

CURRICULUM VITAE

Ammar Mokhtar Gomaha Gaber

Strengthens:

- Ability and aptitude for rapid learning and adjustment.
- Problem solving ability and determining.
- Stable character and personality.
- Can work alone but enjoy team work.
- Would like to contribute something useful.

Marketable Aptitudes:

- Experience in weather Forecast and climate prediction.
- Experience Agrometeorology and climatology.
- Business Administrator.
- Data processing, analysis, interpretation and reporting.
- Top all-round PC skills – Office, Internet; Statistical Packaged skills (*e.g. Instat, and GenSTAT*).
- ArcGIS, QGIS, SPIRITS Surfer and.
- Modeling Packages: APSIM and AGROMETSHELL (AMS-FAO).
- Climate Prediction models: Weather Research and Forecast (WRF) model.
- Air Quality Models: CMAQ model.
- Programing Languages: R and Python.
- Own PC and communications ability.
- Team working.

Contact Information

- Cell Phone(s): **+249964885919 & +249129995222**
- Email address: ammar@ersad.gov.sd (Business) & rammamet@gmail.com (Personal).
- Sudan Meteorological Authority- Head Quarter, Khartoum, Sudan.

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Ammar Mokhtar Gomaha Gaber

- Fax/Phone (00249- 183) 77 16 93. P.O.Box: 574

Personal Data:

First Name: Ammar | **Family Name:** Gaber | **Other Names:** Mokhtar Gomah |

Date of Birth: 21 November 1977 | **Passport Number:** P03439739

Gender: Male | Single | **Nationality:** Sudanese |

Home language: Arabic | **Other languages:** English (*IELTS Certificate*), French (Basic) & Thai (Intermediate) |

Criminal offenses: None | **Health:** Excellent, non-smoker |

Residence: Khartoum state – Elazhary city – Block No (10) – House No (67).

Education:

- Master of Science in Environmental Science – Chiang Mai University (Chiang Mai, Thailand) – 2014-2016.
- Master in Business Administration (MBA) - Sudan Academy of Science (Khartoum, Sudan) -2007-2009.
- Post graduate Diploma in Meteorology- University of Khartoum (Khartoum, Sudan) - 2005-2006.
- B.Sc. (Physics - Honor) Sudan University of Science and Technology (Khartoum, Sudan)- 1998-2002.

Experiences:

1. Sudan Meteorological Authority (2003 - up to now), Forecast Section (2003-2008) – Senior Meteorologist at Agrometeorology Section (2008 up to 2014), Head of Research Division (2016 -2017) & Manager of International Relationships (May 2017 up to now).
2. Sudanese Meteorological Society (SUMS) - 2005 up to now- General Secretary.
3. Sudanese Climate Change Network (SCCN) - (2011-2013) - Activities Coordinator.

Training & Workshops:

- 1- Statistical Application in Climatology – E-learning (e-SIAC) Course - (April- August 2008) - University of Reading.

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- 2- Statistical Information in Applied Climatology- Face to Face (F-SIAC)- (September – October 2008) - Institute of Meteorological Training and Research/ WMO Regional Training Center (IMTR/RTC) – Nairobi, Kenya.
- 3- Geographical Positioning System & Geographical Information System (GPS & GIS) with application in Agrometeorology Course - (September 2009)- Khartoum, Sudan.
- 4- Global Information & Early warning System/Workstation course (GIEWS/WS) - (December 2009) Khartoum, Sudan.
- 5- International Course in Agro-Meteorology, (October 2009, (WMO Regional Training Center –) – Alanya, Turkey.
- 6- Strengthening Climate Resilience – Actors and Governance Mapping Workshop - (April 2010) - Khartoum, Sudan.
- 7- Training Workshop on Vulnerability and Adaptation to Climate Change – (April 2010)- Khartoum, Sudan.
- 8- Integrated food security phase classification (IPC-Sudan North) Workshops – (August 2010 & September 2011)- Khartoum, Sudan.
- 9- Software for the Processing and Interpretation of Remote Sensing Image Time Series (SPIRITS) Training Workshop – (September 2011) - Nairobi, Kenya.
- 10- Software for the Processing and Interpretation of Remote Sensing Image Time Series (SPIRITS) Training Workshop – (March 2012) – Khartoum, Sudan.
- 11- The second African Workshop on Development and Implementation of Climate Information Dissemination Strategy- (15th -17th of April 2013) – Nairobi, Kenya. In the framework of ISACIP Project Funded by the African Development Bank.
- 12- Training Workshop in Crop Monitoring with Remote Sensing – (17th -21st of June 2013), EC Joint Research Center (JRC) - Ispra – Italy.
- 13- Seminar on Climate Change Evaluation Capacity for Developing Countries- (6th -25th of September 2013), Beijing, China.
- 14- The 3rd African Workshop on Development and Implementation of Climate Information Dissemination Strategy – (5th -8th of May 2014), Lake Victoria, Zimbabwe.
- 15- The 2nd Workshop on Climate Science using Remote Sensing Data – (5th of August 2015) – Department of Statistics – Chiang Mai University, Thailand.
- 16- Pre-COF46 Capacity Building Training Workshop on Dynamical and Statistical Seasonal Forecasting – 8th – 12th of May 2017- IGAD Climate Predictions and Applications Center (ICPAC) – Nairobi, Kenya.

