

The Embassy of the Federal Republic of Germany in Cairo

has the pleasure to invite you to the 44th Cairo Climate Talks (CCT) Panel Discussion
that will take place in Minya city for the first time

November 22nd, 2016 at 3:30 pm | Minya University



The Nexus between Water, Energy and Food Security in Minya

The Minya governorate is a densely populated and important agricultural area, where the most common crops grown are sugarcane, cotton, beans, soybeans, garlic, onions, tomatoes, potatoes, watermelon and grapes. A lot of the local industry focuses on food processing, particularly in sugar refining, onions drying and grinding as well as cotton weaving and spinning.

Minya, just like the rest of Egypt's agricultural regions, is struggling with rising temperatures due to ongoing climate change. These developments are having a detrimental impact on yields, with an increased shortage of already scarce water resources and higher soil salinity eventually leading to lesser harvests. To maintain the yields, more and more energy would be needed. But here again resources are scarce and expensive. The question is: How can farmers use their water and energy supplies more efficiently to

ensure better agricultural productivity in times of global warming? While the correlation between water, energy and food security may seem apparent in some cases – for example in the sense that agriculture is the main user of water and energy – in other cases it isn't as clear. Advances in one sector may lead to the degradation of another. Multi-disciplinary solutions are increasingly considered the best strategy to deal with the complex and interrelated challenges of water, energy and food security.

For the first time, the Cairo Climate Talks will hold an experts' panel discussion in the city of Minya to explore and debate the nexus between water, energy and food security for the governorate. Understanding the linkages and dynamics between the three can help diagnose which combination would work best for farmers in a specific location.

The discussion will be opened by

H.E. Julius Georg Luy
Ambassador of the Federal Republic of Germany in Cairo

Panelists:

Dr. Mohamed Ali Fahim
Deputy Director, Central Laboratory
of Agriculture & Climate.

Mohamed Ashraf Hilal
Urban Practitioner,
Technische Universität Berlin.

Dr. Hammou Laamrani
Senior Program Officer, International
Development Research Centre

Moderator: Lilly von Stackelberg, Program Coordinator, DAAD (German Academic Exchange Service)