A 3 days training course was held at ACSAD headquarter for 18 engineers (8 from Syrian ministry of agriculture and 10 from ministry of water resources). The main purpose of the training course was to give the ability for users to utilize climate data developed within the framework of the Regional Initiative for the Assessment of Climate Change Impacts on Water Resources and Socio-Economic Vulnerability in the Arab Region (RICCAR). The training course focused on using Geographic Information Systems (GIS) tools for analyzing climate change data.

The training course started with an opening speech of the Syrian Minister of water resources and the director general of ACSAD. After that a general review of RICCAR were presented by Dr. Ihab Jnad in presence of the minister and ACSAD’ DG.

During the training NetCDF and multi dimension tools were introduced. The trainee introduced on how to extract daily climate data for a given location for a specific year.
the trainees also practiced using the tool “NetCDF_time_slice_export" to extract multiple time slices from the raster layer file, then using spatial analyst tool (Cell Statistics tool) to develop ensembles.

The training included also developing and using two different model builders in GIS: 1) The first one, to extract times series daily climate data from NETCDF files for a given location, 2) the second one, to extract rasters for subarea of interest.

The participants were trained also on applying Rclimdex script to extract extreme event from daily climate data.

During the last day of training, the participant went through Accessing ESGF and RICCAR Knowledge Hub.

The training team:

1. Ihab Jnad
2. Hiam Al-Ashkar
3. Ghazwan Naser
4. Mazen Naaman
5. Youssef Marai
6. Bashar Orabi
برعاية نائبة وزير الموارد المائية في الجمهورية العربية السورية الدكتور المهندس ضام رعد يقيم المركز العربي لدراسات المناطق المفتوحة والأراضي القاحلة في جهة تحريّب حول تحليل التغيرات المناخية والبيئية أثرها على قطاع الزراعة والقوة الأثرية بريف حمص 26-27 مارس 2021.