAYGU, Sheila JJ HEYMANS, Hüseyin ÖZBİLGİN, Ahmet Raif ERYAŞAR &amp; Gökhan GÖKÇE</b>   | Top Predators and Their Trophic Levels in the Northeastern Mediterranean Food Web   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                     |   |  |
|---------------------|---|--|
| 13:45-14:00         | <b>Türkay ÖZTÜRK, Arzu GÜVEN &amp; Pelin Sevcan KÖKSAL</b>  | Metazoan Parasites of Atlantic Stargazer <i>Uranoscopus scaber</i> (Family: Uranoscopidae)<br>From Turkish Coasts of Black Sea   |
| 14:00-14:15         | <b>Meral APAYDIN YAĞCI</b>  | Seasonal Zooplankton (Rotifera, Cladocera and Copepoda)<br>Fauna of Eğirdir Lake   |
| 14:15-14:30         | <b>Hakan Mete DOĞAN, Ekrem BUHAN, Orhan Mete KILIÇ &amp; Gülin KARAN</b>  | Monitoring Water Quality Change of Kelkit Basin by GIS   |
| 14:30-14:45         | <b>Çağla ERSÖZ, Tuğba ATICI, Deniz ALTUN ÇOLAK &amp; Zeynep İLBAY</b>   | Preventive Role of Cimin Grape against Antineoplastic Drugs on <i>Drosophila melanogaster</i>  |
| 14:45-15:00         | COFFEE BREAK  |  |
| 15:00-15:30         | <b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b><br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b><br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |  |
| 15:30-15:45         | COFFEE BREAK  |  |
| <b>SESSION 1A.6</b> | <b>Aquatic Ecosystems</b>   |  |
|                     | <b>Session Chair</b>  | <b>Session Chair Assistant</b>   |
|                     | <b>Prof. Dr. Murat KAYA</b>   | <b>Asst. Prof. Dr. Cem Tolga GÜRKANLI</b>  |
| 15:45-16:00         | <b>Abdulla SAKALLI &amp; Mehmet Uğur GÜÇEL</b>  | Sea Surface Temperature Change in the Mediterranean Sea due to Climate Change  |
| 16:15-16:30         | <b>Cem Tolga GÜRKANLI, Sevilay GÜNEYDAĞ, Yılmaz ÇİFTÇİ, Violetta YURAKHNO &amp; Ahmet ÖZER</b>  | Morphology and Molecular Phylogeny of a New <i>Ortholinea</i> species (Myxozoa) in <i>Mullus barbatus ponticus</i>   |
| 16:30-16:45         | <b>Derya ÜRKMEZ, Murat SEZGİN &amp; Melek Ersoy KARAÇUHA</b>  | Spatio-temporal changes in Ne/Co ratio of the muddy bottoms of Sinop Peninsula   |
| 16:45-17:00         | <b>Efsun Görkem ATASOY, İbrahim İlker ÖZYİĞİT, Bahattin YALÇIN, Aslı HOCAOĞLU &amp; Tarık DURMUŞ</b>  | Investigation of mineral element and heavy metal concentrations in Jellyfish ( <i>Aurelia aurita</i> L.) samples from Marmara Sea: Monitoring sea pollution levels using a widely distributed organism in 2016 summer period |
| 17:00-17:15         | <b>Ertuğrul AĞIRBAS, Ülgen AYTAN, Serkan KORAL &amp; Ahmet SAHİN</b>  | Seasonal Dynamics of Phytoplankton Size Classes (PSC) Derived From HPLC Pigment Analysis along the South-Eastern Black Sea   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| Saturday, 13 May 2017 (HALL 1A) |   |   |
|---------------------------------|---|---|
| SESSION<br>1A.7                 | Aquatic Ecosystems  |   |
|                                 | Session Chair   | Session Chair Assistant   |
|                                 | Assoc. Prof. Dr. Filiz DADAŞER-ÇELİK  | Asst. Prof. Dr. Faruk MARAŞLI   |
| 9:00-9:15                       | <u>Faruk MARAŞLIOĞLU</u> , Arif GÖNÜLÖL & Serdar BEKTAŞ   | Assessment Of Water Quality In The Mert Stream (Samsun, Turkey) Base On Some Physicochemical Parameters   |
| 9:15-9:30                       | <u>Gamze MUTLU</u> , Nehir KAYMAK, Şenol AKIN, Ekrem BUHAN & Nihat YEŞİLAYER                      | Spatiotemporal Distribution Patterns of Fish Assemblage Structure of Tributaries of upper Yesilirmak River Basin in Relation to Environmental Variation |
| 9:30-9:45                       | <u>Funda ÜSTÜN</u> , Levent BAT, Murat SEZGİN & Fatih ŞAHİN                                       | Community Structure of Mesozooplankton in the İğneada Coast, Western Black Sea  |
| 9:45-10:00                      | <u>İlknur YILDIZ</u> , Ali Muzaffer FEYZİOĞLU, Kerem GÖKDAĞ Nurgül ŞEN ÖZDEMİR & Ümit DOKUZPARMAK | Population Structure and the Sexual Characteristics of the Arrow Worm (Chaetognath: <i>Parasagitta setosa</i> ) in Black Sea                            |
| 10:00-10:15                     | COFFEE BREAK  |   |
| SESSION<br>1A.8                 | Aquatic Ecosystems  |   |
|                                 | Session Chair   | Session Chair Assistant   |
|                                 | Prof. Dr. Arif GÖNÜLÖL  | Asst. Prof. Dr. Funda ÜSTÜN   |
| 10:15-10:30                     | <u>Zeynep KOLÖREN</u> , Beyhan TAŞ & <u>İlknur KOYUN</u>  | Occurrence of <i>Acanthamoeba</i> Species in Various Water Sources of Giresun in Black Sea, Turkey  |
| 10:30-10:45                     | <u>Mehmet AYDIN</u> & Rahşan Evren MAZLUM   | A study on the Stomach Contents of Scorpionfish ( <i>Scorpaena porcus</i> ) in the Black Sea  |
| 10:45-11:00                     | <u>Mehmet Ugur GUCEL</u> & Abdulla SAKALLI  | Towards Calculating and Analysing Energy Potential from Waves and Currents Within the Continental Shelf of Turkey in the Eastern Mediterranean Sea      |
| 11:15-11:30                     | <u>Melek ÖZPİÇAK</u> , Semra SAYGIN, Aykut AYDIN, Enes HANÇER, Savaş YILMAZ & Nazmi POLAT         | The Relationships Between Otolith Dimensions-Total Length of Chub ( <i>Squalius cephalus</i> , L.1758) sampled from Samsun Province                     |
| 11:30-11:45                     | COFFEE BREAK  |   |
| 12:45-13:30                     | LUNCH   |   |
| 13:30-14:30                     | EVALUATION AND CLOSING MEETING  |   |
| 14:30-19:00                     | Excursion of Kayseri city   |   |
| 20:00-23:00                     | GALA DINNER   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                           |  |  |
|--------------------------------|--|--|
| NAME                           | <b>HALL 1B</b>   |  |
| PLACE                          | Erciyes University (Main Campus)<br>Faculty of Science   |  |
| THEME                          | <b>Aquatic Ecosystems</b>  |  |
| Thursday 11 May 2017 (HALL 1B) |  |  |
| SESSION<br>1B.1                | Aquatic Ecosystems   |  |
|                                | Session Chair  | Session Chair Assistant  |
|                                | Prof. Dr. Osman SAMSUN   | Asst. Prof. Dr. Metin ÇAĞLAR   |
| 13:30-13:45                    | <b>Ahmet ÖZER, Cem Tolga GÜRKANLI, Sevilay GÜNEYDAĞ, Yılmaz ÇİFTÇİ &amp; Violetta YURAKHNO</b>   | Morphology, Ecology and Molecular Phylogeny of <i>Kudoa nova</i> and <i>Kudoa stellula</i> (Myxozoa: Kudoidae) in the Black Sea fishes |
| 13:45-14:00                    | <b>Semra BENZER &amp; Recep BENZER</b>   | Predicting Growth Properties of Crayfish in Yeniçağa Lake  |
| 14:00-14:15                    | <b>Burcu SAYIN &amp; Metin ÇALTA</b>   | Otolith Biometry of Mirror Carp ( <i>Cyprinus carpio</i> L., 1758) Living in Keban Dam Lake  |
| 14:15-14:30                    | <b>Ramazan YAZICI, Okan YAZICIOĞLU &amp; Mahmut YILMAZ</b>   | Relationships between Fish Length and Otolith Dimensions of Pike ( <i>Esox lucius</i> ) Inhabiting Siddıklı Küçükboğaz Dam Lake        |
| 14:30-14:45                    | <b>Yulia SAPOZHNIKOVA, Lyubov SUKHANOVA &amp; Olga GLYZINA</b>   | Hearing and Acoustic Behaviour of Endemic Baikal Fish  |
| 14:45-15:00                    | COFFEE BREAK   |  |
| 15:00-15:30                    | Keynote Session (HALL 1A) : <b>Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |  |
| 15:30-15:45                    | COFFEE BREAK   |  |
| SESSION<br>1B.2                | Aquatic Ecosystems   |  |
|                                | Session Chair  | Session Chair Assistant  |
|                                | Prof. Dr. Metin ÇALTA  | Dr. Recep BENZER   |
| 15:45-16:00                    | <b>Metin ÇAĞLAR &amp; Güneş PALA</b>   | Epipsammic Diatoms in Agın Region of Keban Dam Lake  |



# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |   |   |
|-------------|---|---|
| 16.15-16:30 | <b>Caner Enver ÖZYURT, Sinan MAVRUK, Volkan B. KIYAĞA, &amp; Hasan ERSÖNMEZ</b>           | Spawning of <i>Pegusa lascaris</i> in the Iskenderun Bay (Northeast Mediterranean)  |
| 16:30-16:45 | <b>Serhat ERTUĞRUL, Nazlı Deniz EYİCE ÇAĞATAY, Sırma ÇAPAR DİNÇER &amp; Nergis EMANET</b> | An Approach To Analyzing Spatial Patterns Of <i>Fabrea Salina</i> (Heterotrichous Ciliate) Communities In Hypersaline Lakes Konya Closed Basin And Denizli Acıgol |
| 16:45-17:00 | <b>M. Zülfü ÇOBAN, Fatih GÜNDÜZ, Fahrettin YÜKSEL &amp; Ferhat DEMİROL</b>                | Length-Weight Relationships and Condition Factors of Some Fish Species Captured as Non-Target in Crayfish Hunt in Keban Dam Lake                                  |
| 17:00-17:15 | <b>Adnan TOT, Ali Eslem KADAK, Adem Yavuz SÖNMEZ &amp; Sıdki ARAS</b>                     | Research on Physico-Chemical Properties of Ilgaz River Basin (Kastamonu)  |
| 17:15-17:30 | <b>İdriz VEHAPI, Kemajl KURTESHI, Kasum LETAJ &amp; Jeton ORLLATI</b>                     | Microbiological estimation of water of river nerodime, during autumn season 2009  |

## Friday, 12 May 2017 (HALL 1B)

| SESSION<br>1B.3 | Aquatic Ecosystems   |  |
|-----------------|--|--|
|                 | Session Chair  | Session Chair Assistant  |
|                 | Prof. Dr. Ahmet ALP  | Dr. Nimet Selda BAŞÇINAR   |
| 9:00-9:15       | <b>Serdar SÖNMEZ, Süphan KARAYTUĞ, Serdar SAK &amp; Alp ALPER</b>  | Variation in <i>Afroloaophonte pori</i> (Copepoda: Harpacticoida: Laophontidae): A contribution towards the revision of the genus <i>A. pori</i> complex               |
| 9:15-9:30       | <b>Şenol AKIN, Yılmaz EMRE, Banu YALIM, Nesrin EMRE, Nehir KAYMAK, Erdinç VESKE, Merve KARAKUŞ, Doğan BAYKALER &amp; Özgür AKTAŞ</b>               | Spatial Variation in Food Web Structure of a Mediterranean Lagoon in Turkish Coasts  |
| 9:30-9:45       | <b>Deniz Anıl ODABAŞI, Serpil ODABAŞI, Ozan DENİZ, Fikret ÇAKIR, Onur ÖZBEK, Naime ARSLAN, Barış ÖZALP, Çetin KEDİOĞLU &amp; Heikki M. TURUNEN</b> | First Findings for Aquatic Ecosystem of Güvercinkaya Cave (Kazdağı: Çanakkale)   |
| 9:45-10:00      | <b>Merve KOYUNCUOĞLU, Nehir KAYMAK, Şenol Akın &amp; Ekrem BUHAN</b>   | Gut Dimensions Reveals the Effect of Habitat Quality and Ontogeny on Intestine Morphology of <i>Chondrostoma colchicum</i> in the Upper Yeşilirmak River Basin, Turkey |
| 10:00-10:15     | <b>Sinan MAVRUK, İsmet SAYGU, Fethi BENGİL &amp; Vahit ALAN</b>  | Preliminary Results of Local Ecological Knowledge on the Grouper (Epinephelinae) Populations in Iskenderun Bay   |
| 10:15-10:30     | COFFEE BREAK   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                     |  |  |
|---------------------|--|--|
| 10:30-11:00         | <b>Keynote Session (HALL 1A) : Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |  |
| 11:00-11:15         | COFFEE BREAK   |  |
| <b>SESSION 1B.4</b> | <b>Aquatic Ecosystems</b>  |  |
|                     | <b>Session Chair</b><br>Assoc. Prof. Dr. Deniz Anıl ODABAŞI  | <b>Session Chair Assistant</b><br>Dr. Onur KARADAL   |
| 11:15-11:30         | <b>Jeton ÖRLLATJ</b> , Idriz VEHAPI, Kemajl KURTESHI Fisnik SPAHIU & Hakan DEMİR   | Microbiological analysis of waters of river rimnik, nearby city Rahovec (Kosovo) during winter season 2014   |
| 11:30-11:45         | <b>Serap SÄLER</b> , Burcu ÇELİK & Songül YÜCE   | Zooplankton of Behramaz Stream (Elazığ)  |
| 11:45-12:00         | <b>Serkan KÜKRER &amp; Özkan KILIÇ</b>   | Using an artificial neural network to guess potential ecological risk based on heavy metals in lake sediments  |
| 12:00-12:15         | <b>Amna Mohamed Alkilani EMHEMED &amp; Nejdet GÜLTEPE</b>  | Microbiological and Physicochemical Characteristics of Karaçomak Dam Lake in Kastamonu   |
| 12:15-12:30         | <b>Nehir KAYMAK &amp; Şenol AKIN</b>   | Habitat Fragmentation Generate Niche Variation among Populations of Cyprinid Fish, <i>Chondrostoma colchicum</i>   |
| 12:30-13:30         | LUNCH  |  |
| <b>SESSION 1B.5</b> | <b>Aquatic Ecosystems</b>  |  |
|                     | <b>Session Chair</b><br>Prof. Dr. Osman SAMSUN   | <b>Session Chair Assistant</b><br>Dr. Serdar SÖNMEZ  |
| 13:30-13:45         | <b>Melike ALEMDAĞ</b> , İlhan ALTINOK, Şebnem ATASARAL ŞAHİN, Rafet Çağrı ÖZTÜRK, Erol CAPKIN & Gökhan KALAYCI   | Determination of Chromosome Number and Structure of Brown Trout ( <i>Salmo trutta labrax</i> , <i>S. t. caspius</i> , <i>S. t. abanticus</i> ) and Their Hybrids Distributed in Anatolia |
| 13:45-14:00         | <b>Meryem Yeşim ÇELİK</b> , Mehmet Anıl KESKİNBALTA, Mehmet Bedrettin DUMAN, Sedat KARAYÜCEL   | Some Biometric and Biochemical Properties of Freshwater mussels ( <i>Unio pictorum</i> , Linnaeus 1758) in Karasu Stream, Sinop  |
| 14:00-14:15         | <b>Nimet Selda BAŞÇINAR</b> , Ahmet Mutlu GÖZLER, Murat ERBAY, Elnara Eldar JAFAROVA, İlkey Özcan AKPINAR, Elvan ATILGAN, Ülgen AYTan & D. Selim MISIR   | Diversity of Marine Macro-zoobenthic Communities at Southeastern Black Sea (Ordu-Hopa) in Spring   |
| 14:15-14:30         | <b>Okan AKYOL &amp; Osman SAMSUN</b>   | Length-weight Relationship and Mortalities of <i>Mullus barbatus ponticus</i> in the Turkish Black Sea   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                     |  |  |
|---------------------|--|--|
| 14:30-14:45         | <b>Derya BOSTANCI, Seda KONTAŞ, Serdar YEDİER, Gülşah KURUCU &amp; Nazmi POLAT</b>   | Otolith Mass Asymmetry of <i>Barbus tauricus</i> and <i>Capoeta banarescui</i> Inhabiting Melet River, Ordu, Turkey                                |
| 14:45-15:00         | COFFEE BREAK   |  |
| 15:00-15:30         | <p><b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b><br/>"An Extreme Pristine Ecotourism Destination: Galapagos Island"</p> <p><b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b><br/>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey"</p> |  |
| 15:30-15:45         | COFFEE BREAK   |  |
| <b>SESSION 1B.6</b> | <b>Aquatic Ecosystems</b>  |  |
|                     | <b>Session Chair</b>   | <b>Session Chair Assistant</b>   |
|                     | <b>Prof. Dr. Bülent CİHANGİR</b>   | <b>Dr. Sinan MAVRUK</b>  |
| 15:45-16:00         | <b>Onür KARADAL &amp; Gürel TÜRKMEN</b>  | Effect of different substrates on growth performance on Mexican orange dwarf crayfish ( <i>Cambarellus patzcuarensis</i> )                         |
| 16:15-16:30         | <b>Rahşan Evren MAZLUM, Ertuğrul AĞIRBAŞ &amp; Ülgen AYTan</b>   | Spatio-Temporal Abundance of <i>Pleurobrachia pileus</i> (Müller, 1776) from the South-Eastern Black Sea   |
| 16:30-16:45         | <b>S. Sule KAPLAN BEKAROGLU, Cihan OZGUR, B. Ilker HARMAN, Hasan KOSEOGLU, Gokhan CIVELEKOGLU &amp; Mehmet KITIS</b>   | Seasonal Variations of Water Quality in Egirdir Lake   |
| 16:45-17:00         | <b>Tahir ATICI</b>   | Cluster Analyze of Algae in Eastern Black Sea Region Glacier Lakes (Turkey) Key Area: Artabel Lakes Natural Park                                   |
| 17:00-17:15         | <b>Semra SAYGIN, Melek ÖZPİÇAK, Enes HANÇER, Aykut AYDIN, Savaş YILMAZ &amp; Nazmi POLAT</b>   | The Relationships Between Otolith Dimensions-Total Length of European Bitterling ( <i>Rhodeus amarus</i> Bloch, 1782) sampled from Samsun Province |
| 17:15-17:30         | <b>Fateh MIMECHE &amp; Francisco J. OLIVA-PATERNA</b>  | Temporal Variations in Abundance and Biomass of Fish Species inhabited in K'sob reservoir (Eastern of Algeria)                                     |

