



CYPRUS ACADEMY  
OF SCIENCES, LETTERS,  
AND ARTS



THE CYPRUS  
INSTITUTE

RESEARCH • TECHNOLOGY • INNOVATION

The background of the brochure features a dramatic landscape. On the left, a large, bleached, and dead tree trunk stands against a sky filled with heavy, grey clouds. The ground in the foreground is parched and cracked, with a dark red horizontal band across the middle. The title text is overlaid on the right side of the image.

# Climate Crisis in the Eastern Mediterranean and Middle East

## PROGRAM BROCHURE

26 - 28 September 2024

Radisson Beach Resort, Larnaca, Cyprus



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The conference will be livestreamed on The Cyprus Institute's YouTube Channel.

To view, please use the links below:

Pre - conference workshops (September 25, 2024):

<https://www.youtube.com/watch?v=U0EPNhyNlek>

Day 1 (September 26, 2024):

<https://www.youtube.com/watch?v=uq6A4tljeUc>

Day 2 (September 27, 2024):

[https://www.youtube.com/watch?v=yCyy\\_OKtKQE](https://www.youtube.com/watch?v=yCyy_OKtKQE)

Day 3 (September 28, 2024):

<https://www.youtube.com/watch?v=pU-BLZ1wFTo>

The Eastern Mediterranean and Middle East (EMME) region is a recognized climate change “hotspot.” Recent data corroborates model projections, confirming that the catastrophic impacts of climate change will manifest here with exceptional intensity and increasing frequency. Moreover, the region’s per capita greenhouse gas emissions surpass the global average and continue to rise. If we fail to depart from the “business as usual” approach and do not act with urgency and in a coordinated manner, the consequences for the half-billion people residing in this region will be nothing short of devastating. These impacts will reverberate globally.



The Cyprus Academy of Sciences, Letters and Arts, in collaboration with The Cyprus Institute (Cyl), has organized the 2024 Conference on the Climate Crisis in the EMME Region. Amidst a backdrop of heightened political volatility and active conflict in the region—and fully cognizant of the horrific events currently unfolding—we gather to discuss, strategize, and act to prevent, or at least mitigate, what threatens to be the most significant impending disaster for the region’s populations ever. The participation of numerous distinguished scientists and leading policymakers ensures that the dialogue between the scientific community and decision-makers will be substantive, facilitating the acceleration of regional, national, and transnational action.

On behalf of the organizing committee, I extend a warm welcome to all attendees of the International Conference on Climate Crisis in the Eastern Mediterranean and Middle East. Thank you for your commitment and engagement in this most noble cause—combating an unprecedented challenge to our societies and our environment.

**Professor Costas N. Papanicolas**

Chair of the Organizing Committee

President Emeritus, The Cyprus Institute

Founding Member of the Cyprus Academy of Sciences, Letters and Arts

The Conference on **Climate Crisis in the Eastern Mediterranean and the Middle East** co-organized by the Cyprus Academy of Sciences, Letters, and Arts, and The Cyprus Institute, refers to a pressing issue of extreme importance not only for the region, but also for the world. It could be argued that we are facing not only a climate crisis, but a climate emergency, which necessitates immediate action.

As the National Academy of Cyprus, we consider sustainable development and equitable well-being as issues of great importance. Cyprus is a European country, but due to its geographical position it is close to both the Eastern Mediterranean and the Middle East, regions which are widely recognized as principal climate change hot spots. The organization of this major international conference is one of the many initiatives we are currently taking regarding climate crisis.

Our perspective is that climate change should be addressed by applying solid scientific foundations. Furthermore, we strongly consider that critical issues should be considered from various perspectives. This Conference therefore examines not only environmental or technical issues of the climate crisis, but also wider aspects such as financial, legal and moral aspects.

The Conference has invited a broad spectrum of key stakeholders, including scientists, researchers and policymakers who will reflect on the scientific findings, with the aim of reaching scientific and policy consensus. I am certain that its proceedings will be fruitful, and that they will guide our further collective actions for the benefit of the entire region.



