

**HAMID ABAKAR SOULEYMANE**

**Date of birth: 05/25/1983**

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**N'Djamena, Chad**

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**chogara11@yahoo.fr**

**Family situation: married father of Six (6) children**



***Physician climatologist, Meteorologist; air navigation controller; climate negotiator on technology transfer; sales engineer, telecom engineers and expert on INGES.***

**SKILLS :**

- Knowledge of the fundamentals of climate models;
- The types of climate models and the tools for processing and analyzing climate data :((Installing Linux on Windows, Activating WSL on WINDOWS 10, Installing Ubuntu, Installing Climate Data Operators (CDO), Installing wget, Installing Notepad++ on Windows 10, Installing R and Rstudio on Windows 10 and Installing Quantum GIS (QGIS) on Windows 10));
- Sources of historical, reanalysis and climate change data (WorldClim data, CHIRPS data, Manual file upload, CHIRPS file automatic download with wget , Multiple CHIRPS file automatic download with wget; ERA5 reanalysis data (ERA5 data download online via the CDS web interface, Downloading ERA5 data through the CDS API); CORDEX data (Access to model outputs from the CORDEX experiment, Choice of climate scenarios and RCMs from the CORDEX experiment, Choice of scenarios , Time horizons and RCMs , Access to CORDEX data and Download ..
- Cartographic generation and analysis of climate scenario data, Installation of netcdf-bin, Exploration of data, Procedure for calculating the change in precipitation (DRR), calculating the change in temperature (DT), Cartography of DRR and DT with QGIS, CLIMBASE database of climate change scenarios, architecture of climbase, format of clicom data, formatting of climate change data, procedure for importing climate change data, coding of information composing the "element code" of climcom, modification of the file "ELEMENFR.DBF" using an editor, Creation of a "DAILY" folder under , copying the contents of an RCM into the C directory, Simulation of entering a variable, Creation of the DBF template file 'a variable, importing data from a variable, example of importing data from a variable, calculation of ten-day averages of data from a variable;
- Skills in describing the science of climate change and the projected and/or observed impacts of climate change;
- Coordinates and analyzes studies relating to climate change;
- Masters the sustainable management of the national greenhouse gas inventory management system with the IPCC 2006 software;
- Use of climsoft, Access, climbase, climate data Tools, climate data operators, R... Notepad++ software under Windows 10, R and Rstudio, Quantum GIS (QGIS);
- proficiency in how to combine station data with satellites and other proxies, analyze and visualize station data and gridded datasets, and calculate seasonal characteristics or climate indices using, climsoft, Access,climbase, climate data Tools, climate data operators, R... Notepad++, R and Rstudio, Quantum GIS (QGIS) and R.

## Academic training

**2023: Master 2 (BAC+5)** in Physical Sciences option Physics of the Atmosphere and Climate Change at the University of N'Djamena, Faculties of Exact and Applied Sciences ;

**2022: Master 1(BAC+4)** of Atmospherical Physics, Environment and of the Climate, at the University of N'Djamena, Faculties of Exact and Applied Sciences;

**2019:**

Certificate of completion on green economy in the context of sustainable development of the WGEO "executive training" held in Madrid from 10 to 11 December 2019;

Master 2 in Atmospheric Physics and Climate Change

Certificate of completion from Henley Business School on leadership and NHMS management training workshop organized by WMO and SAWS which held from 18 to 22 November 2019;

Certificate of participation on Climate Diplomacy training workshop for the African LDCs climate change Experts; co organized by environment , forests and climate change commission of republic Ethiopia, UNDP and Norwegian government held in Addis Ababa from 25-27 July 2019.

**2018:**

- Certificate of Completion of ICAO English Language Proficiency Test for having achieved ICAO English level 4 requirements;
- Certificate of participation in the TRAINING WORKSHOP organized by academy of science of South Africa; the world academy of science; American association for the advancing of science( **ASSAf-TWAS-AAS**) on Science and Diplomacy, held between 21 and 25 may 2018, in Pretoria, South Africa;
- Certificate of completion of the regional training workshop of the European capacity building initiative training and support, held from 11 to 13 April 2018, in sally, Senegal.

**2017:**

□Certificate of completion to online training programme for the review of experts for the technical review of information reported in biannual reports

and national communications for non-annex I parties on: general and crosscutting aspect and policies and measures of the review;

☐ Certificate of completion to the junior negotiators training workshops in Addis from 16 to 20 October 2017 organized by Least Developed Countries;

☐ Certificate of completion to the Africans regional training programme on national adaptation plan process which held in Rabat by UNFCCC and UNDP from 25 to 27 September 2017;

☐ Certificate of completion on climate change diplomacy: negotiating under the UNFCCC from 7 March to 17 April 2017;

☐ Training certificate on climate change diplomacy for junior negotiators from least developed countries which took place in Addis Ababa from 16 to 20 October 2017;

☐ Certificate of enrolment and undertaken the online training course on GHG inventories by Consultative Group of Experts on National Communications from non-Annex I Parties (**CGE**);

☐ Certificate of enrolment and undertaken the online training course **UNFCCC** on reporting requirements and Introduction to climate change by Consultative Group of Experts on National Communications from non-Annex I Parties (**CGE**) by CGE on 11 February 2017.