## Saturday, 13 May 2017 (HALL 1B)

|                     |                                       |   |
|---------------------|---------------------------------------|---|
| <b>SESSION 1B.7</b> | <b>Aquatic Ecosystems</b>             |   |
|                     | <b>Session Chair</b>                  | <b>Session Chair Assistant</b>  |
|                     | <b>Assoc. Prof. Dr. Şule GÜRKAN</b>   | <b>Asst. Prof. Dr. Daniel GEBLER</b>  |
| 9:00-9:15           | <b>Orçin UYGUN &amp; Mustafa KAYA</b> | Spatiotemporal Dynamics of Eggs and Larvae of European Anchovy [ <i>Engraulis encrasicolus</i> (L. 1758)] in Sinop Coasts (Black Sea) |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                     |  |   |
|---------------------|--|---|
| 9:15-9:30           | <b>Derya BOSTANCI, Serdar YEDİER, Seda KONTAŞ, Gülşah KURUCU &amp; Nazmi POLAT</b> | Comparison of the otolith mass asymmetry in <i>Solea solea</i> and <i>Trachurus mediterraneus</i>               |
| 9:30-9:45           | <b>Sevdan YILMAZ, Sebahattin ERGÜN &amp; Ekrem Şanver ÇELİK</b>                    | The Role of Probiotics in the Reduction of Antibiotics Input to the Environment in Aquaculture                  |
| 9:45-10:00          | <b>Sevkan ÖZÜTOK, Aysel ŞAHAN &amp; Serpil DEMİRCİ KAYIRAN</b>                     | Antimicrobial Activity of Wild Garlic ( <i>Allium macrochaetum</i> ) Against Molecular Defined Aquatic Bacteria |
| 10:00-10:15         | COFFEE BREAK   |   |
| <b>SESSION 1B.8</b> | <b>Aquatic Ecosystems</b>  |   |
|                     | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                     | <b>Prof. Dr. Osman SAMSUN</b>  | <b>Dr. Burcu TAYLAN</b>   |
| 10:15-10:30         | <b>Süle GÜRKAN, Aysun KOP &amp; Ali Yıldırım KORKUT</b>                            | Determination Of Monthly Condition Factors Of Sea Bream, <i>Sparus Aurata</i> From A Fish Farm In Aegean Sea    |
| 10:30-10:45         | <b>Tuba TERBİYİK KURT, Sevim POLAT &amp; Gürkan AKBULUT</b>                        | Zooplankton community structure at the Iskenderun Bay (Northeastern Mediterranean Sea) in 2016                  |
| 10:45-11:00         | <b>Tülay ÖZER, İlkay AÇIKGÖZ ERKAYA &amp; Dilek YALÇIN</b>                         | Batch Culture of Chlamydomonas sp. Strains in Different Media   |
| 11:15-11:30         | <b>Alexey MOROZOV &amp; Victoria YURCHENKO</b>                                     | Annual Variations in Hepatic Antioxidant Defenses in Temperate Fish: Common Bream and European Perch            |
| 11:30-11:45         | COFFEE BREAK   |   |
| <b>SESSION 1B.9</b> | <b>Aquatic Ecosystems</b>  |   |
|                     | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                     | <b>Assoc. Prof. Dr. Süleyman ÖZDEMİR</b>   | <b>Dr. Sevdan YILMAZ</b>  |
| 11:45-12:00         | <b>Nada JOUMA &amp; Filiz DADAŞER-ÇELİK</b>  | Spatiotemporal Changes at the Sultan Marshes Ecosystem (Turkey) from 1987 to 2013                               |
| 12:00-12:15         | <b>Burak PEKER, Şükrü Taner AZGIN &amp; Filiz DADAŞER-ÇELİK</b>                    | Water Quality Assessment of Sultan Marshes Ecosystem in Turkey  |
| 12:15-12:30         | <b>Burcu TAYLAN &amp; Bahar BAYHAN</b>   | Reproductive Status Of The European Conger Eel, Conger Conger In The Aegean Sea                                 |
| 12:30-12:45         | <b>Tamer AKKAN</b>   | Antibiotic Resistance Case Study: Iskenderun Bay and Giresun Coasts   |
| 12:45-13:30         | LUNCH  |   |
| 13:30-14:30         | <b>EVALUATION AND CLOSING MEETING</b>  |   |
| 14:30-19:00         | Excursion of Kayseri city  |   |
| 20:00-23:00         | <b>GALA DINNER</b>   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                                  |  |   |
|---------------------------------------|--|---|
| NAME                                  | <b>HALL 2A</b>   |   |
| PLACE                                 | Erciyes University (Main Campus)<br>Faculty of Science   |   |
| THEME                                 | <b>Animal Biodiversity</b>   |   |
| <b>Thursday 11 May 2017 (HALL 2A)</b> |  |   |
| <b>SESSION 2A.1</b>                   | <b>Animal Biodiversity</b>   |   |
|                                       | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                                       | <b>Prof. Dr. Nusret AYYILDIZ</b>   | <b>Asst. Prof. Dr. Hakan BOZDOĞAN</b>   |
| 13:30-13:45                           | <b>Kaan AKSOY, Münir Ziya Lugal GÖKSU &amp; Meltem MANAŞIRLI</b>   | Investigation of Seasonal Changes on Fish Fauna in the Yumurtalik Lagoons   |
| 13:45-14:00                           | <b>Emre EROĞLU &amp; Abbas MOL</b>   | A preliminary study of Diplura species of Aksaray Province  |
| 14:00-14:15                           | <b>Ayşe TOLUK &amp; Nusret AYYILDIZ</b>  | New Records of Oribatid Mites (Acari) from Bolu Province, Turkey  |
| 14:15-14:30                           | <b>Medeni AYKUT &amp; Gani Erhan TAŞAR</b>   | Contributions to the knowledge of Dytiscidae, Gyrinidae, Halipilidae and Noteridae (Coleoptera: Adepaga) Fauna of Adıyaman Province         |
| 14:30-14:45                           | <b>Zvereva Yulia MIKHAILOVNA &amp; Timoshkin Oleg ANATOLIEVICH</b>   | Ecological studies on dominant enchytraeid species (Annelida: "Oligochaeta") in splash zone of Bolshie Koty Bay, Lake Baikal (East Siberia) |
| 14:45-15:00                           | COFFEE BREAK   |   |
| 15:00-15:30                           | Keynote Session (HALL 1A) : <b>Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |   |
| 15:30-15:45                           | COFFEE BREAK   |   |
| <b>SESSION 2A.2</b>                   | <b>Animal Biodiversity</b>   |   |
|                                       | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                                       | <b>Assoc. Prof. Dr. Osman SEYYAR</b>   | <b>Asst. Prof. Dr. Medeni AYKUT</b>   |
| 15:45-16:00                           | <b>Murat CEYHAN &amp; Adile AKPINAR</b>  | Spider fauna of Islahiye district (Gaziantep) (Araneae)   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |  |  |
|-------------|--|--|
| 16.15-16:30 | <b><u>Mehmet Kürşat ŞAHİN</u> &amp; Zafer AYAŞ</b>   | Assessing the reptilian biodiversity patterns in Amasya province   |
| 16:30-16:45 | <b>Abdullah İNCİ, Alparslan YILDIRIM, Arif ÇILOĞLU, Önder DUZLU, Bilal DİK, Arzu Gürsoy ERGEN, Zuhul ÖNDER, Gediminas VALKIUNAS &amp; Staffan BENSCH</b> | Detection and Molecular Characterization of Haemosporidian Lineages from Passerine Bird Community in Sultan Marshes, Turkey                |
| 16:45-17:00 | <b><u>Hakan BOZDOĞAN</u></b>   | Habitat Modelling by using Geo-Gebra Software in the Brown Lacewings (Neuroptera:Hemerobiidae)   |
| 17:00-17:15 | <b><u>Tetiana KUZMINA</u>, Terry SPRAKER &amp; Eugene LYONS</b>  | Parasites of northern fur seals ( <i>Callorhinus ursinus</i> L.) as indicators of ecological alteration in the ecosystem of the Bering Sea |

## Friday, 12 May 2017 (HALL 2A)

| SESSION     | Animal Biodiversity  |   |
|-------------|--|---|
|             | Session Chair  | Session Chair Assistant   |
| 2A.3        | Assoc. Prof. Dr. Ayşe TOLUK  | Asst. Prof. Dr. Yaşar GÜLMEZ  |
| 9:00-9:15   | <b><u>Altaher Ali Aon ALMHDI</u> &amp; İbrahim KÜÇÜKBASMACI</b>  | Fauna of The Trichoptera (Insecta) of Zarbana Stream (Kastamonu)  |
| 9:15-9:30   | <b>Yasin ÜNAL, Ahmet KOCA, Mevlüt ZENBİLCİ &amp; Mehmet Şirin YELSİZ</b>   | Population Situation and Field Use of Fallow Deer ( <i>Cervus dama</i> L.) in Antalya / Düzlerçamı Wildlife Development Area      |
| 9:30-9:45   | <b><u>Asli DOĞAN SARIKAYA</u>, Yavuz KOÇAK &amp; Atılay Yağmur OKUTANER</b>  | A Geometric Morphometric Appraisal of Pronotum Shape in Four Tiger Beetle Species (Coleoptera: Cicindelidae) from Turkey          |
| 9:45-10:00  | <b>Halil SÜEL, İdris OĞURLU &amp; Emrah Tağı ERTUĞRUL</b>  | Bird Fauna of Karacaören I Dam Lake   |
| 10:00-10:15 | <b><u>Halil KOC</u>, Ersen Aydın YAĞMUR &amp; Frantisek STAHLAVSKY</b>   | The first record of karyotypes in <i>Hottentotta saulcyi</i> and <i>Buthacus macrocentrus</i> (Scorpiones: Buthidae) from Turkey. |
| 10:15-10:30 | COFFEE BREAK   |   |
| 10:30-11:00 | Keynote Session (HALL 1A) : Prof. Dr. Krzysztof SZOSZKIEWICZ<br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br>Keynote Session (HALL 1B) : Prof. Dr. Çağatay GÜLER<br>"Ecology, Environment and Public Health" |   |
| 11:00-11:15 | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>2A.4 | Animal Biodiversity  |  |
|-----------------|--|--|
|                 | Session Chair  | Session Chair Assistant  |
| 11:15-11:30     | <b>Akın KIRAC &amp; Ahmet MERT</b>   | Habitat suitability mapping of <i>Anatololacerta danfordi</i> (Günter, 1876) in Isparta-Sütçüler District, Turkey              |
| 11:30-11:45     | <b>Mehmet Ali KIRPIK &amp; Yağmur YILDIZ</b>   | Detected Exotic and Invasive Species in Susuz and Aygir Lakes (Kars), Cildir and Aktas Lakes (Ardahan)                         |
| 11:45-12:00     | <b>Berna YALÇINKAYA, Halil SÜEL, Emrah Tagi ERTUĞRUL &amp; Ahmet MERT</b>  | Using MaxEnt to Create a Gray Wolf Habitat Suitability Map In Lakes District, Turkey   |
| 12:00-12:15     | <b>Musa DINC, Bahar Elif KOCAMANOGLU, Ahmet DUMAN, Mustafa TUFEKÇIOGLU, Canan Acikgoz HARSIT &amp; Aydın TUFEKÇIOGLU</b> | Determination of Biodiversity Indices and Affecting Factors in Velikoy, Ispir and Taht Micro-Basin                             |
| 12:15-12:30     | <b>Ahmet Mutlu GÖZLER, Nimet Selda BAŞÇINAR &amp; Dilek FIDAN</b>  | Invertebrates Fauna of River Discharge Area in the Southeastern Black Sea during Summer  |
| 12:30-13:30     | LUNCH  |  |
| SESSION<br>2A.5 | Animal Biodiversity  |  |
|                 | Session Chair  | Session Chair Assistant  |
|                 | <b>Assoc. Prof. Dr. Mehmet Ali KIRPIK</b>  | <b>Asst. Prof. Dr. Aslı DOĞAN SARIKAYA</b>   |
| 13:30-13:45     | <b>Derya ÇİFTÇİ</b>  | Ultrastructure of Egg Chorion of Vulnerable Species <i>Morimus funereus</i> Mulsant, 1862 (Coleoptera: Cerambycidae)           |
| 13:45-14:00     | <b>Vehbi GÜNEŞ, Ali Cesur ONMAZ, İhsan KELEŞ, Gencay EKİNCİ &amp; Kemal VAROL</b>  | A study on ECG patterns and parameters in Eagle and Hawk of Zoo  |
| 14:00-14:15     | <b>Gülhan ŞAHİN &amp; Hasan Hüseyin ÖZBEK</b>  | A newly recorded mesostigmatic mite species from north-eastern Turkey: <i>Pachylaelaps pectinifer</i> (Acari: Pachylaelapidae) |
| 14:15-14:30     | <b>Hakan KARAARDIÇ, Christoph MEIER, Feyyaz KÖSE &amp; Felix LIECHTI</b>   | East Mediterranean Migration Routes of Alpine Swift ( <i>Apus melba</i> ) by Using Light-level Geolocator                      |
| 14:30-14:45     | <b>Hasan SEVGİLİ, Deniz ŞİRİN, Klaus-Gerhard HELLER &amp; Michèle LEMONNIER-DARCEMONT</b>                                | Bioacoustics and distribution of Poecilimon ( <i>Poecilimon</i> ) <i>zonatus</i> species-group (Orthoptera: Phaneropterinae)   |
| 14:45-15:00     | COFFEE BREAK   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                     |   |   |
|---------------------|---|---|
| 15:00-15:30         | <b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b><br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b><br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |   |
| 15:30-15:45         | COFFEE BREAK  |   |
| <b>SESSION 2A.6</b> | <b>Animal Biodiversity</b>  |   |
|                     | <b>Session Chair</b>  | <b>Session Chair Assistant</b>  |
|                     | <b>Assoc. Prof. Dr. Ahmet Mutlu GÖZLER</b>  | <b>Asst. Prof. Dr. Hakan KARAARDIÇ</b>  |
| 15:45-16:00         | <b>Osman Seyyar, Anıl Oba, Hakan Demir &amp; Tuncay Türkeş</b>  | Biodiversity of Spiders in the Afyonkarahisar Province, Turkey  |
| 16:15-16:30         | <b>Tuba YAĞCI &amp; Eda ŞEN</b>   | Determination of Biodiversity of Small Mammalian Fauna in Bilecik Province  |
| 16:30-16:45         | <b>Yaşar GÜLMEZ &amp; İlyas CAN</b>   | Contributions to the knowledge of Crabronidae (Insecta: Hymenoptera) fauna of Erzincan, Turkey                            |
| 16:45-17:00         | <b>Zeliha ÇOLAK TOKA &amp; İbrahim BARAN</b>  | The Herpetofauna of Giresun, Turkey   |
| 17:00-17:15         | <b>Abdullah İNCİ, Alparslan YILDIRIM, Zuhâl ÖNDER, Önder DUZLU, Bilal DİK, Arzu Gürsoy ERGEN, Arif ÇİLOĞLU, Gediminas VALKIUNAS &amp; Staffan BENSCH</b>  | Blood-meal Analyses and Haemosporidian Diversity in Culicoides and Mosquito Species Collected from Sultan Marshes, Turkey |

## Saturday, 13 May 2017 (HALL 2A)

|                     |  |   |
|---------------------|--|---|
| <b>SESSION 2A.7</b> | <b>Animal Biodiversity</b>   |   |
|                     | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                     | <b>Prof. Dr. Raşit URHAN</b>   | <b>Asst. Prof. Dr. Sedat PER</b>  |
| 9:00-9:15           | <b>Sibel DOĞAN, Salih DOĞAN, Meryem BİNGÜL, Erhan ZEYTUN &amp; Orhan ERMAN</b> | First Description of the Larva of <i>Stigmaeus erzincanus</i> (Acari: Stigmaeidae) from Kemah District (Erzincan)             |
| 9:15-9:30           | <b>Meryem BİNGÜL, Salih DOĞAN &amp; Nusret AYYILDIZ</b>                        | Two Newly Recorded Species of Oribatid Mites (Acari, Oribatida) for the Turkish Fauna from the Erzincan Urban Center          |
| 9:30-9:45           | <b>Mehmet KARACA, Elif Hilal DURAN, Gamze KARACA &amp; Raşit URHAN</b>         | The Diversity of Zerconid Mites (Acari: Zerconidae) of Thrace Region (Northwestern Turkey) - II                               |
| 9:45-10:00          | <b>Harun GEÇİT &amp; Hasan Hüseyin ÖZBEK</b>                                   | A newly recorded phoretic mite species from Bayburt Province, Turkey: <i>Neopodocinum meridionalis</i> (Acari: Macrochelidae) |
| 10:00-10:15         | COFFEE BREAK   |   |



# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>2A.8 | Animal Biodiversity   |  |
|-----------------|---|--|
|                 | Session Chair   | Session Chair Assistant  |
| 10:15-10:30     | <b><u>Beril SUSYAL &amp; Şule BARAN</u></b>   | Oribatid mites associated with chestnut tree in Sakarya Province   |
| 10:30-10:45     | <b><u>Erhan ZEYTUN, Mustafa YAZICI, Yücel KARAKURT, Engin TİLKİ &amp; Salih DOĞAN</u></b> | The Relationship Between <i>Demodex</i> Mites (Acari: Demodicidae) Density and Skin Moisture, pH and Temperature in Individuals with Demodicosis   |
| 10:45-11:00     | <b><u>Ebru AKMAN, Sezai ADİL &amp; Sevgi SEVSAY</u></b>                                   | The Abnormalities Observed in Larvae of <i>Allothrombium kekko</i> (Southcott, 1986) (Acari: Trombididae)  |
| 11:15-11:30     | <b><u>Adem KESKİN, Ahmet Yeşari SELÇUK &amp; Haluk KEFELİOĞLU</u></b>                     | Ticks (Acari: Ixodidae) on small mammals from Samsun Province of Turkey with new tick-host records   |
| 11:30-11:45     | COFFEE BREAK  |  |
| SESSION<br>2A.9 | Animal Biodiversity   |  |
|                 | Session Chair   | Session Chair Assistant  |
|                 | <b><u>Prof. Dr. Salih DOĞAN</u></b>   | <b><u>Assoc. Prof. Dr. Ayşe TOLUK</u></b>  |
| 11:45-12:00     | <b><u>Sedat PER &amp; Mustafa Erol ŞENEL</u></b>  | Oribatid Mites of Yılanlı Mountain (Kayseri)   |
| 12:00-12:15     | <b><u>Uğur Cengiz ERİŞMİŞ &amp; Selin GÜLEÇ</u></b>                                       | Survey of Amphibian Pathogen ( <i>Batrachochytrium dendrobatidis</i> on the Collections of Turkish Water Frogs ( <i>Pelodytes caralitina</i> , <i>P. ridibunda</i> and <i>P. bediragae</i> ) |
| 12:15-12:30     | <b><u>Dinçer AYZAZ &amp; Yusuf BAYRAKCI</u></b>   | Conservation Activities of Euphrates Softshell Turtle <i>Rafetus euphraticus</i> within the borders of Gaziantep   |
| 12:30-12:45     |   |  |
| 12:45-13:30     | LUNCH   |  |
| 13:30-14:30     | EVALUATION AND CLOSING MEETING  |  |
| 14:30-19:00     | Excursion of Kayseri city   |  |
| 20:00-23:00     | GALA DINNER   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                           |  |  |
|--------------------------------|--|--|
| NAME                           | <b>HALL 2B</b>   |  |
| PLACE                          | Erciyes University (Main Campus)<br>Faculty of Science   |  |
| THEME                          | <b>Animal Biodiversity</b>   |  |
| Thursday 11 May 2017 (HALL 2B) |  |  |
| <b>SESSION 2B.1</b>            | <b>Animal Biodiversity</b>   |  |
|                                | <b>Session Chair</b>   | <b>Session Chair Assistant</b>   |
|                                | <b>Prof. Dr. Nazife YİĞİT KAYHAN</b>   | <b>Asst. Prof. Dr. Ahmet Selçuk ÖZEN</b>   |
| 13:30-13:45                    | <b>Mustafa Cemal ÇİFTÇİ</b>  | Species Diversity of Empididae (Diptera) in Siirt Province   |
| 13:45-14:00                    | <b>Murat BİRİCİK, Recep KARAKAŞ &amp; Ahmet KILIÇ</b>  | Parental Activities during Incubation and Chick Care Periods in a South-eastern Anatolian Population of the European Roller ( <i>Coracias garrulus</i> ) |
| 14:00-14:15                    | <b>Ufuk BÜLBÜL, Bilal KUTRUP, Ali İhsan EROĞLU, Halime KOÇ, Muammer KURNAZ &amp; Yasemin ODABAŞ</b>  | Life-history traits in a Turkish population of <i>Bombina variegata</i> (L., 1758)   |
| 14:15-14:30                    | <b>İlkay ÇORAK ÖCAL, Nazife YİĞİT KAYHAN, Zafer SANCAK &amp; Halil KOÇ</b>   | Arachnid Fauna of Around of Cankiri Salt Caves   |
| 14:30-14:45                    |  |  |
| 14:45-15:00                    | COFFEE BREAK   |  |
| 15:00-15:30                    | <b>Keynote Session (HALL 1A) : Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Osman SAMSON</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |  |
| 15:30-15:45                    | COFFEE BREAK   |  |
| <b>SESSION 2B.2</b>            | <b>Animal Biodiversity</b>   |  |
|                                | <b>Session Chair</b>   | <b>Session Chair Assistant</b>   |
|                                | <b>Assoc. Prof. Dr. Recep KARAKAŞ</b>  | <b>Asst. Prof. Dr. İlkay ÇORAK ÖCAL</b>  |
| 15:45-16:00                    | <b>Halil İBRAHİMİ, Edin PALI, Astrit BİLALLI &amp; Milaim MUSLUU</b>   | New records for the caddisfly (Insecta: Trichoptera) fauna of Montenegro   |
| 16.15-16:30                    | <b>İlkay ÇORAK ÖCAL, Nazife YİĞİT KAYHAN &amp; Mustafa AVŞAR</b>   | Ecology and External Morphology of A Harvestmen, <i>Egaenus convexus</i> (Koch, 1835) (Opilionida: Phalangiiidae)  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |   |   |
|-------------|---|---|
| 16:30-16:45 | <b>Emrah ŞİMŞEK, Arif ÇİLOĞLU, Alparslan YILDIRIM &amp; Gökmen Zafer PEKMEZCİ</b> | Molecular Identification of <i>Hysterothylacium</i> spp. (Nematoda: Anisakidae) From <i>Boops boops</i> Caught off Aegean Sea, Turkey |
| 16:45-17:00 | <b>Ahmet Selçuk ÖZEN, Mehmet GÜNDÜZ &amp; Murat Erdem GEZGİN</b>                  | The Distribution Localities of Indian Crested Porcupine, <i>Hystrix indica</i> (Mammalia: Rodentia) and Morphological Contributions   |
| 17:00-17:15 | <b>Cemal Varol TOK, Murat AFSAR &amp; Kerim ÇİÇEK</b>                             | Conservation activities for the endemic Anatolian meadow viper, <i>Vipera anatolica</i> Eiselt & Baran, 1970                          |

## Friday, 12 May 2017 (HALL 2B)

| SESSION<br>2B.3 | Animal Biodiversity  |  |
|-----------------|--|--|
|                 | Session Chair  | Session Chair Assistant  |
|                 | <b>Prof. Dr. Kürşad ÖZKAN</b>  | <b>Asst. Prof. Dr. Murat KARAVİN</b>   |
| 9:00-9:15       | <b>Arzu Gürsoy ERGEN</b>   | Status, Distribution and Threats of White-headed Duck ( <i>Oxyura leucocephala</i> ) in Central Anatolia                     |
| 9:15-9:30       | <b>Abdullah ALTUNİŞİK</b>  | Age structure of a <i>Ommatotriton vittatus</i> (Urodela: Salamandridae) population from Mersin, Turkey                      |
| 9:30-9:45       | <b>Çağrı BEKİRCAN, Hilal BAKI &amp; Onur TOSUN</b>   | Description of a novel neogregarine from <i>Anisoplia segetum</i> Herbst (Coleoptera: Scarabaeidae)                          |
| 9:45-10:00      | <b>İbrahim KÜÇÜKBASMACI &amp; Savaş CANBULAT</b>   | A List of the Caddisflies (Insecta: Trichoptera) Species of Kyrgyzstan, with a New Record                                    |
| 10:00-10:15     | <b>Cem TOKATLI</b>   | Use of factor and cluster analysis to evaluate the surface and groundwater quality of Balkan Arboretum area (Edirne, Turkey) |
| 10:15-10:30     | COFFEE BREAK   |  |
| 10:30-11:00     | Keynote Session (HALL 1A) : <b>Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |  |
| 11:00-11:15     | COFFEE BREAK   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>2B.4 | Animal Biodiversity   |  |
|-----------------|---|--|
|                 | Session Chair   | Session Chair Assistant  |
| 11:15-11:30     | <b>Murat KARAVİN &amp; Onur DEDE</b>  | Auchenorrhyncha (Insecta, Hemiptera) Species Distributed in Cherry Orchards in Amasya, Turkey                |
| 11:30-11:45     | <b>Meriç Lütfi AVSEVER</b>  | Isolation of <i>Vibrio vulnificus</i> from bivalve molluscs in Turkey  |
| 11:45-12:00     | <b>Mehmet YARAN, Murat KÜTÜK, Rüstem HAYAT, Vedat GÖRMEZ, M. Ömür KOYUNCU &amp; Halil Uğur AYTEKİN</b>  | Fruit flies (Diptera: Tephritidae) fauna of Şanlıurfa province with a new record for Turkey                  |
| 12:00-12:15     | <b>Hakan KARAARDIÇ &amp; Leyla ÖZKAN</b>  | Migratory and Breeding Numbers of Collared pratincole ( <i>Glareola pratincola</i> ) in South-Western Turkey |
| 12:15-12:30     | <b>Ayşe TOLUK, Abdulkadir TAŞDEMİR, Ali Tuğrul AKİN &amp; Nusret AYYILDIZ</b>   | Known and Unknown Records of Oribatid Mites (Acari) from Mersin Province, Turkey                             |
| 12:30-13:30     | LUNCH   |  |
| SESSION<br>2B.5 | Animal Biodiversity   |  |
|                 | Session Chair   | Session Chair Assistant  |
|                 | <b>Assoc. Prof. Dr. Cem TOKATLI</b>   | <b>Asst. Prof. Dr. Tarkan YORULMAZ</b>   |
| 13:30-13:45     | <b>Turgut ATAY, Mustafa ÖZDEMİR &amp; Kenan KARA</b>  | Tachinids (Diptera: Tachinidae) Reared from Lepidopterous Hosts in Kayseri Provinces                         |
| 13:45-14:00     | <b>Teoman KANKILIÇ, Perinçek Seçkinozan SEKER, Arif Can ERDİK, Engin SELVİ, Tolga KANKILIÇ &amp; Ercüment ÇOLAK</b>   | Mitochondrial Phylogeny of <i>Dryomys nitedula</i> (Mammalia: Rodentia) from Turkey                          |
| 14:00-14:15     | <b>Nurcan DEMİRCAN &amp; Aydın TOPÇU</b>  | Revised and Updated Checklist of the Araneofauna of Turkish Caves  |
| 14:15-14:30     | <b>Serap MUTUN, Serdar DİNÇ &amp; Cemalettin ÖZARSLAN</b>   | More to Come on Oak Gall Wasps: Preliminary Analyses on <i>Cynips quercus</i> mtDNA cyt b Gene               |
| 14:30-14:45     | <b>Sera Ovgu URCUN &amp; İsmail İbrahim TURNA</b>   | Hydroid Polyp Fauna Of The Eastern Coast Of The Gulf Of Antalya Alanya                                       |
| 14:45-15:00     | COFFEE BREAK  |  |
| 15:00-15:30     | <b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b><br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b><br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |  |
| 15:30-15:45     | COFFEE BREAK  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>2B.6 | Animal Biodiversity   |   |
|-----------------|---|---|
|                 | Session Chair   | Session Chair Assistant   |
|                 | Assoc. Prof. Dr. Serap MUTUN  | Asst. Prof. Dr. Murat KARAVIN   |
| 15:45-16:00     | <b>Savaş CANBULAT, İbrahim KÜÇÜKBASMACI &amp; Cihan CİLBİRCİOĞLU</b>                | Determination of Living Harmful and Beneficial Insect Species of Garlic ( <i>Allium sativa</i> ) of Taşköprü and Hanönü Districts, Kastamonu Province |
| 16:15-16:30     | <b>Sezai ADİL &amp; Sevgi SEVSAY</b>  | Ecological Requirements of Velvet Mites (Trombidioidea)   |
| 16:30-16:45     | <b>Tarkan YORULMAZ &amp; İrfan ALBAYRAK</b>   | Findings of Hibernation in Some Species of Bats in Turkey   |
| 16:45-17:00     | <b>Osman İBİŞ, Ahmed Qasim NAJJ, Mohammad MORADI, Servet ÖZCAN &amp; Coşkun TEZ</b> | Genetic Analysis of Brown Hare Populations from Iran and Iraq Based on Mitochondrial COXI Sequences   |

**Saturday, 13 May 2017 (HALL 2B)**

|             |                                |
|-------------|--------------------------------|
| 12:45-13:30 | LUNCH                          |
| 13:30-14:30 | EVALUATION AND CLOSING MEETING |
| 14:30-19:00 | Excursion of Kayseri city      |
| 20:00-23:00 | GALA DINNER                    |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                          |  |   |
|-------------------------------|--|---|
| NAME                          | <b>HALL 3</b>  |   |
| PLACE                         | Erciyes University (Main Campus)<br>Faculty of Science   |   |
| THEME                         | <b>Ecotoxicology</b>   |   |
| Thursday 11 May 2017 (HALL 3) |  |   |
| SESSION<br>3.1                | Ecotoxicology  |   |
|                               | Session Chair  | Session Chair Assistant   |
|                               | Prof. Dr. Majeti Narasimha Vara PRASAD   | Asst. Prof. Dr. Gökçen BAYSAL FURTANA   |
| 13:30-13:45                   | <u>Domenico MORABITO</u> , Ibrahim Alidou ARZIKA, Manhattan LEBRUN, Florie MIARD, Romain NANDILLON, Oumayma LAHWEGUE, Jean Christophe LÉGER, Sylvain BOURGERIE & Gülriz BAYÇU  | Use of Biochar Obtained From Wood Feedstock to Reduce Lead Contamination in Mining Soil, Effect on <i>Ailanthus altissima</i> growth and Lead Plant Accumulation              |
| 13:45-14:00                   | <u>Ayşe Nihal GÖMÜRGEN</u> , Gökçen Baysal FURTANA, Selim SANIN & Rukiye TIPIRDAMAZ  | Cytotoxic and Genotoxic Effects of Endosulphan  |
| 14:00-14:15                   | <u>Burcu YEŞİLBUDAK</u>  | Effects of Selenium, Zinc and Nickel on Total Protein Level and Na <sup>+</sup> /K <sup>+</sup> -ATPase Activity of Intestine and Muscle Tissues of <i>Clarias gariepinus</i> |
| 14:15-14:30                   | <u>İlker KEPENEKÇİ</u> , Onur DURA & Sami DURA   | Determination of nematicidal effects of some biopesticides against root-knot nematode ( <i>Meloidogyne incognita</i> ) on kiwifruit   |
| 14:30-14:45                   | <u>Ekrem BÖLÜKBAŞI</u> & Sumer ARAS  | Effect of Zinc Heavy Metal Stress on FAD2 Genes in Safflower Plants ( <i>Carthamus tinctorious</i> L.)  |
| 14:45-15:00                   | COFFEE BREAK   |   |
| 15:00-15:30                   | Keynote Session (HALL 1A) : Prof. Dr. Majeti Narasimha Vara PRASAD<br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : Prof. Dr. Osman SAMSUN<br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |   |
| 15:30-15:45                   | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>3.2 | Ecotoxicology  |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Dilek DEMİREZEN YILMAZ   | Asst. Prof. Dr. Koray ÖZŞEKER   |
| 15:45-16:00    | <u>Awet Tekeste Tsegaj</u> , Anna-Lena Grun, Straskraba S., Kohl Y., Meier F., Drexel R., Tunc Erdihan & Emmerling Christoph | Effects Of Polystyrene Nanoparticles On Soil Microbiotas  |
| 16.15-16:30    | <u>Ökkeş YILMAZ</u> , <u>Alpaslan DAYANGAC</u> , S. Esmâ TUĞ, Belgin ERDEM & Ersin DEMİR                                     | The Effect of <i>Pinus nigra</i> extract on Anti-Oxidant Enzymes Values in Liver Tissue of Diabetic Rats                |
| 16:30-16:45    | <u>Seyda YILMAZ</u> , <u>Dilek DEMİREZEN YILMAZ</u> & <u>Fatih Doğan KOCA</u>  | Investigation Of Heavy Metal Pollution In Different Compartments Of Hürmetçi Marshes (Turkey)                           |
| 16:45-17:00    | <u>Ayşe Gül Harlıoğlu</u>  | Changes in Fatty Acid Composition during Development of Eggs and Larvae in Rainbow Trout ( <i>Oncorhynchus mykiss</i> ) |
| 17:00-17:15    | <u>Bulanchuk I.</u> , <u>Polishchuk S.</u> & <u>Khyzhnyak S.</u>   | Bioremediation Of Pesticides For Their Impact On Soil Biota   |