**Professor Achilles Emilianides**

President of the Cyprus Academy of Sciences, Letters, and Arts



I would like to welcome you all to the international conference entitled "*Climate Crisis in the Eastern Mediterranean and Middle East*" organised by the **Cyprus Academy of Sciences, Letters and Arts** and **The Cyprus Institute**.

**The Eastern Mediterranean and Middle East (EMME)** is among the areas most vulnerable to the impacts of climate change. This region, already marked by arid climates and scarce water resources, faces compounded challenges due to rising temperatures, changing rainfall patterns, and an increase in extreme weather events. These environmental shifts threaten not only the natural ecosystems but also the socioeconomic stability of countries in this region. The interplay between climate stressors and existing social, economic, and political tensions could trigger further instability. Water and resource scarcity can fuel inter-state and intra-state conflicts, especially in fragile countries. Additionally, mass displacement due to climate impacts could exacerbate migration crises, as seen in the influx of refugees into neighbouring countries, already struggling with their own resources.

To mitigate these impacts, governments must collaborate on regional climate policies, invest in adaptation strategies, and develop sustainable resource management practices.

The Cyprus Institute plays a crucial role in advancing the study of climate change in the EMME region. We spearhead interdisciplinary research on climate science, with a focus on understanding regional impacts and developing strategies for adaptation and mitigation.

This conference, with the support of the Government of the Republic of Cyprus, marks the re-launching of the 2019-2022 initiative, known as Eastern Mediterranean and Middle East, Climate Change Initiative (EMME-CCI).

Our aim is to bring together scientists, policymakers, and stakeholders to address the region's unique climate challenges through evidence-based policies, while at the same time foster regional cooperation amidst critical political challenges.



## **Professor Stavros Malas**

President of The Cyprus Institute

## PLENARY SESSION: PRECONFERENCE WORKSHOPS, REPORTS AND PANEL DISCUSSION

Wednesday, 25 September 2024

17:30 - 17:45 **Introductions and Welcoming Address**

17:45 – 18:45 **Adapting to Climate Risks Challenges**

Convener: **Natasa Pilides**

Presenters / panelists:

The Role of Energy Storage for Decarbonizing the Eastern Mediterranean and Middle East  
**Nestor Fylaktos**

Climate Health in the Urban Environment  
**Jos Lelieveld**

Urban Overheating in the MENA Region: Prospects and Challenges  
**Panos Hadjinicolaou**

Impacts of Climate Change on Cultural Heritage  
**Nikolas Bakirtzis & Anthi Kaldeli**

19:00 – 19:45 **Transnational Cooperation to Address the EMME Climate Crisis**

Convener: **Erato Kozakou-Marcoullis**

Presenters / panelists:

Climate change diplomacy to combat inequality  
**Elise Machline**

The Environmental Change-Migration-Conflict Nexus in the Mediterranean  
**Manfred Lange**

The WEFE4MED PRIMA Community of Practice:  
Integrating Water, Energy, Food, and Ecosystems for a Sustainable Mediterranean  
**Fadi Comair**

20:00 **Welcome Cocktail Event – The Waves Beach Bar Radisson Beach Hotel**



## DAY 1 | Thursday, 26 September 2024

08:00 – 08:30 **Arrivals & Registration**

08:30 – 09:30 **Opening Session:**

**Costas N. Papanicolas**, Chair of the Organizing Committee

**Stavros Malas**, President of The Cyprus Institute

**Achilles Emilianides**, President of the Cyprus Academy of Sciences, Letters, and Arts

**Maria Panayiotou**, Minister of Agriculture, Rural Development and Environment, Cyprus

**HRH Prince Hasan bin Talal** of Jordan

**H.E. Nikos Christodoulides**, President of the Republic of Cyprus

09:30 – 09:45 **Break & Poster Set-up**

09:45 – 10:45 **I. The Evolving Climate Crisis: The Scientific Basis**

Convener: **Jos Lelieveld**

Speakers/panelists: **Philip Ciais**, **Diana Francis**, **Markku Kulmala**, **Jean Sciare**