#### **2016:**

Certificate of Completion of the regional training workshop of the European Capacity Building Initiative Training and Support Programme organized by the International Institute for Environment and Development (IIED) on 15-16 June 2016 in Dakar, Senegal;

☐ certificate of Training Course of climatology, foundation for climate services. Held at meteo France –national school of the meteorology, Toulouse, France from 30/05 to 10/06, 2016;

☐ Online Certificate of Completion in climate change diplomacy: negotiating effectively under the UNFCCC from United Nations institute for training and research (**UNITAR**) from 7 March to 17 April 2016.

#### **2015:**

☐ Certificate of attendance in training workshop on Climsoft database management configuration, N'djamena, Chad organized by AGRHYMET

☐ certificate of participation to LDC Climate Change Negotiators Training Workshop, Bangkok, Thailand by UNEP.

☐ Online training certificate of participation of climate change Diplomatie negotiating effectively under the UNFCCC by UNITAR

#### **2014:**

☐ **Certificate of ICAO level 4 of aviation English** from African school for meteorology and civil Aviation (**EAMAC**)

#### **2013:**

☐ **certificate in approach control**

□ **certificate in Intermediate level of English language** from East African school of aviation (Kenya)

**2012 :**

□ **certificate of aerodrome control**

**2011 :**

□ **Bachelor's degree in telecommunication engineering** from higher Polytechnical Institut of « la francophone » in Ndjamena

**2010:**

□ **bachelor's degree level in meteorology** from Hydrometeorological Institute for training and research HMITR, Oran, Algeria.

### **EDUCATION AND TRAINING**

**2022-2023:** Master 2: (BAC+5) in Physical Sciences option Physics of the Atmosphere Climate and the Environment at the University of N'Djamena, Faculties of Exact and Applied Sciences;

**2021-2022:** Master 1: Physics of the Atmosphere Climate and the Environment at the University of N'Djamena, Faculties of Exact and Applied Sciences;

### **AIR TRAFFIC CONTROLLER (KENYA)**

- **2013-2014: approach controller** at East African School of Aviation in Kenya (EASA);

- **2012-2013: aerodrome control** at East African School of Aviation Kenya (EASA);

- **2012-2013: basic aerodrome** at East African School of Aviation Kenya (EASA).

### **TELECOMMUNICATION**

-**2010-2011: bachelor's degree in Telecommunication engineering** at polytechnic Institute « la Francophonie » N'Djamena/Chad;

### **METEOROLOGY**

**2007-2010: bachelor's degree in meteorology** from Hydro-Meteorological Institute for Training and research HMITR, Oran, Algeria

**2003-2004: Baccalaureate of 2nd-degree education serie « D »** from University of N'djamena.

**Professional experiences and Positions held**

**2022:** Nominated as 2<sup>nd</sup> **National Focal Point of Climate Change** by interministerial decision N°025/PR/PM/MEPDD/MACMN/2022 dated on 25/11/2022;

**2020:** Nominated as **IPCC Task Force Bureau Member** on GHGI representing African Group;

**2019(to 15 July 2019):** nominated by decision N°108/PR/MEEP/2019 as Chad National Focal Point of Climate Change.

**2018:**

- **2018-2020:** Nominated on behalf of the **LDC** as **CTCN** Advisory board member.
- Nominated by Decree No. 989 / PR / PM / MIDAC / 2018 as Deputy Director General of the National Meteorology Agency at the Ministry of Civil Aviation and of the National Meteorology.
- Nominated as communication and outreach expert of **WMO** Commission for Climatology ;

**2016:**

- Nominated by decree No. 35 / MEP / SG / 2016 as member of the committee of the Operational Seeding Clouds **OPEN**;
- Nominated by decision N° 34 / MEP / SG / 2016 as Member of the Inter-ministerial Committee on Climate Change for Chad.

## **CONFERENCES, SEMINARS AND WORKSHOPS**

**2022:**

- Participated to COP27 in Egypt, charm al sheikh on November 2022.
- participated in a training workshop on expected climate projections in Koundoul from July 25 to 29, 2022;
- participated in the workshop on Climate Technology Assessment under the UNFCCC, co-organized by AMCEN, the African Group and UNDP in Nairobi from February 13-14, 2022;
- participated in the technical workshop on the progress of national adaptation plans for LDCs and the implementation of concrete activities based on the priorities set by the countries and the development of concrete projects for successful implementation co-organized by LEG, from the Least Developed Countries Group in Nairobi from 24-26 March 2022.