## Friday, 12 May 2017 (HALL 3)

| SESSION<br>3.3 | Ecotoxicology  |  |
|----------------|--|--|
|                | Session Chair  | Session Chair Assistant  |
|                | Prof. Dr. Nüket SİVRİ  | Asst. Prof. Dr. Koray ÖZŞEKER  |
| 9:00-9:15      | <u>Kerem CANLI</u> & <u>Barbaros ÇETİN</u>   | Heavy Metal Concentrations in Mosses Collected from Livingstone Island (Antarctic)                                       |
| 9:15-9:30      | <u>Hülya ALTUNTAŞ</u> & <u>Emine DUMAN</u>   | Evaluation of The Biological Effects of Juglone on The <i>Galleria mellonella</i> (Lepidoptera: Pyralidae)               |
| 9:30-9:45      | <u>Gülbin FİRİDİN</u>  | Cadmium Toxicity In The Gill Of Oreochromis niloticus  |
| 9:45-10:00     | <u>Temel SARIYILDIZ</u> , <u>Gamze SAVACI</u> & <u>Hatem Asteil Ahmed ALJAZWEI</u>   | Assessing the potential for zinc, copper, lead and cadmium phytoremediation with Oat plants ( <i>Avena sativa</i> Linn.) |
| 10:00-10:15    | <u>Gökçen BAYSAL FURTANA</u> , <u>Ayşe Nihal GÖMÜRGEN</u> , <u>Selim SANİN</u> & <u>Rukiye TIPIRDAMAZ</u>  | The Effects of Endosulfan on Growth and Lipid Peroxidation in <i>Allium cepa</i>   |
| 10:15-10:30    | COFFEE BREAK   |  |
| 10:30-11:00    | Keynote Session (HALL 1A) : <b>Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| 11:00-11:15    |   | COFFEE BREAK   |                                       |
|----------------|---|--|---------------------------------------|
| SESSION<br>3.4 | Ecotoxicology   |  |                                       |
|                | Session Chair   |  | Session Chair Assistant               |
|                | Prof. Dr. Majeti Narasimha Vara PRASAD  |  | Asst. Prof. Dr. Kerem CANLI           |
| 11:15-11:30    | <u>Serpil AKÖZCAN</u> & Cemile ÖZCAN  | Environmental Radionuclides in Meric River Region, Turkey  |                                       |
| 11:30-11:45    | <u>Fatih Oguz BEKDEMİR</u> & Dilek PANDIR   | Usage of Randomly Amplified Polymorphic DNA (RAPD) in Ecotoxicologic Study on <i>Allium cepa</i>   |                                       |
| 11:45-12:00    | <u>Fatih TABANLI</u> , İbrahim İlker ÖZYİĞİT, Mehmet Emin URAS, Ecem BALCI, Bihter UÇAR & Aysu Naz ATALAY   | Screening of Damage Induced by some Heavy Metals (Cd, Cu, Ni and Pb) in <i>Bacopa monnieri</i> (L.) Pennell: A Genetic and Physiological Approach    |                                       |
| 12:00-12:15    | <u>Ertan YOĞLU</u> , Miraç UÇKUN & Aysel ALKAN UÇKUN  | Effects of Metal Pollution on Metallothionein Level of Mussels in Atatürk Dam Lake   |                                       |
| 12:15-12:30    | <u>Numan Emre GÜMÜŞ</u> & <u>Cengiz AKKÖZ</u>   | Determination Of Heavy Metals in Of Water And Sediment From The Eber Lake (Turkey)   |                                       |
| 12:30-13:30    |   | LUNCH  |                                       |
| SESSION<br>3.5 | Ecotoxicology   |  |                                       |
|                | Session Chair   |  | Session Chair Assistant               |
|                | Prof. Dr. İlker İbrahim ÖZYİĞİT   |  | Asst. Prof. Dr. Gökçen BAYSAL FURTANA |
| 13:30-13:45    | <u>M. Enis YONAR</u> , Sibel SİLİCİ, Serpil MİŞE YONAR, M. Şener URAL, Mücahit EROĞLU & Ünal İSPIR  | Protectiveness of Polen on Deltamethrin Toxicity in <i>Cyprinus carpio</i>   |                                       |
| 13:45-14:00    | <u>Evren YILDIZTUGAY</u> , Ceyda OZFIDAN-KONAKCI, Mustafa KUCUKODUK & Aysegul YILDIZTUGAY   | Understanding Protective Mechanism of Exogenous Ectoine Treatments to Remove Oxidative Damage Induced by Cadmium Treatment in <i>Zea mays</i> Leaves |                                       |
| 14:00-14:15    | <u>Bülent VEREP</u> , Tanju MUTLU, Tamer AKKAN & Cengiz MUTLU   | Heavy Metal Pollution in Some Demersal Fish Species Caught on South-Eastern Black Sea Coasts (Trabzon and Artvin)                                    |                                       |
| 14:15-14:30    | <u>Aydın TÜRKYILMAZ</u> , Hakan ŞEVİK & Kaan İŞINKARALAR  | Investigation Of Heavy Metal Accumulation In The Black Pine Needles  |                                       |
| 14:30-14:45    | <u>Ayşe GÜNDOĞDU</u> , Erdi GÜLTEPE & Uğur CARLI  | Investigation of Anionic Detergent Pollution in Karasu Stream (Sinop - Turkey)   |                                       |
| 14:45-15:00    |   | COFFEE BREAK   |                                       |
| 15:00-15:30    | Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR<br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP<br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |  |                                       |



# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                |  |   |
|----------------|--|---|
| 15:30-15:45    | COFFEE BREAK   |   |
| SESSION<br>3.6 | Ecotoxicology  |   |
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Sibel SİLİCİ   | Dr. Gülbin FİRİDİN  |
| 15:45-16:00    | <u>İbrahim İlker ÖZYİĞİT</u> , Bahattin YALÇIN & Aslı HOCAOĞLU                           | <i>Zostera marina</i> Problem in the Northern Coasts of the Sea of Marmara:<br>An Alternative Way for Solution  |
| 16:15-16:30    | <u>Mehmet Emin URAS</u> , İbrahim İlker OZYIGIT, Azim ÖZTÜRK, Uğur SEN & Ertugrul YALCIN | Evaluation of heavy metal accumulation capacity of <i>Myriophyllum spicatum</i> in artificially contaminated waters; insights into aquatic bioremediation |
| 16:30-16:45    | <u>Koray OZSEKER</u> , Coskun ERUZ & İlknur YILDIZ                                       | Spatial Dispersion and Ecological Risk Assessment of Heavy Metals in Sediment Pore Water around Trabzon Harbor, Turkey                                    |
| 16:45-17:00    | <u>Serpil KÖNEN ADIGÜZEL</u> , Ayça AKTAŞ, Dilek BATTAL & Serap ERGENE                   | Investigation Using Comet Assay Of The Genotoxic Effect Of Sertraline In Rat Bone Marrow Cells: In Vivo Exposure  |
| 17:00-17:15    | <u>Salih DİKİLİTAŞ &amp; Özlem AKSOY</u>   | Genotoxic Effects Of Some Food Colorants on <i>Zea mays</i> L. var. <i>saccharata</i> Sturt.  |
| 17:15-17:30    | <u>Serpil Mişe YONAR</u> , Sibel SİLİCİ, M. Enis YONAR, Ayşegül PALA & Naim SAĞLAM       | The Protective Effect of Propolis on Paraoxonase and Arylesterase Activities of Carp Exposed to Trichlorfon   |

## Saturday, 13 May 2017 (HALL 3)

|                |  |   |
|----------------|--|---|
| SESSION<br>3.7 | Ecotoxicology  |   |
|                | Session Chair  | Session Chair Assistant   |
|                | Assoc. Prof. Dr. İlhan ÖZEN  | Asst. Prof. Dr. Adnan AKÇİN   |
| 9:00-9:15      | <u>Sevcan MAMUR</u> , Esra ERİKEL, Serkan YILMAZ, Deniz YÜZBAŞIOĞLU & Fatma ÜNAL | The Potential Genotoxic Effect of Mycotoxin Enniatin-A by Chromosomal Aberration and Micronucleus Assay <i>In Vitro</i>                               |
| 9:15-9:30      | <u>Dursun KISA</u> , Mahfuz ELMASTAŞ & Lokman ÖZTÜRK                             | Responses of Fatty Acids and Phenolic Compounds of Leaves of Corn Exposed to Heavy Metals   |
| 9:30-9:45      | <u>Serkan KÜKRER</u>   | A comparative study: Assessment of heavy metal accumulation in surface sediments of Four Northeast Anatolia Lakes of Turkey by Toxic Risk Index (TRI) |
| 9:45-10:00     |  |   |
| 10:00-10:15    | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>3.8 | Ecotoxicology   |  |
|----------------|---|--|
|                | Session Chair   | Session Chair Assistant  |
|                | Assoc. Prof. Dr. Turgay ŞİŞMAN                              | Dr. Sevcan MAMUR   |
| 10:15-10:30    | <b>İbrahim ÖRÜN &amp; Nuh KORKMAZ</b>                       | THE EFFECTS OF PESTICIDE NEEMAZAL ON ANTIOXIDANT SYSTEM OF CARPS (Cyprinus carpio L. 1758)   |
| 10:30-10:45    | <b>Muhammet Rasit SÜNBUİL &amp; Memet VAROL</b>             | Organochlorine Pesticides in Euphrates Barbell ( <i>Luciobarbus mystaceus</i> ) Collected from Keban Dam Reservoir (Elazığ, Turkey)  |
| 10:45-11:00    | <b>Songül BUDAK DİLER &amp; Fikriye POLAT</b>               | The <i>In Vitro</i> Genotoxic Effects of Ursodeoxycholic Acid on Human Peripheral Blood Lymphocytes                                  |
| 11:15-11:30    | <b>Kemal KOC &amp; Dilek PANDIR</b>                         | Assessment of the ecotoxic effect of the UV radiations via micro gel electrophoresis   |
| 11:30-11:45    | COFFEE BREAK  |  |
| SESSION<br>3.9 | Ecotoxicology   |  |
|                | Session Chair   | Session Chair Assistant  |
|                | Prof. Dr. Nüket SIVRI                                       | Dr. Dursun KISA  |
| 11:45-12:00    | <b>İlhan ÖZEN, Gamze OKYAY &amp; Abdullah ULAŞ</b>          | Effects Of Different Coating Conditions On Water And Fertilizer Release Properties Of Ammonium Nitrate Containing Nonwoven Materials |
| 12:00-12:15    | <b>Turgay ŞİŞMAN &amp; Muhammed Çağrı KESKİN</b>            | Histopathological Effects of Environmental Pollution on Liver of Marsh Frog ( <i>Pelophylax ridibundus</i> ) Living Karasu Basin     |
| 12:15-12:30    | <b>Adnan AKÇİN, Cengiz YILDIRIM &amp; Tülay AYTAŞ AKÇİN</b> | The Effect of Fulvic Acid on Photosynthetic Pigments and Malondialdehyde Content In Bread Wheat Exposed to Chromium Stress           |
| 12:30-12:45    |   |  |
| 12:45-13:30    | LUNCH   |  |
| 13:30-14:30    | EVALUATION AND CLOSING MEETING                              |  |
| 14:30-19:00    | Excurcion of Kayseri city                                   |  |
| 20:00-23.00    | GALA DINNER   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                                 |  |   |
|--------------------------------------|--|---|
| NAME                                 | <b>HALL 4</b>  |   |
| PLACE                                | Erciyes University (Main Campus)<br>Faculty of Science   |   |
| THEME                                | <b>Urbanization and Environmental Problems</b>   |   |
| <b>Thursday 11 May 2017 (HALL 4)</b> |  |   |
| <b>SESSION<br/>4.1</b>               | Urbanization and Environmental Problems  |   |
|                                      | Session Chair  | Session Chair Assistant   |
|                                      | Prof. Dr. Kadir SALTALI  | Asst. Prof. Dr. Işık SEZEN  |
| 13:30-13:45                          | <u>Melda DÖLARSLAN</u> , Ebru GÜL & Sabit ERŞAHİN  | Phytoecological properties of abandoned mines located in semi-arid areas  |
| 13:45-14:00                          | <u>Mustafa Can CANOĞLU</u>   | Detection of Saturation Excess Runoff Locations in the Wetlands of Sinop City and Determination of Landslide Production Potential                       |
| 14:00-14:15                          | <u>Metehan KORHAN ÖZKÖK</u> , Fatma ÖNDER ÖZSEKER, Ezgi TOK, Hatice Meltem GÜNDOĞDU & Göksele DEMİR  | The Evaluation of Urban Development Processes in terms of Sustainability and Applicability of Compact City Model, The Case of Kırklareli Urban District |
| 14:15-14:30                          | <u>Işık SEZEN</u> , Neslihan DEMİRCAN & Esen Sezen KARAOĞLAN   | Biodiversity And Urban Gardens: Erzurum (Turkey) Medicinal And Aromatic Plants Used In Urban Gardens  |
| 14:30-14:45                          | <u>Roya FARSHI SADABADI</u>  | Preserving Environmental Problems Of Iran-Hamoon Lake   |
| 14:45-15:00                          | COFFEE BREAK   |   |
| 15:00-15:30                          | Keynote Session (HALL 1A) : <u>Prof. Dr. Majeti Narasimha Vara PRASAD</u><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <u>Prof. Dr. Osman SAMSUN</u><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |   |
| 15:30-15:45                          | COFFEE BREAK   |   |
| <b>SESSION<br/>4.2</b>               | Urbanization and Environmental Problems  |   |
|                                      | Session Chair  | Session Chair Assistant   |
|                                      | Prof. Dr. Çağatay GÜLER  | Asst. Prof. Dr. Mustafa Can CANOĞLU   |
| 15:45-16:00                          | <u>Günay ÇAKIR</u> & Murat AYDIN   | Municipal Solid Waste Management in Gumushane of Turkey   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |   |   |
|-------------|---|---|
| 16.15-16:30 | <b><u>İlhami DOĞAN</u> &amp; Murat KARABULUT</b>                      | An Examination of Temporal and Spatial Trends of Growing Degree Days in the Eastern Mediterranean, Turkey |
| 16:30-16:45 | <b><u>Kadir SALTALI</u>, Zekeriya KARA &amp; Tamer RIZAOĞLU</b>       | Natural Risk in Ecosystem: Asbestos Minerals in Soil-Forming Rocks  |
| 16:45-17:00 | <b><u>Neira Purwanty ISMAİL</u> &amp; Coskun ERUZ</b>                 | Human Activity Impact on Coastal Habitat: A Case Study of Coastal Land Reclamation in Trabzon, Turkey     |
| 17:00-17:15 | <b><u>Çağatay TANRIVERDİ</u>, Hasan DEĞİRMENCI &amp; Fırat ARSLAN</b> | Water Table Salinity and Environmental Effects in Irrigated Agricultural Lands                            |

