

Review of: "Raising Adaptive Capacity to Climate Change in Energy and Food Sectors of Egypt"

Marlene A. Tomaszekiewicz¹

¹ United Nations Organization

Potential competing interests: No potential competing interests to declare.

Thank you for an informative paper.

Why was IPCC AR4 referenced with the use of CMIP4 models? This has been superseded by more recent information. CMIP5 data is widely available and downscaled from CORDEX, including over the MENA/Arab Domain (see www.riccar.org). Data also includes regional hydrological modelling to include evapotranspiration projections across the Arab region. CMIP6 data has been downscaled in selected regions, including the Mashreq Domain, which includes NE Africa (also available from www.riccar.org).

For climatic impacts on crop yield in Egypt, please see: <https://www.unescwa.org/sites/default/files/inline-files/national-assessment-report-egypt-summary-english.pdf>, which used downscaled climate data and AquaCrop for the study.

How was the inundation zone due to sea level rise determined? More recent assessments have been conducted by Climate Central using ground-truthed DEM datasets globally. The result is more accurate than previous methods. Please see: <https://coastal.climatecentral.org/>