



Embassy of the
Federal Republic of Germany



The Embassy of the Federal Republic of Germany in Cairo and
the Ministry of Environment of the Arab Republic of Egypt
have the pleasure to invite you to the 81st Cairo Climate Talks (CCT)



Adapting to Climate Change: Sustainable Agriculture in Egypt

IFTAR & PANEL DISCUSSION - 20TH OF APRIL 2022 AT 6:00 PM
DAAD CAIRO OFFICE, 11 SALEH AYOUB, ZAMALEK

Opened by

Isabell Mering, Director of the DAAD Regional Office Cairo
Philippe Maupai, Head of Science Department at the Embassy of the Federal
Republic of Germany

TBA, Representative at the Ministry of Environment of the Arab Republic of Egypt
Jennifer Morgan, State Secretary and Special Envoy for International Climate Action
at the Federal Foreign Office of Germany

Panelists

Helmy Abouleish
CEO
Sekem Egypt

Dr. Shaimaa Hatab
Associate Professor
Heliopolis University

Myriam Fernando
Head of Project Agriculture Innovation
GIZ Egypt

Hussein Abou Bakr
Founder and CEO
Mozare3

Moderated by Uwe Gehlen
Head of Cooperation
German Embassy in Cairo



Deutscher Akademischer Austauschdienst
الهيئة الألمانية للتبادل العلمي



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Agriculture is essential to economic growth. It accounts for around [4%](#) of the global gross domestic product (GDP). As a major economic sector in Egypt, the agricultural sector accounts for [28%](#) of all employment and contributes around [11%](#) of GDP. By 2024, Egypt aims to increase agricultural production by [30%](#). However, agricultural growth and food security are at risk. The global food system has encountered numerous shocks – from COVID-19 to extreme weather events and conflicts – which have increased food prices and are likely to keep them high for the foreseeable future.

Climate change decreases agricultural production and exposes millions of people to acute food insecurity. At the same time, unsustainable farming approaches lead to ecosystem vulnerability and competition for land and water resources. In Egypt, climate change is predicted to reduce the productivity of two major crops, wheat and maize, by [15% and 19%](#), respectively, by 2050. About [15%](#) of the most fertile areas in the Nile Delta are negatively affected.

Ramadan special event on the occasion of the visit of Germany's State Secretary and Special Envoy for International Climate Action Jennifer Morgan to Egypt with a joint dinner (Iftar) and panel discussion.

These stressors are mainly attributed to frequent temperature increases, irrigation water deficits, sea-level rise, and saltwater intrusion.

The 81st Cairo Climate Talks will bring together public and private sector experts and researchers to discuss how the agricultural sector could become resilient and adapt to the implications of climate change. Experts will demonstrate the latest deployed climate technologies and innovations that could enhance land and water resources productivity.

Organic farming can be one of the solutions. It does not only help reduce greenhouse gas emissions to mitigate climate change, but also can help meet the international standards and consequently increase exports of Agri-products. Changing sowing dates and good management practices are among the adaptation measures. Changing cultivars and crop patterns are the most promising adaptation actions at the national level. Would that be enough for agriculture growth and food security in Egypt? What are other climate adaptation measures required?

Co-hosted with the DAAD Regional Office Cairo's [COSIMENA](#) project



BACKGROUND INFORMATION:

Cairo Climate Talks are conceived, organized and hosted as a cooperation between the German Embassy in Cairo, the Egyptian Ministry of Environment, the German Academic Exchange Service (DAAD) and the German Corporation for International Cooperation (GIZ).



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