

**PROGRAM**

**INTERNATIONAL CONFERENCE**

**Air-Land-Sea Interactions ICALSI 2019**

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4-5 April 2019

Baku, Azerbaijan

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**Marble Hall, Khazar University**

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| 09.15 – 09.45 09:45 – 10.20 |  **4 April 2019****REGISTRATION****OPENING SESSION & WELCOME SPEECH****Rovshan Abbasov, PhD** *Conference Chair, Head of Department of Geography and Environment, Khazar University, Azerbaijan***Prof. Hamlet Isakhanli***Founder of Khazar University, Azerbaijan***Zafer Aslan, PhD** *Vice-Rector, Istanbul Aydin University, Turkey*  |
| 10:20 – 11:0011:00 – 11:15 | **Ahmet D. SAHIN,** Istanbul Technical UniversitySolar Energy systems, on Sea Surface, Case in Istanbul**COFFEE BREAK** |
| 11.45 – 11:30 11:30 – 11:4511:45 – 12:0012:00 – 12:1512:15 – 12:3012:30 – 12:4512:45 – 13:00 | **Session I****Chairperson: Rovshan Abbasov** **Mahluga Yusifova, Nigar Sultanova**Prospects of the consumption of biofuels in Azerbaijan**Rza Mahmudov**The influence of contemporary clımate changes to hydrometeorological securıty of Traceca region**Rovshan Abbasov**Developing Environmentally Sustainable scenariopus for the future development and use of Khojasan lake, Azerbaijan**Elnur Safarov**The Caspian Sea level variations on the background of the global climate impacts**Gulnar Abdullayeva, S. M. Rüstəmova, I. M. Hüseynova**Sequence analysis of dreb gene from wheat genotype 'Barakatli 95'**Vaqif Farzaliyev, Gunay Ismailova, Bella Musayeva, Nelya Novotorjina**Study of sulfur, nitrogen-organic compounds obtained from ecologically pure glycerol derivatives**Evaluation of Session I** |
| 13.00 – 14.00 | Lunch |
| 14:00 – 14:1514:45 – 14:3014:30 – 14:4514:45 – 15:0015:00 – 15:1515:15 – 15:3015:30– 15:45 | **Session II****Chairperson: Ahmet D. SAHIN** **Aysel Mammadova**Environmental impacts from natural resources in Azerbaijan**Ulduza Gurbanova, Shahniyar Bayramov, Irada Huseynova**Dynamics of some carbon and nitrogen metabolism enzymes during the day in various wheat genotypes under drought**Nargiz Sultanova**Occurrence and diversity of single and double viral infections of solanaceous crops in Azerbaijan**Alibaba Niftaliev, Imran Amirov, Albert Tagiev**Assessment of environmental pollution along the coastlines of the Caspian Sea**Ruhangiz Mammadova, Leyla Nagiyeva**Identification verticillium dahliae resistant cotton genotypes using chromosome substitution lines**Evaluation of Session II****COFFEE BREAK** |
| 15:45 – 16:0016:00– 16:1516:15 – 16:3016:30– 16:4016:40 – 16:5016:50 – 17:0017:00-17.10 | **Session III****Chairperson: Zafer ASLAN** **Rovshan Karimov**Road transport and air pollution in Azerbaijan**Lale Aydinli, Durna Aliyeva**Diurnal temperature-related dynamics of glutathione reductase activity in wheat genotypes under drought**Rustam Rustamov**Conceptual approach of the regional problem of the global climate change**Nemat Hasanov**Environmental problems of the Caspian Sea**Matanat Avazova**Land Degradation in Azerbaijan**Keramova Ramida Aga-Dadash**Microseismic zones of the Caspian sea, first identified on the basis of the abnormalities in the year-round monitoring of the underground water’s regime in Azerbaijan (1986-2014)**Evaluation of Session III** |
| 17:10– 17:2517:25 – 17:4017:40 – 17:5517:55 – 18:0518.05 – 18:1518:15-19.00 | **Session IV****Chairpersons: Rovshan ABBASOV /** **T. Y. Isgandarova, S. M. Rustamova**Catalase activity during flag leaf senescence of wheat plants under water deficit**Zelha Altınkaya**Awareness of university students on renewable energy**Jevahir Rajabli, Gulgez Nagiyeva**Environmental problems of cleaning water and ground surfacefrom petroleum and petroleum products**Maksud Babaev, Gunay Hasanova**The Role of the Kur River Basin in the economy of Azerbaijan**Evaluation of Session IV****PROJECT WORKSHOP (with invitation)** |