10:45 – 12:15 **II. Mitigation Strategies & Challenges**

**The Technological Challenge to Decarbonizing the Regional Economy**

Convener: **Andreas Poullikkas**

Speakers/panelists: **Bassam Dally**, **Brian Norton**, **Khaled Toukan**

**The Socioeconomic Barriers to Decarbonizing the Regional Economy**

Convener: **Theodore Zachariades**

Speakers/panelists: **Loukas Christophorou**, **Charles Ellinas**, **Manal Sehabi**

12:15 – 13:30 **Lunch**

13:30 – 16:00 **III. Impacts and Adaptation Pathways**

13:30 – 14:15 **Water-Food-Migration Nexus**

Convener: **Fadi Comair**

Speakers/panelists: **Hassan Janabi**, **Jacob Waslander**, **Nasser Yassin**

14:15 – 15:15 **Extreme Events (Heatwaves, Droughts, Floods etc., and Health)**

Convener: **George Zittis**

Speakers/panelists: **Mansour Almazroui**, **Robin Fears**, **Panos Hadjinicolaou**, **Marlene Tomaszekiewicz**

15:15 – 16:00 **Marine & Terrestrial Environment & Biodiversity**

Convener: **Constantinos Kounnamas**

Speakers/Panelists: **Nicolas Jarraud**, **Ioannis Karakassis**, **Naïm Ouaini**

16:00 – 16:15 **Break**

16:15 – 16:45 **Keynote Address**

Speaker: **Ernest Moniz**, Professor of Physics, MIT and former Secretary of Energy, USA

17:15 – 19:00 **Wine and Cheese Reception & Poster Session (Filini Room)**

**DAY 2 | Friday, 27 September 2024****08:30 – 09:00 Keynote Address**

Speaker: **George Papanastasiou**, Minister of Energy, Commerce and Industry, Cyprus

**09:00 – 10:30 III. (Continued) Impacts and Adaptation Pathways****09:00 – 09:45 Cultural Heritage**

Conveners: **Nikolas Bakirtzis**, Anthi Kaldeli

Speakers/panelists: **Ann Bourges**, Mona Haggag, Androulla Vassiliou

**09:45 – 10:30 The Challenge of the Urban Environment**

Convener: **Costas Cartalis**

Speakers/panelists: **Isaac Meir**, Didier Roux, Roberto San José García

**10:30 – 12:15 VI. Decarbonization Pathways****10:30 – 11:15 The Decarbonization Pathway as a Transformative Opportunity for the Regional Economies - the Role of Climate Enabling Technologies**

Convener: **Fabio Montagnino**

Speakers/panelists: **Thomas Andersson**, Thanh-Tâm Le, Antonia Theodosiou

**11:15 – 12:15 Plans for Mitigation and Adaptation of Relevance to the EMME Region**

Convener: **Thanasis Hadzilacos**

Speakers/panelists: **Gidon Bromberg**, Hans Bruyninckx, Ibrahim Hoteit, Eleni Sophocleous

**12:15 – 13:15 Lunch****13:30 – 17:30 V. Removing the Barriers to Decarbonization****13:30 – 14:15 Financing Adaptation and Mitigation Measures**

Convener: **Stavros Zenios**

Speakers/panelists: **Andreas Milidonis**, Angelo Riccaboni, Stavros Thomadakis

**14:15 – 14:45 Keynote Address**

Speaker: **Kurt Vandenberghe**, Director General of DG CLIMA, European Commission

**14:45 – 15:30 Legal and Constitutional Issues**

Convener: **Achilles Emilianides**

Speakers/panelists: **Odysseas Christou**, Rafael J. Heffron, Maria Karamanof

**15:30 – 15:45 Break****15:45 – 16:45 Climate Diplomacy**

Convener: **Eleni Apeyitou**

Speakers/panelists: **Gideon Behar**, Nikolaos Isaris, Theodoulos Mesimeris, Charalampos Theopemptou

