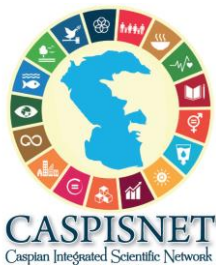




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Institute of Geography of the Azerbaijan National Academy of Sciences (IGAZ)

University of Geneva, Institute of Environmental Sciences



LIGHTHOUSE



Caspian Integrated Scientific Network (CASPISTNET)

Annual Meeting

**CASPIAN BASIN DEVELOPMENT AT THE HEART OF
CLIMATE CHANGE – WATER – ENERGY - FOOD
NEXUS:**

REGIONAL PATHWAYS TO SUSTAINABILITY

4 - 5 June 2019

Holiday Inn Hotel, Baku, Azerbaijan



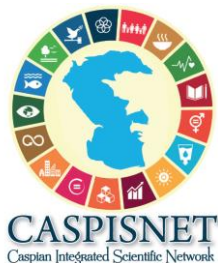
Institute of Geography named Academician H.A. Aliyev of Azerbaijan National Academy of Sciences

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CASPISNET VENUE

In May 2018 an international working group on the sustainable development of the Caspian Sea Region (*CASPISNET - Caspian Integrated Scientific Network*) was initiated by a multidisciplinary group of scientists from the riparian countries - Azerbaijan, Russia, Iran, Kazakhstan and Turkmenistan. The initial group was joined by experts from France, Germany, Italy, Russia, Switzerland, Turkey and the United States in a special meeting initiated by the Institute of Geography of Azerbaijan National Academy of Sciences (IGAZ).

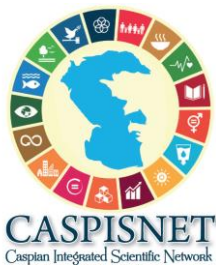
Within the framework of the CASPISNET's action plan, the organizational board has agreed on convening an annual meeting added to technical workshops following a first edition organised in May 2018. Currently CASPISNET gathers more than fifty experts from sixteen countries connecting about forty universities, organizations, laboratories and private companies specialised and working in Earth Sciences, Natural Sciences, Applied Sciences, Remote Sensing, GIS and also several disciplines from Social Sciences related with the Caspian Sea Region sustainable development following the UN 2030 goals. The two Co-chairs of CASPISNET are currently from Azerbaijan (Institute of Geography of Azerbaijan National Academy of Sciences) and Switzerland (University of Geneva).

The signing of the Convention on the Legal Status of the Caspian Sea (CS) in August 2018 has opened new pathways of cooperation to address emerging challenges related to regional impacts of climate change, extreme weather patterns, environmental degradation, food security, and the quality of life. In this context, CASPISNET aims to develop a decision-making support system at the regional level by pulling scientific resources towards environmental and sustainability data curation and analysis. While connecting global and local dynamics of change to the United Nations 2030 Agenda for Sustainable Development, CASPISNET also aims to bridge practice-informed environmental and anthropogenic hazards from the Private Sector and risk assessments tools to regional policy formulation for a comprehensive adaptation and Disaster Risk Reduction strategy for the Caspian basin.

The 2019 Annual Meeting of CASPISNET titled "**CASPIAN BASIN DEVELOPMENT AT THE HEART OF CLIMATE CHANGE – WATER – ENERGY - FOOD NEXUS: REGIONAL PATHWAYS TO SUSTAINABILITY**" is to localise global strategies of sustainability and Agenda 2030 advancement in the Caspian Basin informed by emerging sustainability and WEF Nexus research in the region.



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OUR PARTNERS



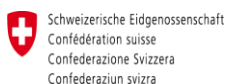
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AMBASSADE DE FRANCE
EN AZERBAIDJAN



Embassy of Italy in
Azerbaijan



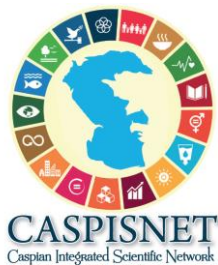
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Day 1, Monday 03 June 2019

CASPISNET Board Meeting (Board members only)

Location: Holiday Inn Hotel (*Keykab Khanim Safaraliyeva Str., 5*)
Session: CASPISNET scientific meeting
Hall: Paris
Time set: 09:00-18:30

| | |
|--------------------|----------------------------|
| 09:00-11:00 | General discussion |
| 11:00-11:30 | <i>Coffee break</i> |
| 11:30-13:30 | Belmont Forum, Section 1 |
| 13:30-14:30 | <i>Lunch</i> |
| 14:30-16:00 | Belmont Forum, Section 2 |
| 16:00-16:30 | <i>Coffee break</i> |
| 16:30-18:30 | Belmont Forum, Section 3 |

