

**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 – 11:00  11:00 – 11:15 | **Ahmet D. SAHIN,** Istanbul Technical University  Solar Energy systems, on Sea Surface, Case in Istanbul  **COFFEE BREAK** |
| 11.45 – 11:30  11:30 – 11:45  11:45 – 12:00  12:00 – 12:15  12:15 – 12:30  12:30 – 12:45  12:45 – 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 – 14:15  14:45 – 14:30  14:30 – 14:45  14:45 – 15:00  15:00 – 15:15  15:15 – 15:30  15:30– 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 – 16:00  16:00– 16:15  16:15 – 16:30  16:30– 16:40  16:40 – 16:50  16:50 – 17:00  17:00-17.10 | **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– 17:25  17:25 – 17:40  17:40 – 17:55  17:55 – 18:05  18.05 – 18:15  18:15-19.00 | **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 – 09:40  09:40 – 10:00  10:00 – 10:20  10:20 – 10:30  10:30-10.45 | **5 APRIL 2019**  **Orhan SEN, Istanbul Technical University**  Carbon Emissions, market and trading  **Donald GABRIELS,** UNESCO  Land 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 – 11:00  11:00 – 11:15  11:25 – 11:30  11:30 – 11:45  11:45 – 12:00  12:00 – 12:15  12:15-12: 30  12:30-12.45 | **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 |