**16:45 – 17:30 Political, Societal and Cultural Barriers and Opportunities**

Convener: **Kyriakos Demetriou**

Speakers/panelists: **Thodoris Georgakopoulos**, Tareq Abu Hamed, Anna Kyprianou

**19:30 – 20:30 Cultural Event at Larnaca Castle****21:00 – 22:30 Dinner at Miltzis Restaurant (Cypriot Cuisine)**

## DAY 3 | Saturday, 28 September 2024

### 09:00 – 10:30 **VI. Paving the Way Forward**

#### 09:00 – 09:45 **Education and Outreach**

Convener: **Andreas Demetriou**

Speakers/panelists: **Costas Constantinou, Hany Helal, Annette Scheerso**

#### 09:45 – 10:30 **The Intangibles of Climate Change: Philosophy, Ethics and Values**

Convener: **Stavros Photiou**

Speakers/panelists: **Charafat Afailal, Charidemos Tsoukas, Didier Roux**

### 10:30 – 11:00 **Break**

#### 11:00 – 12:15 **Concluding Panel: From Here to the Future**

Convener: **Costas N. Papanicolas**

Panelists: **Achilles Emilianides, Hany Helal, Stavros Malas, Khaled Toukan, Tamar Zandberg**

#### 12:15 – 13:00 **Closing Addresses**

**Jeffrey Sachs**, Professor at Columbia University and Director  
of the UN Sustainable Development Solutions Network (SDSN)

**Marilena Raouna**, Deputy Minister for European Affairs, Cyprus

### **Conference Closes at 13:00**

# SPEAKERS & CONVENERS



**H.E. Dr Nikos Christodoulides**  
President of the Republic of Cyprus



**HRH Prince Hassan bin Talal of Jordan**



**H.E. Dr Nasser Yassin**  
Minister of Environment, Lebanon; formerly Professor of Policy and Planning at the American University of Beirut, Lebanon



**H.E. Dr Maria Panayiotou**  
Minister of Agriculture, Rural Development and Environment, Cyprus



**H.E. Mr George Papanastasiou**  
Minister of Energy, Commerce and Industry, Cyprus



**H.E. Marilena Raouna**  
Deputy Minister for European Affairs, Cyprus



**H.E. Ms Charafat Afailal**  
International Expert on Water Resources, Former Minister in charge of water, Morocco



**Prof. Mansour Almazroui**  
Center of Excellence for Climate Change Research (CECCR), King Abdulaziz University, Saudi Arabia



**Prof. Thomas Andersson**  
President of the International Organisation for Knowledge Economy and Enterprise Development (IKED), Sweden; Director, Organisation for Quality and Innovation Strategies (Qualies), Oman



**Ms Eleni Apeyitou**

Head, Economic, Climate, and Cultural Diplomacy Dept., Ministry of Foreign Affairs, Republic of Cyprus



**Prof. Nikolas Bakirtzis**

Director of Andreas Pittas Art Characterization (APAC) Laboratories & Associate Professor, The Cyprus Institute



**H.E. Gideon Behar**

Ambassador, Special Envoy for Climate Change and Sustainability, Ministry of Foreign Affairs, Israel



**Gidon Bromberg**

Israeli Director, EcoPeace



**Dr Ann Bourges**

Conservation Scientist in the Center of Research and Restoration of Collection in France (C2RMF), General Secretary of ICOMOS France



**Prof. Hans Bruyninckx**

University of Antwerp, Belgium; Member of the UN International Resource Panel; former Executive Director of the European Environment Agency



**Prof. Constantinos Cartalis**

European Scientific Advisory Board on Climate Change; Professor of Environmental and Climate Physics at National and Kapodistrian University of Athens, Greece