Day 2, Tuesday 04 June 2019

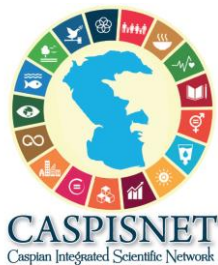
CASPISNET Annual Meeting (Official opening)

Location: Holiday Inn Hotel (*Keykab Khanim Safaraliyeva Str., 5*)
Session: CASPISNET scientific meeting
Hall: Baku Ballroom
Time set: **08:30-15:00**

| | |
|-------------|---|
| 08:30-09:00 | Registration |
| | Opening |
| | Chairs: Prof. Dr. Ramiz Mammadov & Prof. Dr. Alexandre Hedjazi |
| | CASPISNET Working Groups 2019-2020 Agenda |
| 09:00-09:30 | Prof. Akif Alizade, President of ANAS, Prof. Dr. Ramiz Mammadov (Director of the Institute of Geography of ANAS) / Prof. Dr. Alexandre Hedjazi (University of Geneva, Director GEPP Program) |
| 09:30-09:40 | Azerbaijan Sustainability Agenda: Connecting Global and Regional governance of Sustainability |



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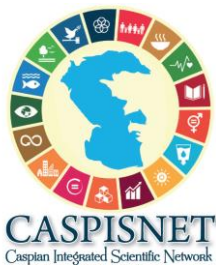


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| | |
|--------------------|---|
| | Mr. Mukhtar Babayev, Minister of Ecology and Natural Resources of the Republic of Azerbaijan |
| 09:40-10:10 | National Contributions to the Caspian Scientific Network H.E. Ms. Aurelia Bouchez, Ambassador of France H.E. Mr. Augusto Massari, Ambassador of Italy Embassy of Switzerland (TBC) |
| 10:10-10:20 | Global Sustainability Agenda and Funding Tools Dr. Katja Schaefer, UN HABITAT, Inter-regional advisor |
| 10:20-10:30 | (TBC) Mr. Anar Guliyev, State Committee for Urban Planning and Architecture of the Republic Azerbaijan |
| 10:30-10:40 | National Policy towards Agenda 2030 and SDG implementation Mr. Huseyn Huseynov, National Executive Secretary - SDG Council |
| 10:40-10:50 | Caspian emerging energy dynamics Dr. Greg Riley, BP Azerbaijan |
| 10:50-11:00 | Sustainability Monitoring Tools for the Caspian Basin Dr. Carsten Bjornsson, Business Development Manager ESRI Global, USA |
| 11:00-11:20 | <i>Coffee break</i> |
| 11:20-11:35 | Agenda 2030, Sustainable Infrastructures and Rating Systems: the case of Envision Prof. Dr. Spiro Pollalis – Director of the Zofnass Program at Harvard University, USA |
| 11:35-11:50 | Connecting Regional Scientific Networks - Lessons from Chile H.E. Gabriel Jara, Representative of Embassy of Chile |



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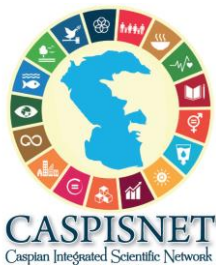


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| 11:50-12:05 | <p>The Caspian Sea Multidisciplinary research as a part of UN Decade of Ocean Science for Sustainable development (2021-2030)</p> <p>Dr. Sergey Shapovalov, P.P. Shishov Institute of Oceanology, Moscow, Russia.</p> |
| 12:05-12:20 | <p>Lakes and Climate changes, survey from satellites</p> <p>Dr. Jean-François Crétaux, LEGOS/CNES, France</p> |
| 12:20-12:35 | <p>Addressing Sustainable Development Goals (SDGs) on Coastal Eutrophication and Water Quality through Satellite Observations</p> <p>Dr. Nima Pahlevan – NASA Goddard Space Flight Center</p> |
| 12:35- 12:50 | <p>What don't we know about the Caspian: Identification of new, most acute problems of the Caspian and prospects for their solutions</p> <p>Prof. Dr. Andrei Kostianoy - Institute of Oceanology, Russian Academy of Sciences / COSPAR</p> |
| 12:50-13:05 | <p>Past Climatic Changes and Sea Level Changes in the Basin of the Caspian Sea: Impact on Past Societies</p> <p>Dr. Suzanne Leroy, Laboratoire méditerranéen de préhistoire Europe Afrique, Ecosystèmes Quaternaires, France</p> |
| 13:05-14:05 | Lunch |
| 14:05-14:20 | <p>New perspectives in processing Earth Observation data sets using Thematic Exploitation Platforms</p> <p>Dr. Stefano Vignudelli - Consiglio Nazionale delle Ricerche (CNR), Italy</p> |
| 14:20-14:35 | <p>Design Principles for Regional Environmental Governance: Discussing the Case of the Caspian Sea</p> <p>Dr. Jon Marco Church - University of Reims Champagne-Ardenne</p> |
| 14:35-15:00 | <p>Urbanization processes of the Caspian Region: Toward Caspian Urban Platform</p> <p>Aliyev Tural & Hashemi Alireza – The University of Geneva</p> |
| 15:00-15:30 | Discussion |



