

Regional Workshop for Science Diplomacy in the Arab Region
24-26 October 2023
Hybrid Workshop*

Day 1: Tuesday, 24 October 2023	
9:30 –11:00 am	Registration
11:00 am –12:00 noon	<p>Opening Session:</p> <p><u>Moderator:</u> Dr. Marwa Elwakil, Head, Academic Research Sector, Bibliotheca Alexandrina</p> <ul style="list-style-type: none"> • Prof. Ahmed Zayed, Director, Bibliotheca Alexandrina; and TWAS-AREP Coordinator Representative (Egypt) • Prof. Sabah Almomin, Senior Research Scientist at the Kuwait Institute for Scientific Research (KISR), and TWAS Vice-President for the Arab Region (Kuwait) (online) • Prof. Mahmoud Sakr, President, Academy of Scientific Research and Technology (Egypt)
12:00 noon –1:00 pm	<p>Keynote Speeches</p> <p><i>Science academies, regional/intergovernmental institutions and their supporting organizations are key players in bringing together academia, policy makers, and different stakeholders. The keynote speeches shall tackle the role and efforts of the science academies, regional/intergovernmental institutions and their supporting organizations in fostering science diplomacy.</i></p> <p><u>Moderator:</u> H.E. Prof. Yousry El Gamal, Former Minister of Education and Professor of Computer Engineering (Egypt)</p> <ul style="list-style-type: none"> • Prof. Hesham ElAskary, Professor of Remote Sensing and Earth System Science, Schmid College of Science and Technology (USA) Presentation Title: On the Changing behaviour of the Mediterranean Sea and expected coastal impacts • Prof. Rafia Ghubash, President Arab Network for Women in Science and Technology, Founder of Women's Museum (UAE) Presentation Title: Where is the fine line between diplomacy and Politics? • Prof. Najoua Turki Kamoun, Professor, Physics Department, Faculty of Science, The University of Tunis El Manar; and TWAS Council Member for the Arab Region (Tunisia) (online) Presentation Title: How young researchers may pursue a career and improve skills in Science and Technology
1:00 pm –1:30 pm	Group photo + Break

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Day 1: Tuesday 24 October 2023 (Cont.)	
1:30–1:45 pm	<p>Pre- Assessment</p> <ul style="list-style-type: none"> • Ms. Yousra Sobeih, Acting Director, Center for Special Studies and Programs, Academic Research Sector, Bibliotheca Alexandrina
1:45–3:15 pm	<p>Session 1: Sustainable Development: A Global Principle and Common Goal</p> <p><i>Sustainable development as a multidisciplinary concept, is a key principle in facing today's challenges that are associated with economic growth, social inclusion, education, environmental protection and furthermore. Thus, implementing sustainable development practices at different sectors is fundamental to have decent present and to create a better future. This session will tackle the role of science diplomacy in promoting sustainable development practices. It will address how the Arab countries can adopt sustainable development principles to face wide range of challenges, among which, social and community awareness, energy supplies and food systems, and others.</i></p> <ul style="list-style-type: none"> • Prof. Hussein Abaza, International Advisor on Sustainable Development and Green Economy, Former Director at the United Nations Environment Programme (UNEP) (Egypt) Presentation Title: Challenges and opportunities facing sustainable development in the Arab Region • H.E. Ambassador Nada El-Agizy, Director of Sustainable Development and International Cooperation Department, League of Arab States (Egypt) (online) Presentation Title: Global Trends: Challenges and Opportunities in the Implementation of the SDGs • Prof. Jauad El Kharraz, Executive Director at the Regional Center for Renewable Energy and Energy Efficiency (RCREEE) (Egypt) Presentation Title: Science Diplomacy as a tool to ensure water, energy and food security
3:15 –4:15 pm	Lunch for Attendees