## Friday, 12 May 2017 (HALL 4)

| SESSION<br>4.3 | Urbanization and Environmental Problems  |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | <b>Prof. Dr. Gazi GÖRÜR</b>  | <b>Dr. Duygu GÖKSAY KADAİFÇİLER</b>   |
| 9:00-9:15      | <b><u>Derya YAZGI</u> &amp; K. Tuluhan YILMAZ</b>  | The Evaluation of Landscape Typology and Richness for Achieving Conservation Priorities of Habitats                 |
| 9:15-9:30      | <b><u>Arzu Funda BAĞCIGİL</u>, Kemal METİNER, Belgi DİREN SİĞİRCİ &amp; Baran ÇELİK &amp; Nüket SİVRİ</b>  | Examination of Methicillin Resistant Staphylococci in Indoor Environments   |
| 9:30-9:45      | <b><u>Banu EREN</u>, Damlanur EKŞİOĞLU, Sevcan MERCAN &amp; Zafer EREN</b>   | Histological Investigation of Possible Effects of Nutrient Stress on Digestive System of <i>Malacosoma neustria</i> |
| 9:45-10:00     | <b><u>Belgin ERDEM</u> &amp; Alpaslan DAYANGAÇ</b>   | A Comparative Study on the Preservation and Storage of Microorganisms Isolated from Various Environments            |
| 10:00-10:15    | <b><u>Birgöl MAZMANCI</u>, Mehmet Ali MAZMANCI, Cafer TURGUT, Melis YALÇIN, Levent ATATANIR, Bernhard HENKELMANN, Gerd PFISTER &amp; Karl-Werner SCHRAMM</b>   | Determination of Hexachlorohexane (HCH) Passive Accumulation in Mersin Toros  |
| 10:15-10:30    | COFFEE BREAK   |   |
| 10:30-11:00    | <b>Keynote Session (HALL 1A) : Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |   |
| 11:00-11:15    | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>4.4 | Urbanization and Environmental Problems   |  |
|----------------|---|--|
|                | Session Chair   | Session Chair Assistant  |
|                | Assoc. Prof. Dr. Belgin ERDEM   | Asst. Prof. Dr. Fahri APAYDIN  |
| 11:15-11:30    | <u>Doğan AKDEMİR, İbrahim ÖZDEMİR &amp; Ahmet MERT</u>  | The Effect of Environmental Variables on Bird Species Diversity: A Case Study of the Western Mediterranean Region            |
| 11:30-11:45    | <u>Duygu GÖKSAY KADAİFÇİLER</u>   | Airborne Fungi Concentrations of Morning and Evening in Istanbul   |
| 11:45-12:00    | <u>Gazi GÖRÜR, Özhan ŞENOL, Dilek PARMAKSIZ &amp; Hayal Akyıldırım BEĞEN</u>  | Evaluation of New Aphid Records from Eastern and South-Eastern Region of Turkey Related With Global Warming Effects          |
| 12:00-12:15    | <u>Kaan İŞINKARALAR &amp; Gülen GÜLLÜ</u>   | Investigation Of Particulate Matter (PM10) Concentration Depend On Time In Kastamonu Atmosphere                              |
| 12:15-12:30    | <u>Danil İLYASOV, Andrey SIRIN, Gennady SUVOROV, Vasily MARTYENKO, Tatiana MINAYEVA &amp; İlnur BIKBAEV</u>   | The State and Distribution of Peatlands in Sub Humid Regions of Northern Eurasia Under Changing Climate and Human Activities |
| 12:30-13:30    | LUNCH   |  |
| SESSION<br>4.5 | Urbanization and Environmental Problems   |  |
|                | Session Chair   | Session Chair Assistant  |
|                | Prof. Dr. Arzu Funda BAĞCIGİL   | Asst. Prof. Dr. Banu EREN  |
| 13:30-13:45    | <u>Dehouegnon Jerry AGOSSOU, Nazan KOLUMAN &amp; Hafsa AL-YAMANI</u>  | Greenhouse Gas Emissions Related to Major Livestock keeping in Turkey  |
| 13:45-14:00    | <u>Kazım Onur DEMİRARSLAN &amp; Serden BAŞAK</u>  | Eastern Black Sea Region In Terms Of Urbanization And Environmental Problems: Artvin Example                                 |
| 14:00-14:15    | <u>Mehmet Ali CELİK, Selin YILDIZ, Selahattin CELİK &amp; Ali Ekber GULERSOY</u>  | Determination of Temporal Change of Land Cover on Southern Plains of Sanliurfa   |
| 14:15-14:30    | <u>Fahri APAYDIN</u>  | Recycling Fertile Soil at Risk on Construction and Mine Searching Areas  |
| 14:30-14:45    |   |  |
| 14:45-15:00    | COFFEE BREAK  |  |
| 15:00-15:30    | Keynote Session (HALL 1A) : <b>Prof. Dr. Bülent ÇİHANGİR</b><br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Ahmet ALP</b><br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |  |
| 15:30-15:45    | COFFEE BREAK  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>4.6 | Urbanization and Environmental Problems  |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Krzysztof SZOSZKIEWICZ   | Asst. Prof. Dr. Kazim Onur DEMİRASLAN   |
| 15:45-16:00    | <u>Kateryna SLIVINSKA</u> , Natalija YASYNESKA & Daniel KLICH  | Przewalski's wild horses and their 18th years management in the Chernobyl exclusion zone, Ukraine |
| 16.15-16:30    | <u>Seher DİRİCAN</u>   | Preliminary Study on Rainwater Composition of Suşehri in Turkey                                   |
| 16:30-16:45    | <u>M.Ali KALIOĞLU</u> , Umut ERCAN, A.Serkan AVCI, <u>Ömer GENÇ</u> & Hakan KARAKAYA                       | Environmental Impact Of Optimum Insulation Thickness For Kayseri Province Case                    |
| 16:45-17:00    | <u>Arzu MORKOYUNLU-YÜCE</u> , A.Osman YILDIRIM, <u>Ufuk S.KAYA</u> , Şebnem ERKEBAY & <u>Gönül KONAKAY</u> | Clean Environmental Management (Kocaeli-Turkey)   |
| 17:00-17:15    | <u>Elif Nur SARI</u> & Sevgi YILMAZ  | Grid Form Signal Elements Over Readability of Cities and Erzincan Example                         |

## Saturday, 13 May 2017 (HALL 4)

| SESSION<br>4.7 | Urbanization and Environmental Problems                    |  |
|----------------|--|--|
|                | Session Chair  | Session Chair Assistant  |
|                | Assoc. Prof. Dr. Nuray ATEŞ                                | Asst. Prof. Dr. Neriman YÖRÜR  |
| 9:00-9:15      | <u>Resmije İMERİ</u> , Endrit KULLAJ & Lulzim MILLAKU      | Distribution of Heavy Metals in Tissues of Apple Tree near Smelters and Mining Areas in Kosovo   |
| 9:15-9:30      | <u>Melih ÖZTÜRK</u> & İlyas BOLAT                          | Impact Of Recreation On The Soil And Forest Floor Characteristics Of An Urban Forest: Case Study Of Bartın-Balamba (Turkey) Picnic And Conserved Sites |
| 9:30-9:45      | <u>Muhammet TOPUZ</u> & Murat KARABULUT                    | Temporal Changes And Their Ecological Effects on Sarikum (Sinop) Lake  |
| 9:45-10:00     |  |  |
| 10:00-10:15    | COFFEE BREAK   |  |
| SESSION<br>4.8 | Urbanization and Environmental Problems                    |  |
|                | Session Chair  | Session Chair Assistant  |
|                | Prof. Dr. Sibel ECEMİŞ KILIÇ                               | Dr. Nilgün KUŞCULUO  |
| 10:15-10:30    | <u>Kryvtsova MARYNA</u> , Kolesnik ANGELA & Hanych TATJANA | Ecological state of urban ecosystems   |
| 10:30-10:45    | <u>Muhammet ÖREN</u> , Gülsüm İNCE & Hasan ÇABUK           | Determination of Atmospheric Polycyclic Aromatic Hydrocarbons (PAHs) in Kocaeli Region by Moss Analysis  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                    |  |   |
|--------------------|--|---|
| 10:45-11:00        | <b><u>Neriman YÖRÜR</u>, Sibel ECEMİŞ KILIÇ &amp; Esra KUT GÖRGÜN</b>                                    | Site Selection Process and Environmental Effects of Stone Quarries, Case of Izmir- Cesme- Germiyan Neighborhood (Village) |
| 11:15-11:30        |  |   |
| 11:30-11:45        | COFFEE BREAK   |   |
| <b>SESSION 4.9</b> | <b>Urbanization and Environmental Problems</b>   |   |
|                    | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                    | <b>Assoc. Prof. Dr. Muhammet ÖREN</b>  | <b>Asst. Prof. Dr. Sayiter YILDIZ</b>   |
| 11:45-12:00        | <b><u>Nuray ATEŞ &amp; Güler YÜKSEL</u></b>  | Hydrogeochemical Evaluation of Groundwater Quality in Kayseri (Turkey)  |
| 12:00-12:15        | <b><u>Sibel ECEMİŞ KILIÇ &amp; Neriman YÖRÜR</u></b>   | Transformation Process of Agricultural Lands with Plans in Expanding Metropolitan Boundaries: Case of Antalya-Serik       |
| 12:15-12:30        | <b><u>Reyhan ERDOGAN &amp; Zeynep ZAIMOGLU</u></b>   | Sustainable Management of Riparian Corridors in Mediterranean City: The Case Study Antalya                                |
| 12:30-12:45        | <b><u>Nacide KIZILDAĞ, Hüsnüye Aka SAĞLIKER, Şahin CENKSEVEN, Cengiz DARICI &amp; Neslişah MUTLU</u></b> | Effects of Some Heavy Metals on Soil Carbon Mineralization in Osmaniye Organized Industrial Zone                          |
| 12:45-13:30        | LUNCH  |   |
| 13:30-14:30        | EVALUATION AND CLOSING MEETING   |   |
| 14:30-19:00        | Excurcion of Kayseri city  |   |
| 20:00-23.00        | GALA DINNER  |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                                 |  |  |
|--------------------------------------|--|--|
| NAME                                 | <b>HALL 5</b>  |  |
| PLACE                                | <b>Erciyes University (Main Campus)<br/>Faculty of Science</b>   |  |
| THEME                                | <b>Ecoagriculture</b>  |  |
| <b>Thursday 11 May 2017 (HALL 5)</b> |  |  |
| <b>SESSION<br/>5.1</b>               | <b>Ecoagriculture</b>  |  |
|                                      | <b>Session Chair</b>   | <b>Session Chair Assistant</b>   |
|                                      | <b>Prof. Dr. Abdurrahman AYYAZ</b>   | <b>Asst. Prof. Dr. Fazilet Özlem ÇEKİÇ</b>   |
| 13:30-13:45                          | <b>Abin SEBASTIAN, Ashwini NANGIA &amp; M.N.V. PRASAD</b>  | Iron dependent modulation of field ecology in rice paddies   |
| 13:45-14:00                          | <b>Ali İhsan ATALAY, Çağrı ÖZGÜR, Emrah KAYA, İsmail ÜLGER &amp; Adem KAMALAK</b>  | The Effect Of Apple Vinegar On The Egg Production Of Chukar Partridges   |
| 14:00-14:15                          | <b>İlker KEPENEKÇİ, Ayşe YEŞİLAYER, Turgut ATAY &amp; Aydın PEÇEN</b>  | Plant Parasitic Nematodes Of Tylenchida (Nematoda) Associated With Vegetable (Tomato, Cucumber, Pepper And Eggplant) Growing Areas In Tokat (Turkey) |
| 14:15-14:30                          | <b>Behzat BALCI, F. Elcin ERKURT &amp; E. Su TURAN</b>   | Adsorption of a Reactive Textile Dye by a Low-Cost Activated Carbon  |
| 14:30-14:45                          | <b>Serkan ŞAHAN, Uğur ŞAHİN &amp; Mustafa YAŞILAK</b>  | Investigation of The Extinction Process of 2,4-D Herbicide From Agricultural Lands   |
| 14:45-15:00                          | COFFEE BREAK   |  |
| 15:00-15:30                          | <b>Keynote Session (HALL 1A) : Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |  |
| 15:30-15:45                          | COFFEE BREAK   |  |
| <b>SESSION<br/>5.2</b>               | <b>Ecoagriculture</b>  |  |
|                                      | <b>Session Chair</b>   | <b>Session Chair Assistant</b>   |
|                                      | <b>Prof. Dr. Uğur ŞAHİN</b>  | <b>Dr. Behzat BALCI</b>  |
| 15:45-16:00                          | <b>Abdullah ULAS &amp; Ali UNLUKARA</b>  | Significance of Root Growth and Morphology for Genotypic Differences in Nitrogen Efficiency of Potato  |



# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |   |   |
|-------------|---|---|
| 16.15-16:30 | <b>Fazilet Özlem ÇEKİÇ</b>  | Combined Stress Could Induce The Signal Molecule GABA In Endemic Halophyte <i>Salvia halophila</i> Hedge  |
| 16:30-16:45 | <b>Firdes ULAS, Halit YETISIR, Abdullah ULAS, Alim AYDIN &amp; Mehmet YAMAC</b> | Alleviation Effect of Grafting on Alkali Stressed Watermelon [ <i>Citrullus lanatus</i> var. <i>lanatus</i> (Thunb.) Matsum. & Nakai]             |
| 16:45-17:00 | <b>Mehmet Güvenç NEGİZ, Esra Özge KURT &amp; Özdemir ŞENTÜRK</b>                | A Case Study On the Account of Medical and Aromatic Plant Species Richness in Yenişarbademli (Isparta) Region                                     |
| 17:00-17:15 | <b>Elif YÜZBAŞIOĞLU &amp; Eda DALYAN</b>  | Pretreatment of Salicylic Acid Effects on Antioxidant Enzymes Activity in Tomato ( <i>Lycopersicon esculentum</i> ) Leaves After Thiram Treatment |

## Friday, 12 May 2017 (HALL 5)

| SESSION<br>5.3 | Ecoagriculture   |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | <b>Prof. Dr. Nuray ÖZER</b>  | <b>Asst. Prof. Dr. Abdullah ULAŞ</b>  |
| 9:00-9:15      | <b>Ciğdem ÖZYİĞİT, Yusuf YANAR, Dürdane YANAR &amp; Servet ARSLAN</b>  | In vitro and In vivo Antifungal Activity of Propolis Extract Against <i>Penicillium digitatum</i>   |
| 9:15-9:30      | <b>Derya İSLER CEYHAN &amp; Canan CAN</b>  | Identification of biological control agents against <i>Alternaria</i> sp. and <i>Aspergillus</i> of pistachio                                   |
| 9:30-9:45      | <b>İlker KEPENEKÇİ &amp; Fatma Dolunay ERDOĞUŞ</b>   | Plant Parasitic Nematodes of Tylenchida (Nematoda) Associated With Beans ( <i>Phaseolus vulgaris</i> ) Growing Areas In The North Of Kyrgyzstan |
| 9:45-10:00     | <b>Adem GÜNEŞ, Osman SÖNMEZ, Oğuzhan UZUN &amp; Serkan ŞAHAN</b>   | Determination of The Effects of Humic Acid Applications on Heavy Metal Contents of Soil   |
| 10:00-10:15    | <b>Ceren TANRIÖVER, Kamil SARPKAYA &amp; Canan CAN</b>   | In Vitro Effect Of Fungicides On Fusarium Wilt And Root Rot In Pistachio  |
| 10:15-10:30    | COFFEE BREAK   |   |
| 10:30-11:00    | Keynote Session (HALL 1A) : <b>Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |   |
| 11:00-11:15    | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>5.4 | Ecoagriculture   |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Assoc. Prof. Dr. Osman SEYYAR  | Asst. Prof. Dr. Serkan ŞAHAN  |
| 11:15-11:30    | Osman SÖNMEZ, <u>Gülçin ŞENER GÜZEL</u> ,<br>Veysel TURAN, Adem GÜNEŞ, Serkan<br>ŞAHAN & Mustafa BAŞARAN   | Determination of Some Soil Parameters by<br>Geostatistical Techniques in Harran Plain   |
| 11:30-11:45    | Sabriye BELGÜZAR, Yusuf YANAR, <u>Merve</u><br><u>ÇETİN</u> & Çiğdem ÖZYİĞİT   | Determination of Antibacterial Activities of<br>Some Plant Extracts Against <i>Clavibacter</i><br><i>michiganensis</i> subsp. <i>michiganensis</i> and<br><i>Pseudomonas syringae</i> pv. <i>tomato</i> |
| 11:45-12:00    | Arzu COŞKUNTUNA, Temine ŞABUDAK &<br><u>Nuray ÖZER</u>   | Occurrence Of Potential Antifungal Metabolites<br>From Seedling Roots By Biological Control Of<br>Sunflower Downy Mildew Disease  |
| 12:00-12:15    | <u>Mahmut Alper ALTINOK</u> & Tariq BUTT   | Thrips Detection And Counting On Sticky Traps<br>With Help Of Deep Learning   |
| 12:15-12:30    |  |   |
| 12:30-13:30    | LUNCH  |   |
| SESSION<br>5.5 | Ecoagriculture   |   |
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Murat KAYA   | Dr. Abin SEBASTIAN  |
| 13:30-13:45    | Erdihan TUNÇ, <u>Sevgi GENÇDAL</u> & Awet<br>Tekeste TSEGAİ  | Investigation of Some Microbiological Properties<br>of Gaziantep / Araban Agricultural Soils  |
| 13:45-14:00    | Emine IKIKAT TUMER & <u>Bilal DOĞAN</u>  | Factors Affecting Farmers' Willingness to Good<br>Agricultural Practices (GAP)  |
| 14:00-14:15    | <u>Melike DENİZ</u> & Ayşe YEŞİLAYER   | Isolation of Entomopatogenic Fungus from Soils<br>Used with Different Bait Insects  |
| 14:15-14:30    | <u>Mustafa CÜCE</u> , Tuba BEKİRCAN & Atalay<br>SÖKMEN   | Effect of Different Auxin Sources combined with<br>Activated Charcoal on Rooting Success of<br><i>Vaccinium uliginosum</i>  |
| 14:30-14:45    |  |   |
| 14:45-15:00    | COFFEE BREAK   |   |
| 15:00-15:30    | Keynote Session (HALL 1A) : Prof. Dr. Bülent ÇIHANGİR<br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP<br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study<br>from Ceyhan River Basin, Turkey" |   |
| 15:30-15:45    | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