**Prof. Loukas G. Christophorou**

Academy of Athens & Cyprus Academy of Sciences, Letters and Arts



**Dr Odysseas Christou**

Associate Professor, Department of Law, University of Nicosia, Cyprus

# SPEAKERS & CONVENERS



**Dr Philippe Ciaï**

French Academy of Sciences, Laboratoire des Sciences du Climat et de l'Environnement (LSCE), France



**Prof. Fadi Comair**

Professor, Energy, Environment & Water Research Center (EEWRC), The Cyprus Institute



**Prof. Costas P. Constantinou**

Professor of Science & Education, University of Cyprus



**Prof. Bassam Dally**

Professor, Renewable and Sustainable Energy Technology, King Abdullah University of Science and Technology (KAUST), Saudi Arabia



**Prof. Andreas Demetriou**

Cyprus Academy of Sciences, Letters and Arts & Former Minister of Education and Culture of Cyprus



**Prof. Kyriakos Demetriou**

Cyprus Academy of Sciences, Letters and Arts & Professor, University of Cyprus



**Dr Charles Ellinas**

CEO, EC Cyprus Natural Hydrocarbons Company Ltd (eCNHC)



**Prof. Achilles Emilianides**

President, Cyprus Academy of Sciences, Letters and Arts & Professor and Dean of the School of Law of the University of Nicosia, Cyprus



**Dr Robin Fears**

Advisor to the InterAcademy Partnership



**Prof. Diana Francis**

Assistant Professor of Earth Science, Khalifa University, UAE



**Dr Nestor Fylaktos**

Research Scientist, The Cyprus Institute



**Thodoris Georgakopoulos**

Journalist and Author; Founding Member & Editorial Director of diaNEOsis, Greece



**Prof. Panos Hadjinicolaou**

Associate Professor, The Cyprus Institute



**Prof. Thanasis Hadzilacos**

Adjunct Professor at The Cyprus Institute



**Prof. Mona Haggag**

Professor of Classical Archaeology, Faculty of Arts, University of Alexandria, Egypt  
President of the Archaeological Society of Alexandria



**Dr Tareq Abu Hamed**

Executive Director of the Arava Institute for Environmental Studies, Israel



**Prof. Raphael J. Heffron**

Professor for Global Energy Law & Sustainability at the Centre for Energy, Petroleum and Mineral Law and Policy at the University of Dundee, Scotland, UK



**Prof. Hany Helal**

Professor, Cairo Faculty of Engineering and former Minister of Higher Education and State Minister for Scientific Research, Egypt



# SPEAKERS & CONVENERS



**Dr Ibrahim Hoteit**

Professor in the Earth Sciences and Engineering program and the Applied Mathematics and Computational Sciences program at KAUST, Saudi Arabia



**Mr Nikolaos Isaris**

Head of Representation (chargé d'affaires), European Commission Representation in Cyprus



**Dr Hassan Janabi**

Former Minister of Water Resources of Iraq, Former Ambassador to UN Agencies in Rome, Tokyo & Ankara



**Dr Nicolas Jarraud**

Senior Specialist, Global Water Partnership, Sweden



**Dr Anthi Kaldeli**

Archaeological Officer, Dept of Antiquities, Cyprus; ICCROM Council Member



**Prof. Ioannis Karakassis**

Director of Marine Ecology Lab, Biology Department, University of Crete, Greece



**Dr Maria Karamanof**

President of the Chamber of Environment and Sustainability, Honorary Vice-President of the Council of State, Greece



**Prof. Constantinos Kounnamas**

Director, Nature Conservation Unit, Frederick University



**Mrs Anna Kyprianou**

Head of the Foreign and European Affairs Committee of the 6<sup>th</sup> House of Youth Representatives Cyprus



**Prof. Manfred A. Lange**

Director of the Future Earth MENA Regional Center & The Cyprus Institute



**Prof. Jos Lelieveld**

German National Academy of Sciences Leopoldina, Director of the Atmospheric Chemistry Department at the Max Planck Institute for Chemistry in Mainz & Professor at the University of Mainz and at The Cyprus Institute