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17-MESA System Application (eStation-2) Training Workshop – 10th -14th of July 2017, WMO-RTC, South Africa Weather Services (SAWS), Pretoria -South Africa.

Conferences:

1. Crop and Rangelands Monitoring (CRAM) 3rd Conference – (September 2011), Nairobi – Kenya.
2. The challenges of Index-based Insurance for Food Security in Developing Countries – (2nd & 3rd of May 2012), EC Joint Research Center (JRC) - Ispra, Italy.
3. 5th International Conference of Water Resources and Arid Environments – (7th -9th of January 2013), King Saud University – Riyadh, Kingdom of Saudi Arabia.
4. 5th International Conference of Earth Science and Climate Change – 25th -27th of July 2016 – Bangkok, Thailand.

Other Qualifications:

- 1- FAO Mission Field in Blue Nile State - Rainfall and Agriculture Assessment (Season 2009), Ed Damazine, Sudan.
- 2- Reading University Mission in Northern Kordofan State- Farmer Perception of Consequences of Climate Change on Sorghum- Pilot Project – (14th -18th of December 2009), El Obied, Sudan.

Committees & Technical Working Groups:

1. Rainfall Seasonal Prediction Technical Working Group – (Since 2009 up to now), Sudan Meteorological Authority.
2. Member of Agricultural Meteorology Commission (CAgM) – WMO.
3. Integrated Food Security Phase Classification (IPC), National Technical Working Group – (from 2010 to 2014), Food Security Technical Secretariat, Ministry of Agriculture and Irrigation ((FSTS - MoAI), Sudan.
4. Monitoring the growing Season National Committee (2012 and 2013)– Food Security Technical Secretariat – Ministry of Agriculture and Irrigation (FSTS – MoAI).

Areas of Interest:

1. Climate Prediction and modeling.
2. Rainfall analysis and prediction.
3. Agrometeorology, Food Security and Climatology.
4. Environmental modeling (Air Quality Modeling).

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Publications & Presentations:

1. Working paper: Overview of Agro-Meteorological Services in Sudan- (20th -23rd of September 2011), Kenya Meteorological Society (KMS) International Conference – Mombasa, Kenya.
2. Temperature, Sowing date and varieties as crop insurance Index for Irrigated Wheat in Northern and Central Sudan (Co-author). For index-based Insurance for Food Security in Developing Countries Conference- (May 2012), EC joint Research Center (JRC) - MARS Unit, Ispra, Italy. (co-Author)
3. Monitoring Drought in Central Sudan by using Combined Drought Index. 5th International Conference in Water Resources and Arid Environments (ICWRAE5), (January 2013) – Riyadh, Kingdom of Saudi Arabia - (Author).
4. Sudan Normal Rainfall Exploration Analysis. For Kenya Meteorological Society 11th International Conference on Meteorological Research, Application and Services, (12th -14th of September 2013) - Nairobi, Kenya. (Author).
5. Prediction of PM10 Concentrations over Upper Northern Thailand using Statistical Approach. For Environmental Science Seminar, Chiang Mai University – (November 2015) - Chiang Mai, Thailand. (Author).
6. Simulation of PM10 Concentrations over Upper Northern Thailand During Dry Season using CMAQ Model. 5th International Conference on Earth Sciences and Climate CHange, 27-27 July 2016 - Bangkok, Thailand. (Author).

Consultation, Service/Product Design and Training:

1. Building Resilience and Adaptation to Climate Extremes and Disasters (BRACED) project. Implemented by CONCERN Worldwide in West Darfur State – Broadcasting the Weather Information through the Radio (2017). Consultation, service/product design and conduct training broadcasters.
2. Broadcasting the Weather Information through the Radio in Gedarif State - Sudan. Implemented by Sudan Meteorological Authority in collaboration with Ministry of Agriculture in Gedarif State (2017). Consultation, design the service and train the broadcasters.