Saturday, 13 May 2017 (HALL 5)

| SESSION<br>5.7 | Ecoagriculture   |  |
|----------------|--|--|
|                | Session Chair  | Session Chair Assistant  |
|                | Prof. Dr. Abdurrahman AYVAZ  | Asst. Prof. Dr. Daniel GEBLER  |
| 9:00-9:15      | <b>Mehmet YAMAC</b> , Halit YETİŞİR, Alim AYDIN,<br>Esat DOĞANCI & Abdullah ULAS | Rootstock Potentials of Some Bottle Gourd<br>( <i>Lagenaria siceraria</i> ) Genotypes Selected for<br>Watermelon   |
| 9:15-9:30      | <b>İsmail ÜLGER</b> , Mahmut KALİBER & Yusuf<br>KONCA                            | Ensiling of Sunflower Head Residues as a way of<br>Recycling Agricultural Wastes to Animal Feed  |
| 9:30-9:45      | <b>Turgut ATAY</b> , Dürdane YANAR & Yusuf<br>YANAR                              | Effects of Entomopathogenic Fungus Isolates<br>Against <i>Gonioctena fornicata</i> (Brüggeman)<br>(Coleoptera: Chrysomelidae) Under Laboratory<br>Conditions |
| 9:45-10:00     | <b>Murat KOÇ</b> , Ergin HAMZAOĞLU & Ahmet<br>AKSOY                              | The Taxonomic Revision of Section <i>Spectabiles</i><br>Fenzl (Hayek) ( <i>Minuartia</i> L., Caryophyllaceae) in<br>Turkey                                   |
| 10:00-10:15    | COFFEE BREAK   |  |
| 12:45-13:30    | LUNCH  |  |
| 13:30-14:30    | EVALUATION AND CLOSING MEETING   |  |
| 14:30-19:00    | Excursion of Kayseri city  |  |
| 20:00-23:00    | GALA DINNER  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                                 |  |   |
|--------------------------------------|--|---|
| NAME                                 | <b>HALL 6</b>  |   |
| PLACE                                | <b>Erciyes University (Main Campus)<br/>Faculty of Science</b>   |   |
| THEME                                | <b>Biotechnology and Environment</b>   |   |
| <b>Thursday 11 May 2017 (HALL 6)</b> |  |   |
| <b>SESSION<br/>6.1</b>               | <b>Biotechnology and Environment</b>   |   |
|                                      | <b>Session Chair</b><br>Prof. Dr. Nüket SIVRI  | <b>Session Chair Assistant</b><br>Dr. Abin SEBASTIAN  |
| 13:30-13:45                          | <b>Muhammad MUJTABA &amp; Murat KAYA</b>   | Ecological Applications of Chitin   |
| 13:45-14:00                          | <b>Ali Eslem KADAK, Aygül KÜÇÜKGÜLMEZ,<br/>Ladine ÇELİK3 &amp; Afşin FARIVAR</b>   | Investigation of Different Deacetylation Degree of Chitosan Extracted From Shrimp Shell Waste                           |
| 14:00-14:15                          | <b>Nurcan KÖLELİ, Ali ÇİFTÇİ, Dilan YILDIRIM,<br/>Hasan Cankut ERGÜN, Hatice DAĞHAN &amp;<br/>Aydeniz Demir DELİL</b>  | Phytoremediation Capacity of Castor Bean Grown on Soil Contaminated with Multi Metals                                   |
| 14:15-14:30                          | <b>Ali Osman ADIGÜZEL &amp; Münir TUNÇER</b>   | Production of Cutinase by Newly Isolated PCL Degrading <i>Bacillus</i> sp. KY0701 and Its Partial Characterization      |
| 14:30-14:45                          | <b>İdris SARGIN, Murat KAYA, Bahar AKYÜZ,<br/>Esra BULUT &amp; Gülşin ARSLAN</b>   | Macroalgal Bloom Biomass For Congo Red Removal: Equilibrium, Kinetic, Thermodynamic And Competitor Ions Effects Studies |
| 14:45-15:00                          | COFFEE BREAK   |   |
| 15:00-15:30                          | <b>Keynote Session (HALL 1A) : Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |   |
| 15:30-15:45                          | COFFEE BREAK   |   |
| <b>SESSION<br/>6.2</b>               | <b>Biotechnology and Environment</b>   |   |
|                                      | <b>Session Chair</b><br>Prof. Dr. Nurcan KÖLELİ  | <b>Session Chair Assistant</b><br>Asst. Prof. Dr. Serkan ŞAHAN  |
| 15:45-16:00                          | <b>Behlül KOÇ &amp; Murat KAYA</b>   | An Ecofriendly Chitosan Film Production Incorporated With Diatoms   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |  |   |
|-------------|--|---|
| 16.15-16:30 | <b>Nurcan KÖLELİ, Dilan YILDIRIM, Ali ÇİFTÇİ &amp; Aydeniz Demir DELİL</b> | The Removal of Heavy Metals from Castor Bean after Phytoextraction                        |
| 16:30-16:45 | <b>Dilek YALÇIN, İlkay AÇIKGÖZ ERKAYA &amp; Tülay ÖZER</b>                 | Cryopreservation of some Microalgae Species   |
| 16:45-17:00 | <b>Dilek GÜMÜŞ</b>   | Removal Of Crystal Violet From Aqueous Solution Using Environmentally Friendly Adsorbents |
| 17:00-17:15 | <b>Tuba OĞUZPERDAHÇI, Dilek DEMİREZEN YILMAZ &amp; Fatih DUMAN</b>         | Biosynthesis Of Iron Nanoparticles Using Lemna minor And Their Effect On Plant Growth     |

## Friday, 12 May 2017 (HALL 6)

| SESSION<br>6.3 | Biotechnology and Environment  |  |
|----------------|--|--|
|                | Session Chair  | Session Chair Assistant  |
|                | <b>Prof. Dr. Majeti Narasimha Vara PRASAD</b>  | <b>Asst. Prof. Dr. Hakan ÇOLAK</b>   |
| 9:00-9:15      | <b>Erkan YILMAZ, Serkan ERDOĞAN, Ertuğrul ŞAHMETLİOĞLU &amp; Mustafa SOYLAĞ</b>  | Synthesis, Characterization and Catalytic Properties of Carbonanotube/Graphene Oxide/Polypyrrole/Magnetic Ferrite/ Palladium (CNT/Go/PP/Fe/Pd) Nano Composite Catalyst |
| 9:15-9:30      | <b>Fatih DENİZ &amp; Elif TEZEL ERSANLI</b>  | Bioremoval of Phosphate from Aqueous Solution Using Macroalga <i>Chara</i> sp.   |
| 9:30-9:45      | <b>Ercan KARAKÖSE, Hakan ÇOLAK &amp; Fatih DUMAN</b>   | Optical And Antimicrobial Properties Of ZnO Nanoparticles Using Citrus Reticulata Shell Extract  |
| 9:45-10:00     | <b>Ezgi BEZİRHAN ARIKAN &amp; Havva Duygu BİLGİN</b>   | Polyhydroxyalkanoates Production from Food Processing Industry Wastewater  |
| 10:00-10:15    | <b>F. Elcin ERKURT, Behzat BALCI &amp; E. Su TURAN</b>   | Decolorization of a Textile Dye by non-acclimatized <i>Pseudomonas aeruginosa</i> under various conditions   |
| 10:15-10:30    | COFFEE BREAK   |  |
| 10:30-11:00    | Keynote Session (HALL 1A) : <b>Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |  |
| 11:00-11:15    | COFFEE BREAK   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>6.4 | Biotechnology and Environment  |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Nurcan KÖLELİ  | Dr. Erkan YILMAZ  |
| 11:15-11:30    | <b>Fatma ÖZTÜRK KÜP &amp; Fatma EROĞLU</b>                                 | Calcium Carbonate Precipitation By <i>Staphylococcus pasteurii</i> , Isolated From Soil: A Promising Alternative For Cement-Based Materials |
| 11:30-11:45    | <b>Feride DÜĞENCİ &amp; Mehtap ERŞAN</b>                                   | Application of Enzyme Kinetics to Rhizopus Delemar Lipase For Removal of Tetracycline in Wastewaters Containing Boron                       |
| 11:45-12:00    | <b>Fatma Şeyma DUMAN, Karcan IŞIK, Ümit YIRTICI &amp; Aysun ERGENE</b>     | Protease Producing Microorganisms Isolated From Kırıkkale and Biotechnological Applicability  |
| 12:00-12:15    | <b>Gülşay BAYRAMOĞLU, Aydın AKBULUT &amp; M. Yakup ARICA</b>               | Uranium Biosorption By Native And Nitritotriacetate Modified <i>Bangia atropurpurea</i> Biomass: Kinetics And Thermodynamics                |
| 12:15-12:30    | <b>Gökhan SEZER &amp; Osman GÜLNAZ</b>                                     | Ozonolytic Degradation of Diclofenac  |
| 12:30-13:30    | LUNCH  |   |
| SESSION<br>6.5 | Biotechnology and Environment  |   |
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. İdris OĞURLU   | Dr. Sevinç AYDIN  |
| 13:30-13:45    | <b>Hakan ÇOLAK, Ercan KARAKÖSE &amp; Fatih DUMAN</b>                       | <i>Camellia Sinensis</i> Leaf (Black Tea) Extract Mediated Synthesis of ZnO Nanoparticulate Thin Film                                       |
| 13:45-14:00    | <b>Dilek DEMİREZEN YILMAZ, Fatih Doğan KOCA &amp; Derya AKSU DEMİREZEN</b> | Bio-Synthesis Of Magnetic Iron Nanoparticles Using Different Plant Extracts For Nickel Removal In Contaminated Waste Water                  |
| 14:00-14:15    | <b>Karcan IŞIK, Fatma Şeyma DUMAN, Ümit YIRTICI &amp; Aysun ERGENE</b>     | Isolation and Molecular Identification of Protease Producing Microorganisms in Kırıkkale  |
| 14:15-14:30    | <b>Nilgün GÜLER KUSCULUO</b>   | Staining Effect of <i>Brassica oleracea</i> Extract on Human Blood Cells with Anemia  |
| 14:30-14:45    | <b>Mutlu YALVAC, Serpil SAVCI &amp; Zeynep KARAMAN</b>                     | Kinetic Studies of Remazol Brilliant Blue R Biosorption Onto Pistachio Hull: Ecological Engineering Approach                                |
| 14:45-15:00    | COFFEE BREAK   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                    |   |   |
|--------------------|---|---|
| 15:00-15:30        | <b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b><br>"An Extreme Pristine Ecotourism Destination: Galapagos Island"<br><b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b><br>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |   |
| 15:30-15:45        | COFFEE BREAK  |   |
| <b>SESSION 6.6</b> | <b>Biotechnology and Environment</b>  |   |
|                    | <b>Session Chair</b>  | <b>Session Chair Assistant</b>  |
|                    | <b>Assoc. Prof. Dr. Fatma ÖZTÜRK KÜP</b>  | <b>Asst. Prof. Dr. Serkan ŞAHAN</b>   |
| 15:45-16:00        | <b>Nurcan KÖLELİ, Aydeniz Demir DELİL, Mehmet Ali KURT, Begum Sezin DOĞAN &amp; Ali ÇİFTÇİ</b>  | Remediation by Different Methods of a Multi-Metal Contaminated Soil in Kayseri-Incesu (Turkey): Washing, Electrokinetic Treatment and Phytoemediation |
| 16:15-16:30        | <b>Yasemin BULUT, Nurullah AKCAN &amp; Fikret UYAR</b>  | <i>Bacillus subtilis</i> Immobilised Cryogel for Methylene Blue Removal   |
| 16:30-16:45        | <b>Serpil SAVCI, Halil KAYAALP &amp; Mutlu YALVAÇ</b>   | Adsorption of Methylene Blue From Aquatic Solution On Vermicompost: Green Engineering Approach  |
| 16:45-17:00        | <b>Sevinç AYDIN, Mevlüt ALATAŞ, Nevzat BATAN &amp; Ökkeş YILMAZ</b>   | Fatty Acid Content and Free Radical Scavenging (DPPH) Activities of Some of Bryophytes Extracts   |
| 17:00-17:15        | <b>Uğur ŞAHİN, Serkan ŞAHAN &amp; Kamil GÜRMEH</b>  | Packaging Technology of Liquid Chromatographic Columns and Environmental Applications   |

## Saturday, 13 May 2017 (HALL 6)

|                    |   |  |
|--------------------|---|--|
| <b>SESSION 6.7</b> | <b>Biotechnology and Environment</b>  |  |
|                    | <b>Session Chair</b>  | <b>Session Chair Assistant</b>   |
|                    | <b>Prof. Dr. Nurcan KÖLELİ</b>  | <b>Dr. Abin SEBASTIAN</b>  |
| 9:00-9:15          | <b>İlknur KARS DURUKAN, Duygu Deniz USTA, Ege EDİZ, F.Çiğdem KİP &amp; S.Ali TUNCEL</b> | Newly Designed Silver Coated-Magnetic, Monodisperse Polymeric Microbeads For The Reduction Of Nitrophenol  |
| 9:15-9:30          | <b>Ebru UYAR, Özgür SALAM, Hüsnüye Tansel YALÇIN &amp; Zafer UYAR</b>                   | Isolation And Molecular Identification Of Biosurfactant Producing Bacteria Using Soil Samples From Auto Repair Shops In Şanlıurfa                          |
| 9:30-9:45          | <b>Tunay KARAN &amp; Ramazan ERENLER</b>  | Antiproliferative activity of <i>Cladophora fracta</i> on Vero and HT29 Cells Lines  |
| 9:45-10:00         | <b>H.Guzin ASLAN &amp; Nilgün GÜLER KUSCULUO</b>  | Investigation Of Schiff Base Reaction's Effect On Cell And Amino Acid Staining With <i>Brassica oleraceae</i> Extract By FT-IR Spectrophotometric Analysis |
| 10:00-10:15        | COFFEE BREAK  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |                                |
|-------------|--------------------------------|
| 12:45-13:30 | LUNCH                          |
| 13:30-14:30 | EVALUATION AND CLOSING MEETING |
| 14:30-19:00 | Excursion of Kayseri city      |
| 20:00-23.00 | GALA DINNER                    |





# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                          |  |  |
|-------------------------------|--|--|
| NAME                          | <b>HALL 7</b>  |  |
| PLACE                         | Erciyes University (Main Campus)<br>Faculty of Science   |  |
| THEMES                        | <b>Nature Education - Ecotourism - Environmental Sociology</b>   |  |
| Thursday 11 May 2017 (HALL 7) |  |  |
| SESSION<br>7.1                | Nature Education - Ecotourism - Environmental Sociology  |  |
|                               | Session Chair  | Session Chair Assistant  |
|                               | Prof. Dr. İdris OĞURLU   | Asst. Prof. Dr. Hayriye Sibel GÜLSE BAL  |
| 13:30-13:45                   | <u>Çağrı Çağlar SİNMEZ</u> & Gökhan ASLIM  | The Use of Turkish Akbash and Kangal Shepherd Dogs in Carnivore Conservation   |
| 13:45-14:00                   | Emre KUZUGUDENLİ, Belkis MUCA, A.Fatih KILIC & Canpolat KAYA   | Increasing The Personal-Social Development Of The Disabled People With The Nature Themed Education Technique   |
| 14:00-14:15                   | <u>Didar ÖZDEMİR</u>   | Noise Pollution In The Light Of Judicial Decisions   |
| 14:15-14:30                   | <u>Hayriye Sibel GÜLSE BAL</u> , Esra GÜREL & Sevda ANDAÇ  | Knowledge and Awareness of the Students of the Faculty of Agriculture on Global Warming, Climate Change and the Effects on Turkey's Agriculture (Gaziosmanpaşa University, Faculty of Agriculture) |
| 14:30-14:45                   | <u>Duygu DIVRAK</u> , Nimet YURTSEVER, Nahide ÖZBAYRAM, Güler ÜNAL & <u>Turgut TUŞ</u>   | Fearless Children of Nature  |
| 14:45-15:00                   | COFFEE BREAK   |  |
| 15:00-15:30                   | Keynote Session (HALL 1A) : <u>Prof. Dr. Majeti Narasimha Vara PRASAD</u><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <u>Prof. Dr. Osman SAMSUN</u><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |  |
| 15:30-15:45                   | COFFEE BREAK   |  |
| SESSION<br>7.2                | Nature Education - Ecotourism - Environmental Sociology  |  |
|                               | Session Chair  | Session Chair Assistant  |
|                               | Prof. Dr. Mustafa TALAS  | Asst. Prof. Dr. Çağrı Çağlar SİNMEZ  |
| 15:45-16:00                   | <u>Görkem Saylam HIZARCIOĞLU</u> & Nesrin ÇOBANOĞLU  | Rachel Carson as a Environmental Ethics Character  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |   |   |
|-------------|---|---|
| 16.15-16:30 | <b>Tuğba KİPER, Osman UZUN, Gülen ÖZDEMİR &amp; Tuğba ÜSTÜN TOPAL</b> | The Impact of Natural Landscape Features on the Development of Ecotourism: Kiyıköy Example                    |
| 16:30-16:45 | <b>İdris OĞURLU &amp; Ebubekir GÜNDOĞDU</b>                           | Effects of Nature Education on Ecology Culture and Wildlife Awareness of Participants: Sample of IDE Projects |

