



Al-Qasemi Academic College



# Climate Crisis and its Coping Strategies

International Conference of Al-Qasemi Academic College - 2023

**12-15/03/2023**



Conference site  
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# Conference Program

## First Day - 12.3.2023 (Legacy Hotel-Nazareth)

17:00-19:00  
Greetings and opening remarks  
A musical cultural event  
Dinner

## Second Day - 13.3.2023 (Al-Qasemi Academic College)

08:30- 09:00  
Registration and assembly  
**Greetings:**

09:00- 09:30  
**Attorney Afeef Abu Toamah** - Chairman of the Board of Directors of Al Qasemi Academy  
**Prof. Anwar Rayan** - President of Al-Qasemi Academic College  
**Ms. Cecilia Attard Pirota** - The Ambassador of Malta  
A representative from the ministry of regional cooperation

### Morning session

09:30-12:00  
**Subject of the session: Climate Change: Public Awareness & Policy**  
**Session Chairs:** Dr. Mai Anabosi-Atamna; Prof. Rassem Khamaisi  
**main lecture:** Prof. Rassem Khamaisi - Urban Planning on The Shadow of Climate Changes  
**Lecture 2:Dr. Asi Ibrahim** - Use of Recycled Asphalt in Roads Construction: Laboratory Performance and Environmental and Cost Impacts  
**Lecture 3: Dr. Meital Peleg Mizrachi** - Killer sale - Fashion, Climate and Society  
**lecture 4: Prof. Maoz Fine** - Safeguarding the Resilient Coral Reefs of the Northern Red Sea: The Urgent Need for Regional and National Conservation Efforts  
**lecture 5: Mr. Noam Winer** - The Sun Triangle: Sustainability Powered by The Middle East  
**Lecture 6: Mr. Shareef Masarwe** -Climate Change & Society: Building Community Resilience

12:30-13:30  
poster exhibition

12:00-13:00  
Lunch

13:30-16:00

### Afternoon session

**Subject of the session: Climate change and environmental stresses**  
**Session Chairs:** Dr. Sare Asli

**Main lecture:** Prof. Noga Kronfeld - Adapting to a changing climate – development of climate risk and vulnerability mapping for applications across governance

**Lecture 2:** Dr. Walid Basha - Climate Change Contributing to Widespread Butterfly Decline: Case Report North of West Bank-Palestine

**Lecture 3:** Dr. Sharaf Al-Tardeh - Antimicrobial Activity and Genetic Fingerprinting of *Carthamus tenuis* Grown in Palestine

**Lecture 4:** Dr. Sare Asli - Phytotoxic effects of treated wastewater used for irrigation on root hydraulic conductivity and plant growth of maize seedlings

**Lecture 5:** Dr. Giora Ben Ari - The effect of high temperatures on olive oil yield and quality

16:00-16:30

Refreshments

### Third Day - 14.3.2023

09:00- 09:30

Registration and assembly

#### Morning session

**Subject of the session: Applied research and transformations in modern agriculture for food security until 2050**

**Session Chairs:** Prof. Mohammed Zeidan

**main lecture:** Prof. Abdallah Gera - Agricultural Research Challenges and Food Security: Athreat or an Opportunity?

09:30-12:00

**lecture2:** Dr. Gideon Toporov - Gidon Toporov- Growing food under a changing climate challenges and solutions

**lecture 3:** Avigail Heller - Urban Agriculture

**lecture 4:** Dr. Muamar Haj Yehia - Economic Implications of Climate Change for Israeli Agricultural

12:00-13:00

poster exhibition

12:30-13:30

Lunch

#### Afternoon session

**Subject of the session: Climate crisis and education**

**Session Chairs:** Dr. Abeer Watted

**Main lecture:** Prof. Tali Tal - Systemic effort to meet the challenge of climate change education in Israel.

13:30-16:50

**Lecture 2:** Dr. Gilmor keshet-Maor - Climate Change Education and practice

**Lecture 3:** Mr. Shafea Al-Gamal - Climate change education in the traditional agricultural Arab society.

**Lecture 4:** Prof. Franz Rauch - Professional Development for Education for Sustainable Development

**Lecture 5:** Prof. Ibrahim Delen - Creating Design-Based Applications Supporting Sustainability in Teacher Education Programs

**Lecture 6:** Dr. Fatma Özüdoğru - Comparing Turkish 2015 Environmental Education and 2022 Environmental Education and Climate Change Curriculum

**Lecture 7:** Prof. Muhamad Hugerat- Developing climate change awareness among science teachers using social media spaces

**Lecture 8:** Dr. Awny Masarwi - Concepts of environmental awareness in the Islamic education curriculum of Arab secondary schools in Israel

16:50-17:20

Refreshments

### Fourth Day-15.3.2023

09:00- 09:30

Registration and assembly

09:30-12:00

workshop: Drugs and the environment(chair: Prof. Amiram Goldblum)

**Prof. Anwar Rayan**-Short talk: "Widening therapeutic window of approved drugs by intelligent design"

**Prof. Amiram Goldblum** - Short talk: "Replacing "one disease - one target – one drug" by "one disease – few targets – one drug""

**Prof. Hanoch Senderowitz** - Short talk: "Selection of Screening Libraries"

**Dr. Amit Michaeli** - Short talk: "The Application of Reinforcement Learning for Peptidomimetic Macrocyclic Discovery and Optimization"

**Dr. Mizied Falah** - Short talk: "Cellular cross-talks as a potential candidate for cancer treatment"

**Dr.-Ing. Ziyad Abdallah**- Short talk: "Plant Lectins as agents and markers in medicinal applications, diagnosis and therapy"

**Eng. Mohamad Abo Nada** - Short talk: "Business entrepreneurship between scientific research intended to produce knowledge and research intended for business implementation"

**Dr. Nir Shahaf** - Short talk: "Large scale metabolomics, modern drug design and the climate crisis"

**Dr. Shayma El Atawneh** - Short talk: "Dual targeting for treating obesity" Academic College

**Prof. Mouhamed Zeidan** - Dean of the Faculty of Science; Al-Qasemi Academic College

**Prof. Abdallah Gera** - Former Director of Agriculture Research Organization and Plant Protection and Inspection Services, and Chief Scientist of Israel Ministry of Agriculture

12:00-13:00

lunch

13:30-15:00

Award ceremony of the short story contest on topics related to the environment and climate change