**Prof. Stavros Malas**

President of The Cyprus Institute, Cyprus



**Prof. Markku Kulmala**

Professor of Aerosol and Environmental Physics (University of Helsinki) and Academy Professor and Academician of Science (Academy of Finland)



**Dr Elise Machline**

Director of the Center for Climate Change Policy and Research, Israel



**Dr Erato Kozakou-Marcoullis**

Former Minister of Foreign Affairs of the Republic of Cyprus



**Prof. Isaac A. Meir**

Professor of Civil and Environmental Engineering, Ben-Gurion University of the Negev (BGU), Israel



**Dr Theodoulos Mesimeris**

Director, Department of Environment, Cyprus



**Prof. Andreas Milidonis**

Professor, Department of Accounting & Finance, University of Cyprus

# SPEAKERS & CONVENERS



**Prof. Ernest Moniz**

Co-Chair and CEO of the Nuclear Threat Initiative (NTI) and President and CEO of the Energy Futures Initiative (EFI); Cecil Ida Green Professor of physics at Massachusetts Institute of Technology (MIT) and former Secretary of Energy, USA



**Mr Fabio Maria Montagnino**

Senior Research Affiliate, The Cyprus Institute, Chair of the Governing Board, EIT Climate KIC



**Prof. Brian Norton**

Former Head of Energy Research at Tyndall National Institute;  
Former President of the Dublin Institute of Technology, Ireland



**Prof. Naïm Ouaini**

Advisor to the Minister of Education and Higher Education, Advisor to the Minister of Public Health, Professor of Chemistry, the Holy Spirit University of Kaslik (USEK), Lebanon



**Prof. Costas N. Papanicolas**

Institute Professor & President Emeritus at The Cyprus Institute;  
the Cyprus Academy of Sciences, Letters and Arts



**Prof. Stavros Photiou**

Cyprus Academy of Sciences, Letters and Arts & Professor, University of Cyprus



**Natasa Pilides**

Former Minister of Energy, Commerce and Industry, Cyprus



**Dr Andreas Poullikkas**

Chairman of the Cyprus Energy Regulatory Authority (CERA)



**Prof. Angelo Riccaboni**

Professor at the University of Sienna; Chair of the Fundación PRIMA  
(Partnership for Research and Innovation in the Mediterranean Area), Italy



**Prof. Didier Roux**

French Academy of Sciences and Academy of Technology, Chair of the Board of Directors, The Cyprus Institute



**Prof. Jeffrey Sachs**

Professor at Columbia University and Director of the UN Sustainable Development Solutions Network (SDSN)



**Dr Roberto San José García**

Universidad Politécnica de Madrid, Spain



**Prof. Jean Sciare**

Director of the Climate and Atmosphere Research Center (CARE-C), The Cyprus Institute



**Dr Manal Shehabi**

Applied Development Economist, Faculty of Asian and Middle Eastern Studies, University of Oxford, UK



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Vice Rector for Sustainability, University of Bonn, Germany



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Assistant Vice President of Policy and Internal Communications, The Cyprus Institute



**Dr Thanh-Tâm Lê**

Director, Impact and Performance, transformation at national and subnational levels at Climate-KIC, Netherlands



**Mrs Antonia Theodosiou**

Commissioner for the Environment of Cyprus

# SPEAKERS & CONVENERS



**H.E. Dr Charalampos Theopemptou**

Member of the House of Representatives of Cyprus;  
Chairperson of the House Standing Committee on the Environment



**Prof. Stavros Thomadakis**

Prof. Stavros Thomadakis, Former Chairman of the Hellenic Capital Market Commission;  
Professor Emeritus of Finance, University of Athens, Greece



**Dr Marlene Tomaszekiewicz**

Sustainable Development Officer, ESCWA - Economic and Social Commission for Western Asia, UN



