

Dear Sir / Madam,

I am writing to apply for **2020 ESiWACE Summer School**. I am currently lecturer of meteorology at the Faculty of African Postgraduate Studies, Cairo University, Department of Natural Resources. I hold BSc degree in Meteorology and Physics (2001-2005), Diploma in Natural Resources (2006), MSc in Meteorology (2008-2010), and PhD in Atmospheric Sciences (2011 – 2015).

I would honor the opportunity if you accept me in **Summer School on Effective HPC for Climate and Weather**, to acquire knowledge and specific know-how from good practice abroad, also to develop my own competences in my field and increase the relevance of my teaching, To gain practical skills relevant for my current job and professional development, To build up new contacts and expand my professional network.

I would like to emphasize that I am eager to benefit from this program, exchanging experiences and practices. I advocate the opinion that, this advanced summer school is excellent opportunity to meet various scientific groups and staff would broaden my horizons and enable me to build strong social and scientific network.

A tentative idea of a project that can be conducted is "the post-processing and visualization of CORDEX data" over Egypt and Africa, another idea is "Simulation of high resolution regional climate model over specific domain".

Keywords: Post-Processing, Visualization, CORDEX, Africa, high-resolution

I would be very grateful if you consider my application and give me a chance to participate in the HPC program, which would mark my future professional and personal development. Thank you very much in advanced for your consideration.

Yours faithfully,

Gamil Gamal