## Friday, 12 May 2017 (HALL 7)

| Nature Education - Ecotourism - Environmental Sociology |  |  |
|---|--|--|
| SESSION 7.3   | Session Chair  | Session Chair Assistant  |
|   |  | <b>Prof. Dr. Mustafa TALAS</b>   |
| 9:00-9:15   | <b>Hasan AKAN</b>  | Evaluation Of Turkish Flora On The Ecotourism ("Şanlıurfa Example: Journey To Fall Flowers")                                     |
| 9:15-9:30   | <b>Ali ATEŞ, Tuğba TAFLI &amp; Metin GÖNÜLTAŞ</b>  | Determining Pre-Service Biology Teachers' Knowledge about Greenhouse Gases and Their Effects                                     |
| 9:30-9:45   | <b>Neslihan DEMİRCAN &amp; Işık SEZEN</b>  | Use Of Green Spaces For Liveable And Sustainable Cities; Urban Gardens   |
| 9:45-10:00  | <b>Nursel AŞAN BAYDEMİR</b>  | Bats in Caves: Does Cave Tourism Has a Negative Effect on the Species?   |
| 10:00-10:15   | <b>Ömer Taha SÖZGEN &amp; İdris OĞURLU</b>   | Hunting Culture and Wildlife Awareness Relationship: Sample of Bilecik Osmanieli-Turkey  |
| 10:15-10:30   | COFFEE BREAK   |  |
| 10:30-11:00   | Keynote Session (HALL 7) : <b>Prof. Dr. Mustafa ÜNAL</b><br>"Man and Nature Relation in Shamanism" |  |
| 11:00-11:15   | COFFEE BREAK   |  |
| Nature Education - Ecotourism - Environmental Sociology |  |  |
| SESSION 7.4   | Session Chair  | Session Chair Assistant  |
|   | <b>Prof. Dr. Hasan AKAN</b>  | <b>Asst. Prof. Dr. Neslihan DEMİRCAN</b>   |
| 11:15-11:30   | <b>İrfan ALBAYRAK</b>  | The Effect of Human Activities on Some Large Mammal Species  |
| 11:30-11:45   | <b>Müjgen ELVEREN &amp; Etem OSMA</b>  | Evaluation of Ibuprofen and Ciprofloxacin Effects on the Electrolyte Leakage Level in Bread Wheat ( <i>Triticum aestivum</i> L.) |
| 11:45-12:00   | <b>Senay BOYRAZ-TOPALOĞLU, Canan YAGCI-TUZUN &amp; Dilek INCEKOSE-BAGLAN</b>                       | A Case Study for Biodiversity Education: Journey of the Seed   |
| 12:00-12:15   | <b>Selmin Ener RUSEN &amp; Yusuf Can ERKAYIRAN</b>   | The Energy Efficiency Potential of Lighting Systems in the University Campus   |
| 12:15-12:30   | <b>Rüveyda KIZILOĞLU &amp; Esra GÜREL</b>  | Determination Of Environmental Awareness In Purchasing Behavior Of Individuals   |
| 12:30-13:30   | LUNCH  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>7.5 | Ecotoxicology  |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. İrfan ALBAYRAK   | Asst. Prof. Dr. Daniel GEBLER   |
| 13:30-13:45    | <u>Tülay AYTAS AKÇİN</u> , Adnan AKÇİN & Cengiz YILDIRIM   | The Effect of Chromium on The Anatomical Characters of Bread Wheat  |
| 13:45-14:00    | <u>Ugur SEN</u> , Ibrahim Ilker OZYIGIT, Ertugrul FİLİZ & Fatih TABANLI                                  | Investigation of Physiological and Molecular Changes in Heavy Metal-Induced <i>Vallisneria nana</i> plants  |
| 14:00-14:15    | <u>Zula SONMEZ</u> , Ruya SAMLI & Nuket SIVRI  | Assessment of the Acute Toxicity on the Organised Industrial Wastewaters Using Mathematical Modelling   |
| 14:15-14:30    | <u>Yesim DAĞLIOĞLU</u> & <u>Sevda TÜRKİŞ</u>   | Determination Of The MDA and Antioxidant Enzyme Level Of The Boron Nanoparticle On Two Different Aquatic Plants                                   |
| 14:30-14:45    | <u>Zeynep Görkem DOĞAROĞLU</u> & <u>Nurcan KÖLELİ</u>  | Evaluation of Seed Germination of Lettuce Exposed to Zinc Oxide and Titanium Dioxide Nanoparticles  |
| 14:45-15:00    | COFFEE BREAK   |   |
| 15:00-15:30    | Keynote Session (HALL 7) : <u>Prof. Dr. Mustafa TALAS</u><br>"Globalization and Environmental Movements" |   |
| 15:30-15:45    | COFFEE BREAK   |   |
| SESSION<br>7.6 | Nature Education – Ecotourism - Environmental Sociology  |   |
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Nursel AŞAN BAYDEMİR   | Asst. Prof. Dr. Selmin ENER RUŞEN   |
| 15:45-16:00    | <u>Tuğba TAFLI</u> & <u>Tahir ATICI</u>  | Examination and Evaluation of Prospective Biology Teachers' Opinions about Outdoor Learning Activities towards Nature and Environmental Education |
| 16:15-16:30    | <u>Hakan Mete DOĞAN</u> , <u>Orhan Mete KILIÇ</u> & <u>Ekrem BUHAN</u>                                   | Ecological Risk Assessment of Kelkit Basin  |
| 16:30-16:45    | <u>Süleyman TOY</u> & <u>Noemi KÁNTOR</u>  | Unfavourable effects of urban areas on thermal comfort – the example of a middle-sized Turkish city, Erzurum                                      |
| 16:45-17:00    | <u>Süleyman TOY</u> & <u>Yaşar OKUDAN</u>  | A Nature and Human Sensitive Rural Settlement Suggestion for Pensioners Returning their Hometowns in Northeast Anatolia (TRA1 NUTS 2) Region      |
| 17:00-17:15    | <u>Yeliz Sarı NAYİM</u>  | Investigation of Sustainable Ecotourism Model in the Case of Tekkeönü Village, Bartın, Turkey   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| Saturday, 13 May 2017 (HALL 7) |   |   |
|--------------------------------|---|---|
| SESSION<br>7.7                 | Nature Education - Ecotourism - Environmental Sociology                 |   |
|                                | Session Chair   | Session Chair Assistant   |
|                                | Assoc. Prof. Dr. Mehmet ÇİÇEK   | Asst. Prof. Dr. Neslihan DEMİRCAN   |
| 9:00-9:15                      | <u>Sema AY</u>  | Measuring The Sustainable Development And International Index Studies   |
| 9:15-9:30                      | <u>Öznur BULAN &amp; Ülkü Duman YÜKSEL</u>                              | A Study On Perception Of Ecology Of Higher Education Students : Gazi University Sample                        |
| 9:30-9:45                      | <u>Sevgi ÖZTÜRK, Merve KALAYCI &amp; Öznur BULAN</u>                    | Classification and Gradation of Ecotourism Resources of Küre Mountains National Park                          |
| 9:45-10:00                     | <u>Kasım KARAMAN</u>  | Concept Of Risk Society And Environmental Problems  |
| 10:00-10:15                    | COFFEE BREAK  |   |
| SESSION<br>7.8                 | Nature Education - Ecotourism - Environmental Sociology                 |   |
|                                | Session Chair   | Session Chair Assistant   |
|                                | Assoc. Prof. Dr. Kasım KARAMAN  | Asst. Prof. Dr. Serkan ŞAHAN  |
| 10:15-10:30                    | <u>Hilal YILDIRIR KEŞER, Işın KIRIŞKAN &amp; Sema AY</u>                | The Effects of Global Climate Change on Tourism: Intercontinental Assessments                                 |
| 10:30-10:45                    | <u>Işık SEZEN, Tendü Hilal GÖKTUĞ, Başak AYATLI &amp; Esmâ YIKILMAZ</u> | A Study Of Determining Recreational Quality Of Ski Resorts, Erciyes Mountain                                  |
| 10:45-11:00                    | <u>Fatih Doğan KOCA &amp; Fatih DUMAN</u>                               | Synthesis, Characterization and Genotoxic effect of <i>Mentha aquatica</i> Extract Mediated ZnO Nanoparticles |
| 11:15-11:30                    | <u>Ali Can KUZULUGİL, Başak AYATLI &amp; Nalan DEMİRCİOĞLU YILDIZ</u>   | Studying The Historical Heritage Erzurum Bastions With Landscape Ecology Approach                             |
| 11:30-11:45                    | COFFEE BREAK  |   |
| 12:45-13:30                    | LUNCH   |   |
| 13:30-14:30                    | EVALUATION AND CLOSING MEETING  |   |
| 14:30-19:00                    | Excursion of Kayseri city   |   |
| 20:00-23:00                    | GALA DINNER   |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                                 |  |  |
|--------------------------------------|--|--|
| NAME                                 | <b>HALL 8</b>  |  |
| PLACE                                | <b>Erciyes University (Main Campus)<br/>Faculty of Science</b>   |  |
| THEMES                               | <b>Terrestrial Ecosystems - Forest Ecosystems</b>  |  |
| <b>Thursday 11 May 2017 (HALL 8)</b> |  |  |
| <b>SESSION<br/>8.1</b>               | <b>Terrestrial Ecosystems - Forest Ecosystems</b>  |  |
|                                      | <b>Session Chair</b><br><b>Prof. Dr. V. Sedat YERLİ</b>  | <b>Session Chair Assistant</b><br><b>Asst. Prof. Dr. Hakan SEVİK</b>   |
| 13:30-13:45                          | <b>Mesut YALCIN, Çağlar AKCAY &amp; Cihat TASCIOĞLU</b>  | Survey studies of the Anobiidae and Bostrichidae family beetles (Coleoptera) in forest depots and the wood factories of Western Black Sea Region of Turkey |
| 13:45-14:00                          | <b>Demet BİLTEKİN</b>  | A Continuous Record Of Cedar Trees (Cedrus Duham.) In The Anatolian Flora Over The Last 23 Ma  |
| 14:00-14:15                          | <b>Ebru GÜL, Melda DÖLARSLAN &amp; Sabit ERŞAHİN</b>   | Relationship between Plant Cover and Soil Organic Carbon Content in Semiarid Grasslands  |
| 14:15-14:30                          | <b>Dilek DOĞU, Davut BAKIR, Fatma DİĞDEM TUNCER, Eser SOZEN &amp; Nural YILGOR</b>   | Microscopic Evaluation of a Historical Wood from Mudurnu in Turkey   |
| 14:30-14:45                          | <b>Maryam SAFFARIHA &amp; Ali JAHANI</b>   | To Evaluate The Severity Of Risk Of Hazardous Trees In Jahannama Park In Karaj, Iran   |
| 14:45-15:00                          | COFFEE BREAK   |  |
| 15:00-15:30                          | Keynote Session (HALL 1A) : <b>Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |  |
| 15:30-15:45                          | COFFEE BREAK   |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>8.2 | Terrestrial Ecosystems - Forest Ecosystems             |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Cem VURAL                                    | Asst. Prof. Dr. Sedat PER   |
| 15:45-16:00    | <b>Marlene MOLINA &amp; Ricardo RIEGEL</b>             | Directionality of Hybridization between <i>Nothofagus obliqua</i> and <i>Nothofagus alpina</i> , Endemic Tree Species from Austral Forests of South America |
| 16.15-16:30    | <b>İsmail BAYSAL</b>                                   | Determination of Fire Types and Fire Severity in Burned Oak Forest: A Case Study on 2 September 2015 Hecinler Forest Fire                                   |
| 16:30-16:45    | <b>Mehmet AKÇA, Aytaç GÜDER &amp; Mahmut GÜR</b>       | Investigation of the Chemical Content of Some Industrial Tree Barks' Extracts by GC-MS  |
| 16:45-17:00    | <b>Özgür EMİNAĞAOĞLU &amp; Hayaal AKYILDIRIM BEĞEN</b> | Phytogeography and Climate in Artvin  |
| 17:00-17:15    | <b>Şule GÜZEL &amp; Ali BİLGİN</b>                     | Foliar Nitrogen and Phosphorus Resorption in <i>Quercus pontica</i>   |

## Friday, 12 May 2017 (HALL 8)

| SESSION<br>8.3 | Terrestrial Ecosystems - Forest Ecosystems  |  |
|----------------|---|--|
|                | Session Chair   | Session Chair Assistant  |
|                | Prof. Dr. Cem VURAL   | Dr. Handan ŞAPCI   |
| 9:00-9:15      | <b>Murat SARGINCI, Oktay YILDIZ, Doğanay TOLUNAY &amp; Bülent TOPRAK</b>  | Effects of Elevation and Aspect on Soil Chemical and Physical Properties of Beech & Chestnut Mixed Forests in Black Sea Region of Turkey |
| 9:15-9:30      | <b>Meriç ÇAKIR</b>  | Litter Decomposition of <i>Pinus nigra</i> in Semi-arid Region   |
| 9:30-9:45      | <b>Mehmet ÖZDEMİR, Günay ÇAKIR, Sultan BEKİROĞLU, Ercan ÖZYÜREK, Avni ARSLAN, Hasan SOYGÜZEL, Kamil KILIÇ &amp; Sinem Süzğün CANSEVER</b>   | Ecological Impacts and Yalova Model Forest Project to Turkish Forestry   |
| 9:45-10:00     | <b>Hakan SEVİK, Mehmet CETİN, Nur BELKAYALI &amp; Kerim GÜNEY</b>   | The Effect of Some Indoor Plants on Indoor Air CO <sub>2</sub>   |
| 10:00-10:15    |   |  |
| 10:15-10:30    | COFFEE BREAK  |  |
| 10:30-11:00    | <p>Keynote Session (HALL 1A) : <b>Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br/>           "Development of Biological Methods in Monitoring - Challenge of the 21st Century"</p> <p>Keynote Session (HALL 1B) : <b>Prof. Dr. Çağatay GÜLER</b><br/>           "Ecology, Environment and Public Health"</p> |  |
| 11:00-11:15    | COFFEE BREAK  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>8.4 | Terrestrial Ecosystems - Forest Ecosystems  |  |
|----------------|---|--|
|                | Session Chair   | Session Chair Assistant  |
|                | Prof. Dr. V. Sedat YERLİ  | Asst. Prof. Dr. Murat SARGINCI   |
| 11:15-11:30    | <u>Hakan ASKIN</u> , İlhami GULCIN, Parham TASLIMI, Seyma BAKIRCI, Melike YILDIZ & Bilal YILMAZ | Antioxidant Potencies of Endemic Species Grow in Turkey: <i>Iris taochia</i> and Its New Anti-glycemic Effected Natural Chemical Compound: $\alpha$ -Amyrin  |
| 11:30-11:45    | <u>Mehmet DAYI</u> , Süleyman AKBULUT, Nuray ÖZTÜRK & İsmail BAYSAL                             | Review of the Studies on Pine Wilt Disease in Turkey and Future Projections to Protect Forest Ecosystems from Pine Wilt Threat   |
| 11:45-12:00    | <u>Serkan GÜLSOY</u> & <u>Aslan MERDİN</u>  | Effects of Ecologically Site Conditions on The Volatile Compounds of Crimean Juniper ( <i>Juniperus excelsa</i> ) Leaves   |
| 12:00-12:15    | <u>Pınar HIZ</u> , <u>Meltem ERDEM</u> , Ender BÜYÜKGÜZEL & Kemal BÜYÜKGÜZEL                    | The Effect of Gemifloxacin Mesylate on Oxidative and Antioxidative Levels of Larval Midgut of <i>Galleria mellonella</i> L. (Lepidoptera: Pyralidae) Oxidative and Antioxidative Effects of Gemifloxacin Mesylate on the <i>Galleria mellonella</i> L. (Lepidoptera: Pyralidae) larvae's midgut cells. |
| 12:15-12:30    | <u>Ahmet İLÇİM</u> , Gizem SAVCI & Faruk KARAHAN  | Anatomical, Morphological and Palynological Characteristics of Some <i>Geranium</i> L. (Geraniaceae) Species   |
| 12:30-13:30    | LUNCH   |  |
| SESSION<br>8.5 | Terrestrial Ecosystems - Forest Ecosystems  |  |
|                | Session Chair   | Session Chair Assistant  |
|                | Assoc. Prof. Dr. Songül BUDAK DİLER   | Dr. Akın KIRAÇ   |
| 13:30-13:45    | <u>Abdul Shukor YUSOFF</u> & Rohani SHAHRUDIN   | Distribution and Abundance of Ant-plant, <i>Hydnophytum formicarum</i> Jack., in Mangrove Forest of Peninsula Malaysia   |
| 13:45-14:00    | <u>Kürşad ÖZKAN</u> , Canpolat KAYA & <u>Ali ŞENOL</u>  | The relationships between species richness and topo-climatic factors in the Gaziantep District, Turkey   |
| 14:00-14:15    | <u>Nezahat TURFAN</u> & Mehtap ALAYR  | Variation in Chemical Constituents of Ancient Black Pine Leaves: In relation to tree age   |
| 14:15-14:30    | <u>Gazi GÖRÜR</u> , <u>Özhan ŞENOL</u> , Dilek PARMAKSIZ & Hayal AKYILDIRIM BEĞEN               | Host Plant Composition and Aphid Diversity of Adiyaman, Malatya and Şanlıurfa  |
| 14:30-14:45    | <u>Canpolat KAYA</u> & <u>Kürşad ÖZKAN</u>  | The Environmental Factors Influencing on the Distribution of Pinus brutia Ten. Eastern Parts of Mediterranean Region   |
| 14:45-15:00    | COFFEE BREAK  |  |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                    |  |   |
|--------------------|--|---|
| 15:00-15:30        | <p><b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b><br/>"An Extreme Pristine Ecotourism Destination: Galapagos Island"</p> <p><b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b><br/>"Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey"</p> |   |
| 15:30-15:45        | COFFEE BREAK   |   |
| <b>SESSION 8.6</b> | <b>Terrestrial Ecosystems - Forest Ecosystems</b>  |   |
|                    | <b>Session Chair</b>   | <b>Session Chair Assistant</b>  |
|                    | <b>Assoc. Prof. Dr. Sezer OKAY</b>   | <b>Asst. Prof. Dr. Nezahat TURFAN</b>   |
| 15:45-16:00        | <b><u>Kürşad ÖZKAN</u></b>   | Instead of $D[p(x)  q(x)]$ , $D\blacksquare[p(x)  q(x)]$ for a character based gradient of Ecological Communities |
| 16.15-16:30        | <b>Süleyman AKBULUT, Nuray ÖZTÜRK, Mehmet DAYI &amp; İsmail BAYSAL</b>   | Potential Effects of Exotic Forest Pests via International Trade on Forest Ecosystems of Turkey                   |
| 16:30-16:45        | <b><u>Serkan ÖZDEMİR</u></b>   | Potential Distribution Modelling and Mapping Using Random Forest Method: An Example of Yukarıgökdere District     |
| 16:45-17:00        | <b><u>Sabriye BELGÜZAR, Yusuf YANAR, Atilla ÖKSÜZ &amp; Çiğdem ÖZYİĞİT</u></b>   | Evaluation of Antimicrobial Effect of Oriental Arborvita ( <i>Thuja orientalis</i> )                              |
| 17:00-17:15        | <b><u>Mesut Efe BUKEN, Halil ÇAKAN &amp; Nilgun Sultan YUCEER</u></b>  | Climate Change Projections of Saimbeyli <i>Pinus nigra</i> Forests  |