**Dr Khaled Toukan**

Chairman of Jordan Atomic Energy Commission and Director of the Synchrotron-light  
for Experimental Science and Applications in the Middle East (SESAME) Centre



**Prof. Charidemios Tsoukas**

Professor and Dean of the Faculty of Economics and Management, University of Cyprus  
Corresponding Member of Cyprus Academy, Letters and Arts



**Mr Kurt Vandenberghe**

Director General of DG CLIMA, European Commission



**Mrs Androulla Vassiliou**

Former European Commissioner for Education, Culture, Multilingualism and Youth



**Mr Jacob Waslander**

Envoy to the Middle East and North Africa for Water, Energy and Food,  
Dutch Ministry of Foreign Affairs, Netherlands



**Prof. Theodoros Zachariadis**

Professor and Interim Director of the Energy, Environment & Water Research Center (EEWRC), The Cyprus Institute



**Dr Tamar Zandberg**

Director National Institute for Climate Policy Research at Ben-Gurion University of the Negev & Former Minister of Environmental Protection, Israel



**Prof. Stavros Zenios**

Cyprus Academy of Sciences, Letters and Arts & Professor of Finance and Management Science, Durham University and University of Cyprus, and Non-Resident Fellow at Bruegel



**Dr George Zittis**

Associate Research Scientist, Climate and Atmosphere Research Center (CARE-C), The Cyprus Institute

## International Advisory Committee

**Prof. Costas N. Papanicolas**

The Cyprus Institute; the Cyprus Academy of Sciences, Letters and Arts, (Chair)

**Prof. Badran Alomar**

President of the Kind Saud University, Saudi Arabia

**Ms Eleni Apeyitou**

Head, Economic, Climate, and Cultural Diplomacy Dept., Ministry of Foreign Affairs, Republic of Cyprus

**Prof. Zvi Ben-Avraham**

Tel-Aviv University & MERCI; Israeli Academy of Sciences and Humanities, Israel

**Prof. Dominique Barjot**

Université Paris-Sorbonne; Académie des Sciences d'Outre Mer, France

**Prof. Costas Cartalis**

National and Kapodistrian University of Athens, Greece  
European Scientific Advisory Board on Climate Change

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Academy of Athens, Greece

**Prof. Philippe Ciais**

Académie des Sciences, France

**Prof. Andreas Demetriou**

Cyprus Academy of Sciences, Letters and Arts, Former Minister of Education, Cyprus

**Prof. Achilleas Emilianides**

University of Nicosia; Cyprus Academy of Sciences, Letters and Arts, Cyprus

**Dr Hassan Janabi**

Former Minister of Water Resources, Iraq

**Dr Michel Jarraud**

Secretary General Emeritus of World Meteorological Organization, Switzerland

**Prof. Andy Haines**

London School of Hygiene and Tropical Medicine, Academy of Medical Sciences, UK

**Prof. Joanna Haigh**

CBE, FRS Imperial College, UK

**Prof. Gerald Haug**

MPI, Leopoldina Academy, Germany

**Prof. Hany Helal**

Former Minister of Higher Education and Scientific Research  
Chair of E-JUST Board of Trustees, Arab Republic of Egypt



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Frederick University, Former Minister of Agriculture, Rural Development and Environment, Cyprus

**Ms Haifa Al Kaylani**

President Arab International Women's Forum

**Prof. Jos Lelieveld**

Max Planck Institute, Leopoldina Academy, Germany

**Prof. Stavros Malas**

President of The Cyprus Institute, Cyprus

**Dr Theodoulos Mesimeris**

Senior Environment Officer and Head of Climate Action Unit

Department of Environment, Ministry of Agriculture, Natural Resources and Environment of Cyprus

**Prof. Ernest Moniz**

Massachusetts Institute of Technology; Former Secretary of Energy,  
American Academy of Arts and Sciences, USA

**Dr Janez Potočnik**

Former EU Commissioner for Enlargement of Science & Research and for the Environment, Slovenia