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Day 1: Tuesday 24 October 2023 (Cont.)	
4:15 –5:15 pm	<p>Session 2: Water Diplomacy and Resources Management</p> <p><i>The Arab region is considered one of the most water scarce regions in the world. Water diplomacy approach can assist in addressing water-related challenges and can highlight means for resources management. This session will focus on the role of the regional and intergovernmental institutions in science diplomacy. The session will also reflect on success stories and efforts in this regard.</i></p> <ul style="list-style-type: none"> • H.E. Prof. Hussein ElAtfy, Former Minister of Water Resources and Irrigation and Secretary General, Arab Water Council (Egypt) (online) Presentation Title: Water Diplomacy: From Conflict to Cooperation and Peace in the Arab Region. • Prof. Abdin Mohamed Ali Salih, Director, Arab Water Academy, The Arab Water Council (Egypt) Presentation Title: Science Diplomacy with Focus on Water Diplomacy: Case of the Nile Basin.
5:15 –5:45 pm	Briefing and Open Discussion

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Day 2: Wednesday, 25 October 2023	
9:30–11:30 am	<p>Session 3: The Importance of Science Diplomacy and Scientific Excellence in the Arab Region: Means for Sustainable Development</p> <p><i>Science diplomacy has an important role to play in addressing cross-border challenges which no one country can face alone, such as public health, environmental, energy, water, and food security, and other challenges. The session aims to shed light on how science diplomacy can contribute to the region development at different levels and sectors.</i></p> <ul style="list-style-type: none"> • Dr. Nuria Sanz, Director, UNESCO Regional Bureau for Science in the Arab States, Cluster Office for Egypt and Sudan and UNESCO Representative in Egypt (Egypt) Presentation Title: Multilateral Diplomacy and 2030 Sciences' Ambitions • Dr. Peter McGrath, Co-ordinator, InterAcademy Partnership and the TWAS Science Policy/Science Diplomacy programme (Italy) (online) Presentation Title: One plus One Equals Seventeen • Dr. Tarek Sadek, Climate Change and Natural Resource Sustainability Cluster, Economic and Social Commission for Western Asia (ESCWA) (Lebanon) (online) Presentation Title: Building Climate Change Science-Policy Interface in the Arab Region • Ms. Haifa Fahoum Al Kaylani, Founder and Chairman Arab International Women's Forum (UK) (online) Presentation Title: Innovation for Sustainable Development in the Arab Region Addressing Food and Water Security Challenges
11:30 am–12:00 noon	<p>Session 4: Women in Science Diplomacy</p> <p><i>Women are key contributors to science and diplomacy. This session will shed light on how to expand and foster the role of women in science diplomacy in the Arab region, and how to have a heard voice in the global policies.</i></p> <ul style="list-style-type: none"> • Prof. Rana Dajani, Professor of Molecular Cell Biology and Biotechnology Department, Hashemite University, Zarqa Jordan; President of the Society for the Advancement of Science and Technology in the Arab World (Jordan) (online) Presentation Title: My Journey in Science Diplomacy
12:00 noon–12:30 pm	Break