## Saturday, 13 May 2017 (HALL 8)

|                    |   |  |
|--------------------|---|--|
| <b>SESSION 8.7</b> | <b>Terrestrial Ecosystems - Forest Ecosystems</b>   |  |
|                    | <b>Session Chair</b>  | <b>Session Chair Assistant</b>   |
|                    | <b>Assoc. Prof. Dr. Turgay DİNDAROĞLU</b>   | <b>Asst. Prof. Dr. Arzu MORKOYUNLU YÜCE</b>  |
| 9:00-9:15          | <b><u>Akif KETEN &amp; Mustafa NAİBOĞLU</u></b>   | The Effect of Forestry Practices on Wildlife in Bolu-Yedigöller Forest   |
| 9:15-9:30          | <b><u>Serdar CARUS &amp; Yılmaz ÇATAL</u></b>   | Linear and Non-linear Regression Equations for Estimating the Crown Diameter and Diameter at Breast Height of <i>Cedrus libani</i> Trees in Isparta    |
| 9:30-9:45          | <b><u>Ali Kabaoğlu, Nuray Öztürk, Şemsettin Kulaç, İsmail Baysal, Süleyman Akbulut, Ali Kemal Özbayram &amp; Beşir Yüksel</u></b> | Differences in Total Soluble Sugar Amount of <i>Quercus pupescens</i> and <i>Quercus cerris</i> Trees after the Low and High Intensity of Surface Fire |
| 9:45-10:00         | <b><u>Ahmet KARAKOC, Murat KARABULUT, Gökay GÖKSU &amp; İlhami DOĞAN</u></b>  | Monitoring of Canopy Reflectance Change Based on Flowering Rate  |
| 10:00-10:15        | COFFEE BREAK  |  |



# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| SESSION<br>8.8 | Terrestrial Ecosystems - Forest Ecosystems                                     |   |
|----------------|--|---|
|                | Session Chair  | Session Chair Assistant   |
|                | Prof. Dr. Kürşad ÖZKAN   | Asst. Prof. Dr. Akif KETEN  |
| 10:15-10:30    | <u>Turgay DİNDAROĞLU</u> & Mustafa Y. CANBOLAT                                 | Using "Unified Depression Area Model" for Generating Buffer Zones   |
| 10:30-10:45    | <u>Yılmaz ÇATAL</u> & Serdar CARUS   | Diameter Growth Equations for <i>Cedrus libani</i> Trees in Isparta   |
| 10:45-11:00    | <u>Zafer YÜCESAN</u> , Ali Ömer ÜÇLER & Ercan OKTAN                            | Analysis of Sustainability in High Mountain Forests   |
| 11:15-11:30    | Serkan GÜLŞOY & <u>Uysal Utku TURHAN</u>                                       | Influences of Physical Properties on The Essential Oil Yield in Foetid Juniper ( <i>Juniperus foetidissima</i> ) Cones                            |
| 11:30-11:45    | COFFEE BREAK   |   |
| SESSION<br>8.9 | Terrestrial Ecosystems - Forest Ecosystems                                     |   |
|                | Session Chair  | Session Chair Assistant   |
|                | Assoc. Prof. Dr. Yılmaz ÇATAL  | Dr. Handan ŞAPCI  |
| 11:45-12:00    | <u>Arzu MORKOYUNLU YÜCE</u> , Gönül KONAKAY, Şebnem ERKEBAY & Ayfer ÖZMEN      | The Algae of the Yazlık Ilıcasi Spring (Kocaeli-Türkiye)  |
| 12:00-12:15    | <u>Dürdane YANAR</u> , Yusuf YANAR, Müslüm ÖZTÜRK, Halit ÇAM & İlker POLAT     | Effects of <i>Beauveria bassiana</i> Isolates on <i>Trogoderma granarium</i> Everts   |
| 12:15-12:30    | Pınar HIZ, Meltem ERDEM, Ender BÜYÜKGÜZEL & <u>Kemal BÜYÜKGÜZEL</u>            | Deteriorated Life Table Parameters of <i>Galleria mellonella</i> L. (Lepidoptera: Pyralidae) reared on artificial diet with Gemifloxacin Mesylate |
| 12:30-12:45    | Ercan OKTAN, Zafer YÜCESAN, Ali Ömer ÜÇLER, Öznur YÜRÜK & <u>Neslihan ATAR</u> | Role and Importance of Degraded Forests in Sustainable Natural Resource Management  |
| 12:45-13:30    | LUNCH  |   |
| 13:30-14:30    | EVALUATION AND CLOSING MEETING   |   |
| 14:30-19:00    | Excursion of Kayseri city  |   |
| 20:00-23:00    | GALA DINNER  |   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| HALL                                 |  |  |
|--------------------------------------|--|--|
| NAME                                 | <b>HALL 9</b>  |  |
| PLACE                                | <b>Erciyes University (Main Campus)<br/>Faculty of Science</b>   |  |
| THEMES                               | <b>Wildlife and Biodiversity-Plant</b>   |  |
| <b>Thursday 11 May 2017 (HALL 9)</b> |  |  |
| <b>SESSION<br/>9.1</b>               | <b>Wildlife and Biodiversity-Plant</b>   |  |
|                                      | <b>Session Chair</b><br>Assoc. Prof. Dr. Ilgaz AKATA   | <b>Session Chair Assistant</b><br>Dr. Çiğdem Alev ÖZEL   |
| 13:30-13:45                          | <b>Sebastian J., S.R. Rathinavel, Jayalakshmi &amp; Kuriakose, G.</b>  | An Experimental Approach to study the Distribution of Endemic Orchids In the Southern Western Ghats, Kerala, India   |
| 13:45-14:00                          | <b>Mevlüt ALATAŞ &amp; Nevzat BATAN</b>  | The Bryophyte Flora of Baskil (Elazığ /Turkey) District  |
| 14:00-14:15                          | <b>Çiğdem Alev ÖZEL</b>  | An Exhaustive comparison Of Micropropagation And Adventitious Shoot Generation Studies Of Certain Turkish Muscivorous Species Under <i>In Vitro</i> Conditions |
| 14:15-14:30                          | <b>Abdullah KAYA, Yasin UZUN, İbrahim Halil KARACAN &amp; Semiha YAKAR</b>   | Edible Macrofungi Determined in Gaziantep Province (Turkey)  |
| 14:30-14:45                          | <b>Şahid FAROOQ, İzzet KADIOĞLU &amp; Cumali OZASLAN</b>   | Do Input Predictors Matter for Species Distribution Modeling in the Era of Big Data?   |
| 14:45-15:00                          | COFFEE BREAK   |  |
| 15:00-15:30                          | Keynote Session (HALL 1A) : <b>Prof. Dr. Majeti Narasimha Vara PRASAD</b><br>"Restoration Ecology for Addressing Mine Waste- trade-offs in Contemporary Regime"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Osman SAMSUN</b><br>"Protection Procedure and Sustainable Fishery Management on Economic Fish Resources in Turkey" |  |
| 15:30-15:45                          | COFFEE BREAK   |  |
| <b>SESSION<br/>9.2</b>               | <b>Wildlife and Biodiversity-Plant</b>   |  |
|                                      | <b>Session Chair</b><br>Prof. Dr. Mehmet Yaşar DADANDI   | <b>Session Chair Assistant</b><br>Asst. Prof. Dr. Mevlüt ALATAŞ  |
| 15:45-16:00                          | <b>Ilgaz AKATA</b>   | Ecology and Distribution of Turkish <i>Sclerodermataceae</i>   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|             |  |  |
|-------------|--|--|
| 16.15-16:30 | <b><u>Ayşe Dilek UNAN</u> &amp; <u>Muhammet ÖREN</u></b>   | Deadwood as an Important Habitat for Bryodiversity                                 |
| 16:30-16:45 | <b><u>Hamdi Güray KUTBAY</u>, <u>Şenay ULU AĞIR</u>,<br/><u>Burak SÜRME</u>N &amp; <u>Dudu Duygu KILIÇ</u></b> | Current Floristic Status of Sand Dunes in Central Black Sea Region (Samsun/TURKEY) |
| 16:45-17:00 | <b><u>Avni YILDIZBAŞ</u> &amp; <u>Murat KOÇ</u></b>  | The Taxonomic Revision of genus <i>Bolanthus</i> (Caryophyllaceae) in Turkey       |
| 17:00-17:15 |  |  |

## Friday, 12 May 2017 (HALL 9)

| SESSION<br>9.3 | Wildlife and Biodiversity-Plant  |  |
|----------------|--|--|
|                | Session Chair  | Session Chair Assistant  |
|                | Assoc. Prof. Dr. Talip ÇETER   | Asst. Prof. Dr. Murat KOÇ  |
| 9:00-9:15      | <b><u>Güray UYAR</u>, <u>Mevlüt ALATAŞ</u>, <u>Tülay EZER</u>,<br/><u>Muhammet ÖREN</u> &amp; <u>Merve CAN GÖZCÜ</u></b>   | Epiphytic Bryophyte Vegetation of Samanlı Mountains (Sakarya-Kocaeli-Yalova-Bursa) in Northwest Turkey |
| 9:15-9:30      | <b><u>Hayrettin SAYGIN</u>, <u>Nevzat ŞAHİN</u>, <u>Ali TOKATLI</u>, <u>Cengiz NİGİZ</u> &amp; <u>Önder İDİL</u></b>   | Determination of <i>Actinobacteria</i> Biodiversity of Sapanca Lake by Molecular Methods               |
| 9:30-9:45      | <b><u>Erkan SEKER</u> &amp; <u>Mehmet ÇİÇEK</u></b>  | Seed morphology of the genus <i>Thymra</i> L. (Lamiaceae) in Turkey                                    |
| 9:45-10:00     | <b><u>Yelda EMEK</u></b>   | Effect of Temperature on <i>In vitro</i> Seed Germination of Endemic <i>Nepeta viscida</i> (Lamiaceae) |
| 10:00-10:15    |  |  |
| 10:15-10:30    | COFFEE BREAK   |  |
| 10:30-11:00    | Keynote Session (HALL 1A) : <b>Prof. Dr. Krzysztof SZOSZKIEWICZ</b><br>"Development of Biological Methods in Monitoring - Challenge of the 21st Century"<br>Keynote Session (HALL 1B) : <b>Prof. Dr. Çağatay GÜLER</b><br>"Ecology, Environment and Public Health" |  |
| 11:00-11:15    | COFFEE BREAK   |  |
| SESSION<br>9.4 | Wildlife and Biodiversity-Plant  |  |
|                | Session Chair  | Session Chair Assistant  |
|                | Prof. Dr. Güray UYAR   | Asst. Prof. Dr. Serhat URSAVAŞ   |
| 11:15-11:30    | <b><u>Ülker Aslı GÜLER</u> &amp; <u>Merve TÜRKAY</u></b>   | Synthesis of Alginate-Algae and Tetracycline Removal from Aqueous Solutions                            |
| 11:30-11:45    | <b><u>Muhip HİLOOĞLU</u> &amp; <u>Emel SÖZEN</u></b>   | Population Genetic Structure of Invasive Plant <i>Eichhornia crassipes</i> in Asi River                |
| 11:45-12:00    | <b><u>İbrahim TÜRKEKUL</u> &amp; <u>Hakan IŞIK</u></b>   | Macrofungi from Aydıncık (Yozgat) District   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

|                    |   |  |
|--------------------|---|--|
| 12:00-12:15        | <b>Nurettin ASAN, Hülya HOŞGÖREN &amp; Ömer SAYA</b>  | The Flora Of Şenoba District And Its Surroundings (Uludere-Şırnak)   |
| 12:15-12:30        | <b>Wan Bayani Wan OMAR, Faridah MOHAMAD, Mohamad Firdaus Zainal ABİDİN &amp; Nurul Ezzati IBRAHIM</b>                     | Study on Genetic Variability of Mudcrab, <i>Scylla olivacea</i> at East Coast of Peninsular Malaysia Using Random Amplified Polymorphic DNA a preliminary assessment |
| 12:30-13:30        | LUNCH   |  |
| <b>SESSION 9.5</b> | <b>Wildlife and Biodiversity-Plant</b>  |  |
|                    | <b>Session Chair</b>  | <b>Session Chair Assistant</b>   |
|                    | <b>Assoc. Prof. Dr. Musa CABBAROV</b>   | <b>Dr. Muhip HİLOOĞLU</b>  |
| 13:30-13:45        | <b>Sati SARIOĞLU, Tamer KEÇELİ, Serhat URSAVAŞ &amp; Melike USLU</b>  | Contributes to the Bryophyte Flora of Acarlar (Sakarya) Lake Longoze Forest  |
| 13:45-14:00        | <b>Seher KARAMAN ERKUL, Talip ÇETER &amp; Davut BOZER</b>   | Pollen, leaflet and seed morphology of <i>Astragalus</i> Sect. <i>Macrophyllum</i> (Fabaceae) in Turkey  |
| 14:00-14:15        | <b>Serife TOPKAYA &amp; Yusuf YANAR</b>   | Determination of Viruses in Pepper Growing Areas of Tokat Province   |
| 14:15-14:30        | <b>Serhat URSAVAŞ, Zeki IŞIN &amp; Tamer KEÇELİ</b>   | Moss Flora of İgneada Longoze Forests National Park  |
| 14:30-14:45        | <b>Cengiz NİGİZ &amp; Nevzat SAHİN</b>  | Actinobacteria Biodiversity of Bolu-Gölcük National Park   |
| 14:45-15:00        | COFFEE BREAK  |  |
| 15:00-15:30        | <b>Keynote Session (HALL 1A) : Prof. Dr. Bülent CİHANGİR</b>  |  |
|                    | "An Extreme Pristine Ecotourism Destination: Galapagos Island"  |  |
|                    | <b>Keynote Session (HALL 1B) : Prof. Dr. Ahmet ALP</b>  |  |
|                    | "Fish Migration and Fish Passages for Sustainable Hydro Energy Investments: A Case Study from Ceyhan River Basin, Turkey" |  |
| 15:30-15:45        | COFFEE BREAK  |  |
| <b>SESSION 9.6</b> | <b>Wildlife and Biodiversity-Plant</b>  |  |
|                    | <b>Session Chair</b>  | <b>Session Chair Assistant</b>   |
|                    | <b>Assoc. Prof. Dr. Faruk SELÇUK</b>  | <b>Asst. Prof. Dr. Hülya HOŞGÖREN</b>  |
| 15:45-16:00        | <b>N. Münevver PINAR, Talip ÇETER &amp; Aydan ACAR ŞAHİN</b>  | The dynamics of Betulaceae pollen in the atmosphere of Black Sea region, Turkey  |
| 16:15-16:30        | <b>Sezer OKAY, Tamer KEÇELİ &amp; Ömer Cem KARAKOÇ</b>  | Antimicrobial, Antioxidant, and Insecticidal Activities of <i>Frullania tamarisci</i> (L.)   |
| 16:30-16:45        | <b>Vagif ATAMOV &amp; Musa CABBAROV</b>   | Xerophyte Plant Biodiversity of The Nakhichevan (Azerbaijan)   |
| 16:45-17:00        | <b>Faruk SELÇUK and Cem Can CEBECİ</b>  | New Records Microfungi for Turkey from Central Anatolian Region  |
| 17:00-17:15        | <b>Signem ONEY-BİROL, Sorel Fitz-GIBBON, Jin-Ming CHEN, Paul F. GUGGER &amp; Victoria L. SORK</b>                         | Shared Genetic Variation Across Sympatric Oaks   |

# ECOLOGY 2017

11-13 May 2017 Erciyes University, Kayseri-TURKEY

| Saturday, 13 May 2017 (HALL 9) |  |   |
|--------------------------------|--|---|
| SESSION<br>9.7                 | Wildlife and Biodiversity-Plant  |   |
|                                | Session Chair  | Session Chair Assistant   |
|                                | Prof. Dr. Mehmet Yaşar DADANDI   | Asst. Prof. Dr. Mevlüt ALATAŞ   |
| 9:00-9:15                      | <u>Umit YIRTICI</u> , Mert Kemal ÖZDİL & Aysun ERGENE  | Antioxidant and antimicrobial activity of endemic <i>Centaurea fenzlii</i> Reichardt                                |
| 9:15-9:30                      | <u>Yakup YAPAR</u> & Lütfi BEHÇET  | Re-Evaluation Of Some Determined Endemic Taxa Spreading In Hiro Plateau (Adakli-Bingöl) In Terms Of Risk Categories |
| 9:30-9:45                      | <u>Yusuf YANAR</u> , Çiğdem ÖZYİĞİT, Atilla ÖKSÜZ, Yakup BUDAK & Mustafa CEYLAN  | Evaluation of Antifungal Activity of <i>Saponaria officinalis</i> Extracts Against Filamentous Fungi                |
| 9:45-10:00                     | <u>Mustafa KOCAKAYA</u>  | Ecology of <i>Cladonia rangiferina</i> group Distributed in Turkey  |
| 10:00-10:15                    | COFFEE BREAK   |   |
| SESSION<br>9.8                 | Wildlife and Biodiversity-Plant  |   |
|                                | Session Chair  | Session Chair Assistant   |
|                                | Assoc. Prof. Dr. Mehmet ÇİÇEK  | Asst. Prof. Dr. Ümit YIRTICI  |
| 10:15-10:30                    | <u>Lalahum Milod.M. ALAKKARIA</u> , Talip ÇETER, Ergin Murat ALTUNER, Nur Münevver PINAR, Kamil COŞKUNÇELEBI, Mohamed Ali SALEM & Hajer Mohamed ELGHERIANI | Investigation of The Antimicrobial Activity of <i>Salix excelsa</i>   |
| 10:30-10:45                    | <u>Mohamed Ali SALEM</u> , Hajer Mohamed ELGHERIANI, Ergin Murat ALTUNER, Talip ÇETER, Barış BANİ & Kerim GÜNEY  | Antimicrobial Activity of <i>Stachys amanica</i>  |
| 10:45-11:00                    | <u>Bayram ATASAGUN</u> & Ahmet AKSOY   | Autecological Characters and Conservation Biology of <i>Astragalus stenosemioides</i>                               |
| 11:15-11:30                    |  |   |
| 11:30-11:45                    | COFFEE BREAK   |   |
| 12:45-13:30                    | LUNCH  |   |
| 13:30-14:30                    | EVALUATION AND CLOSING MEETING   |   |
| 14:30-19:00                    | Excursion of Kayseri city  |   |
| 20:00-23:00                    | GALA DINNER  |   |