**H.E. Mr. Olivier Poivre d'Arvor**

Presidential Envoy for the Poles and the Oceans, France

**Prof. Didier Roux**

Académie des Sciences, France

**Prof. Angelo Riccaboni**

Chair of the PRIMA Foundation, Barcelona, Spain

**Prof. Jeffrey Sachs**

Columbia University, President of the UN Sustainable Development Solutions Network (SDSN), USA

**Prof. Wim Van Saarloos**

EASAC Chair, Royal Netherlands Academy of Arts and Sciences, Netherlands

**Prof. Khaled Toukan**

American Academy of Arts and Sciences, USA, Director of SESAME, Jordan

**Prof. Christos Zerefos**

Academy of Athens, Greece

**Tamar Zandberg**

Ben Gurion University, Former Minister of Environment, Israel

**Prof. Stavros Zenios**

Univ. of Cyprus, Cyprus Academy of Sciences, Letters and Arts

## Local Organizing Committee

**Prof. Costas N. Papanicolas**

Cyprus Academy of Sciences, Letters and Arts & Professor The Cyprus Institute  
(Chair of the International Advisory Committee)

**Mrs Maria Papapolyviou**

Cyprus Academy of Sciences, Letters and Arts  
(Co-Chair of the Organizing Committee)

**Mrs Eleni Sophocleous**

Assistant Vice President of Policy and Internal Communications, The Cyprus Institute  
(Co-Chair of the Organizing Committee)

**Mrs Stalo Gavrielidou**

CREF Coordinator, The Cyprus Institute

**Mrs Charis Hephaestou**

Head of Events, The Cyprus Institute

**Dr Marco Neira**

Associate Research Scientist, The Cyprus Institute

**Ms Melina Nicolaides**

Director of ACTIVATE Nonprofit Arts Organization

**Mrs Avgi Stavrou**

Administrative Assistant, The Cyprus Institute

**Dr Pavlos Tsiartas**

Head of Communications, The Cyprus Institute

**Ms Veronica Charalambous**

Communications Officer, The Cyprus Institute



## CYPRUS ACADEMY OF SCIENCE, LETTERS AND ARTS

The Cyprus Academy of Sciences, Letters, and Arts (CASLA) was founded by law as the supreme institution of Cyprus in sciences, letters, and arts, and began its operation in 2019. It aims to recognize, support and promote excellence in sciences, arts and culture, and to contribute to the proper assessment and search for solutions of problems facing our complex modern world for the well-being of the people. It is an independent and autonomous institution consisting of three Sections: Natural Sciences, Letters, and Arts (Humanities), and Ethical Sciences, Economic and Political Sciences (Social Sciences).

The Academy aims to enhance research and innovation in Cyprus and facilitate cooperation between universities, research institutions and industry in Cyprus, Europe and internationally, and provide society and the State scientifically sound analyses and solutions to problems. The Academy aspires to be a leading agent for strengthening the international standing of Cyprus through all domains of activity in science, letters, and the arts.



## THE CYPRUS INSTITUTE

The Cyprus Institute (Cyl) is a world-class, non-profit research and educational institution with a strong scientific and technological orientation. It is a regional Center of Excellence, addressing issues of regional interest but of global significance, with an emphasis on cross-disciplinary research and international collaborations.

Recognizing the unique geopolitical location of Cyprus as the southern and eastern-most state of the European Union, Cyl is being developed as a gateway between the European Union and the Eastern Mediterranean - Middle East (EMME), and as an important research resource to help transform Cyprus into a knowledge-based economy and to advance the welfare of the island and the region.

Cyl started its operations in December 2007 and was developed to be international in its membership, independent in its support, but public in its commitment and service and devoted to the well-being of the local, regional and the international community.

The Cyprus Institute is also an accredited, degree-granting institution of higher education that offers unique, high-quality Master's and PhD programs to select students from around the world and provides training to future researchers and scholars.

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