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Day 2, Tuesday 04 June 2019

CASPISNET Annual Meeting - Sessions Part 1

Session: Sub-Working Groups special discussion – Session 1
Hall: Moscow (**CASPISNET and stakeholders only**)
Time set: **15:00-18:30**

| | |
|--------------------|---|
| 15:00-16:30 | CASPISNET SWG's session 1: Bridging current regional research with Global Sustainability Agenda |
| 16:30-16:45 | <i>Coffee break</i> |
| 16:45-18:30 | CASPISNET SWG's session 2: Bridging current regional research with Global Sustainability Agenda |

Day 3, Wednesday 05 June 2019

CASPISNET Annual Meeting - Sessions Part 2

Session: Sub-Working Groups special discussion – Session 2
Hall: Paris (**CASPISNET members only**)
Time set: **09:00-13:00**

| | |
|--------------------|---|
| 09:00-11:00 | CASPISNET SWG's session 3: Bridging current regional research with Global Sustainability Agenda |
| 11:00-11:30 | <i>Coffee break</i> |
| 11:30-13:30 | CASPISNET SWG's session 4: Bridging current regional research with Global Sustainability Agenda |
| 13:30-14:30 | <i>Lunch</i> |
| 14:30-16:00 | SWG Synthesis - Swiss National Science Fund Proposal |
| 16:00-16:30 | <i>Coffee break</i> |
| 16:30-18:30 | SWG Synthesis - UN Adaptation Fund Proposal |

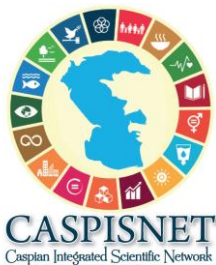
Day 4, Thursday 06 June 2019

CASPISNET Annual Meeting - Projecting

Session: CASPISNET Belmont Forum and UN active calls
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Hall: Paris (**CASPISNET members only**)

Time set: **09:00-18:30**

| | |
|--------------------|--|
| 09:00-11:00 | CASPISNET – Belmont Forum project full draft preparation |
| 11:00-11:30 | <i>Coffee break</i> |
| 11:30-13:30 | CASPISNET – Belmont Forum project full draft preparation |
| 13:30-14:30 | <i>Lunch</i> |
| 14:30-16:00 | CASPISNET – Belmont Forum project full draft preparation |
| 16:00-16:30 | <i>Coffee break</i> |
| 16:30-18:30 | CASPISNET – UN Adaptation Fund Proposal |

Day 5, Friday 07 June 2019

CASPISNET Scientific Committee Meeting

Session: Caspian Observatory on Regional Sustainability (CORS)

Hall: Paris (**CASPISNET members only**)

Time set: **09:00-18:00**

| | |
|--------------------|-----------------------------|
| 09:00-11:00 | CORS Organization Session 1 |
| 11:00-11:30 | <i>Coffee break</i> |
| 11:30-13:00 | CORS Organization Session 2 |
| 13:00-14:00 | <i>Lunch</i> |
| 14:00-16:00 | CORS Organization Session 3 |
| 16:00-16:30 | <i>Coffee break</i> |
| 16:30-18:30 | CORS summary |

Day 6, Saturday 08 June 2019

CASPISNET Scientific Committee Meeting

Session: General Summary and planning for the next two years

Hall: Paris (**CASPISNET members only**)

Time set: **09:00-18:30**

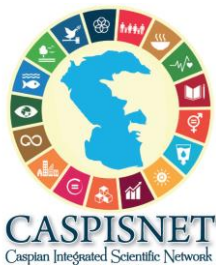
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| | |
|--------------------|---------------------------------------|
| 09:00-11:00 | Discussion 1 |
| 11:00-11:30 | <i>Coffee break</i> |
| 11:30-13:00 | Discussion 2 |
| 13:00-14:00 | <i>Lunch</i> |
| 14:00-16:00 | Discussion 3 |
| 16:00-16:30 | <i>Coffee break</i> |
| 16:30-18:30 | Summarizing of CASPISTNET White Paper |

CASPISTNET - ESRI training same time set for 3-11 June 2019 for max. 15 persons

Lecturer: Mark Stewart, ESRI Global, USA

Sessions: 3 and 5 June, 5-7 June, 8-11 June

Hall: London or Moscow