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| 09:15 – 09:4009:40 – 10:0010:00 – 10:2010:20 – 10:3010:30-10.45 | **5 APRIL 2019****Orhan SEN, Istanbul Technical University**Carbon Emissions, market and trading**Donald GABRIELS,** UNESCOLand Degradation and Desertification: An Interaction of Land, Water and Weather**S. T. Zulfugarova, S. A. Omarova, S. M. Rustamova**Study of membrane stability and membrane damage rate in wheat cultivars under heat stress**Gulnara Shikhseyidova, Samira Salayeva, Ellada Akhundova**Biodiversity assessment of durum wheat accession based on molecular markers**COFFEE BREAK** |
| 10:45 – 11:0011:00 – 11:1511:25 – 11:3011:30 – 11:4511:45 – 12:0012:00 – 12:1512:15-12: 3012:30-12.45 | **Session V****Chairpersons: Donald GABRIELS /** **Gulnara Guluzada, Javid Ojaghi**Assessment of synthetic hexaploid wheat based on biomorphological traits in salt stress condition**Pervin Mamedova, Konul Kakhamanova, Elbei Babayev, Tarana Ibraqimova**Microbiological purification of oil pollution in Caspian sea waters**Vaqif Farzaliyev, Gunay Ismailova, Bella Musayeva, Nelya Novotorjina**Study of sulfur, nitrogen-organic compounds obtained from ecologically pure glycerol derivatives**Zehra Betül Öcal Sarıhan, Ahmet Karagündüz**Developing a sustainable process with boron removal from water**Orhan Şen, Merve Yılmaz, Esra Kesef, Evren Özgür**Air pollution and inversion features in Erzurum, Turkey**Zeynep F. Ünal, Onur Uysal, Elçin Tan, Orhan Sen** Meteorological analysis of winter sports in various places in Turkey**Zeynep F. Ünal, Umur Dinc, Hüseyin Toros**Application of Deep Learning Method for Air Pollution Forecasting on Ankara**Evaluation of Session V** |
| **12.45-13.00** | **Closing Remarks****Zafer Aslan**İstanbul Aydın University**Rovshan Abbasov**Khazar University**Shlomo Weber** Professor Emeritus, Southern Methodist University, Dallas, USA**Donald Gabriel**UNESCO Chair on Eremology, Ghent University, Belgium |
| **13.00 – 14.00** | **Lunch** |
| **14.00** | **Day trip starts** |
|  | **POSTERS****Fatma Suleymanova**Change of microfaunist residues based on mineralogical and geochemical analysis (using the example of the Khara-Zira area)**Buket Kılıc, Zafer Aslan**Predictability and feedback effects of land surface classification and atmospheric parameters**Eldar Muradly**Reconstruction of quantitative indicators of azerbaijan's climate in early pleistocene based on mineralogical information**Emrah Tuncay Ozdemir, Omer Yetemen, Zafer Aslan**Investigation of Wind Storms & Heavy Rain at Newcastle Williamtown Airport in Australia**Keramova Ramida Aga-Dadash**Microseismic zones of the Caspian sea, first identified on the basis of the abnormalities in the year-round monitoring of the underground water’s regime in Azerbaijan (1986-2014)**Ramida Keremova, Yusifova Kh. Kh., M. G. Badalova, S. N. Gurbanzadeh**Abnormal changes in the radon field in the groundwater of Azerbaijan in the preparation of strong earthquakes (on the example of local and remote earthquakes)**Rustam Rustamov**Conceptual approach of the regional problem of the global climate change**Gulnur Salmanova**Climate change impacts on water resources of Shaki-Zagatala region, Azerbaijan**Sevinj Burzuyeva**Contemporary changes in high mountain landscapes in southern slopes of Great Caucasus, Azerbaijan**Rashail Ismailov**Transboundary pollution in the Kura river basin |