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Day 2: Wednesday, 25 October 2023 (Cont.)	
13:30 –3:00 pm	<p>Session 5: Science Diplomacy during Crisis Times</p> <p><i>This session will focus on how science diplomacy can help in combating major health problems and how can the Arab countries better respond to any future crisis.</i></p> <ul style="list-style-type: none"> • Prof. Ramy Aziz, Head of Microbiology and Immunology Research Program, Children's Cancer Hospital Egypt 57357 (Egypt) Presentation Title: Scientific Responsibility and Science Diplomacy during the COVID crisis! • Assoc. Prof. Alya A. Arabi, Associate Professor, Department of Biochemistry, College of Medicine and Health Sciences (UAE) (online) Presentation Title: Science Diplomacy and Artificial Intelligence in Addressing Health Crises • Prof. Ebtehal El Demerdash, Professor, Faculty of Pharmacy, Ain Shams University (Egypt) Presentation Title: COVID-19 and Science Diplomacy: Lessons for the Future Global Pandemic Challenges • Prof. Huda Basaleem, Professor, Faculty of Medicine and Health Sciences, University of Aden (Yemen) Presentation Title: Science Diplomacy as a Mean to Mitigate Health Crisis: Why and How?
3:00 –4:00 pm	<p>Session 6: Science Diplomacy: Young Arab Scientists Perspective</p> <p><i>The Arab region cannot achieve sustainable development goals without the inclusion of the young Arab scientists. Their contributions, work and their research efforts are fundamental for the science diplomacy efforts in the region. This session will present the challenges faced by young scientists in joining science diplomacy efforts.</i></p> <ul style="list-style-type: none"> • Prof. Roula Abdelmassih, Co-Chair, TYAN Executive Committee (Lebanon) (online) Presentation Title: TYAN: A World connected by Scientific Cooperation • Prof. Ramia Al Bakain, Professor, Analytical, Bioanalytical and Environmental Chemistry, Department of Chemistry, School of Science, The University of Jordan (Jordan) (online) Presentation Title: New era in facing Water Scarcity for Agriculture-Food Systems
4:00–5:00 pm	Lunch for Attendees
5:00 –6:00 pm	<p>Simulation Interactive Case: Orientation</p> <ul style="list-style-type: none"> • Prof. Mohamed Helal, Professor, Drug Design and Development, Champion of the Biomedical Sciences Program for Accreditation Zewail City of Science and Technology
6:00 –6:30 pm	Briefing and Open Discussion

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Day 3: Thursday, 26 October 2023	
10:00 –11:30 am	<p>Session 7: Science Diplomacy Across the Regions</p> <p><i>The session will give an outlook on science diplomacy at different developing region, and efforts in this regard.</i></p> <ul style="list-style-type: none"> • Prof. Suba Chandran, Professor and Dean, School of Conflict and Security Studies; Head, NIAS Programme on Science, Technology and International Relations (STIR) and NIAS Programme on Conflict Resolution and Peace Research (CRPR), National Institute of Advanced Studies (NIAS) Indian Institute of Science (India) (online) • H.E. Dr. Pedro Ivo Ferraz da Silva, Head, Science, Technology and Technical Cooperation, Embassy of Brazil in Berlin (Germany) (online) Presentation title: Science and Innovation Diplomacy to and from the Global South • Prof. Amâncio Jorge Silva Nunes de Oliveira, Professor and Vice-Director of the Institute of International Relations, University of São Paulo (Brazil) (online)
11:30 am –12:00 noon	<p>Session 8: Science Diplomacy and Communication in the Arab Region</p> <p><i>The session will present the role of science communication in promoting science diplomacy efforts.</i></p> <ul style="list-style-type: none"> • Mr. Ehsan Masood, Bureau Chief, Editorials, Africa and the Middle East, Nature (UK) (online)
12:00 noon–12:30 pm	Break
12:30 –2:30 pm	<p>Simulation Interactive Case: Execution</p> <ul style="list-style-type: none"> • Prof. Mohamed Helal, Professor of Drug Design and Development, Champion of the Biomedical Sciences Program for Accreditation Zewail City of Science and Technology • Ms. Yousra Sobeih, Acting Director, Center for Special Studies and Programs, Academic Research Sector, Bibliotheca Alexandrina
2:30 –3:30 pm	Lunch for Attendees
3:30 –5:00 pm	Simulation Interactive Case: Presentations Workshop participants
5:00 –5:30 pm	Briefing and Open Discussion
5:00 –6:00 pm	<p>Closing</p> <ul style="list-style-type: none"> • Post-Assessment: Ms. Yousra Sobeih, Acting Director, Center for Special Studies and Programs, Academic Research Sector, Bibliotheca Alexandrina • TWAS-AREP Orientation: Ms. Israa Elfayoumi, Head, Researchers' Support and Development Unit, Scientific Activities Section, Center for Special Studies and Program, Academic Research Sector

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