**2020:**

- participation in the training workshop on the use of CDT and R software to couple station data with satellites and other proxies, to analyze and visualize station data and meshed data sets, and to carry out calculations of the characteristics of a season or climatic indices.

- participation in the training workshop on the assembly and installation of automatic synoptic weather stations and the operation and collection of data from these weather stations using the ADCON type server.

**2019:**

- Participated to COP 25 as LDC technology negotiator on behalf of Chad;
- Participated to 51 Session of IPCC on behalf of Chad;
- Climate Diplomacy training workshop for the African LDCs climate change Experts; co organized by environment , forests and climate change commission of republic Ethiopia, UNDP and Norwegian government held in Addis Ababa from 25-27 July 2019.
- CTCN Advisory Board Meeting held in Copenhagen, Denmark from 26 to 29 march 2019;
- CTCN Advisory Board Meeting held in Paris, France from 21 to 23 October 2019;
- Africa Climate Week organize by CTCN from 19 to 22 march 2019, in Ghana Accra.
- WMO commission for climatology Experts Meeting on capacity development for climate service as Expert teams on communication and outreach held in Abu Dhabi from 2 to 4 April 2019.
- 49 session of IPCC from 08 to 12 may in, Kyoto Japan;
- 50 subsidiary Bodies for scientific and technological advice from 01 to 09 June 2019 in Bonn Germany;

**2018:**

- LDC Ministerial and expert meeting in Addis, Ethiopia from 11 to 16 October;
- 48 the sessions of the IPCC in Incheon, Korea from 01-06 October;
- Bangkok Climate change conference of session of the Subsidiary body Scientific and Technological Advice (SBSTA 48-1);
- Forty-second session of subsidiary body for Implementation (SBI 48-1) September 2018;
- July 2018 LDC strategy meeting in Bangkok Thailand from 05 to 07 September;
- May 2018 attended the regional workshop on Science Diplomacy in Sub-Saharan Africa region in South Africa;

**2017:**

- Participated the Bonn climate change conference SB48 from 24 avril to 10 may 2018, Bonn, Germany.
- **2017:**attended the junior negotiators training workshops in Addis from 16 o 20 October 2017 organized by Least Developed Countries;
- **2017**attended Climate Change conference COP23 as Chad party deputy head of negotiators from 6to 17November 2017 in Bonn ,Germany;

- **2017:** attended the Africans regional training programme on national adaptation plan process which held in Rabat by UNFCCC and UNDP from 25 to 27 September 2017;
- **2017:**attended workshop on capacity building initiative for transparency co organized by UNDP and UNFCCC which held in Copenhagen, Denmark;

**2016:**

- **2016** attended cop 22 as Chad party deputy head of negotiators from 1 to 18 November 2016 in Marrakech ,Morocco ;
- **2016**attended 44th session of the IPCC as national Focal point of IPCC,in Bangkok, Thailand from 17 to 20 October2016 ;
- **2016** attended as LDC senior negotiator a training workshop for the preparation of the group for COP 22 from 8 to 9 October 2016 in Bangkok Thailand ;
- **2016:** attended a regional training workshop on Climate Change hosted by European Capacity Building Initiative Training and Support Programme organized by International Institute for Environment and Development (IIED) on 15-16 June 2016 in Dakar, Senegal;
- **2016:** attended a training workshop on climatology, climate Foundation for Climate services, France -Ecole Nationale de la Meteorologie, Toulouse, France from **30/05 to 10/06, 2016 ;**
- **2016:** Chad deputy head of Negotiator for the 44 sessions of the Subsidiary Body, in Bonn in Germany (SB 44) ;
- **2016.:** attended The Africa Regional Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories Maseru, Lesotho

**2015:**

- From **23 September to 12 December 2015**, attended the 21th Conference of Parties (COP21) as deputy head of the negotiators ;
- From **5 to 8 October 2015**, attended the 42nd session of the Intergovernmental Panel on Climate whom I was accredited to vote on behalf of my country in the various elections that took place during that session, in Dubrovnik, Croatia;
- From **September 29 to October 2, 2015**, attended a workshop for African negotiators (AGN) for COP21 in Khartoum in Sudan;

- From **September 14 to October 25, 2015**, online Certificate of participation climate diplomacy o for junior negotiators under the UNFCCC by UNDP and UNITAR ;
- **September 09, 2015**, I attended the global carbon Forum for a low carbon economy, transition in South Korea, Seoul;
- From **27 to 31 August 2015** certificate of Training on the LDC negotiators by UNDP and UNITAR in Bangkok, Thailand;
- From **26 May to 11 June 2015**, attended the Bonn conference on climate change in the following sessions: The 42th session of the Subsidiary body Scientific and Technological Advice (SBSTA 42); Forty-second session of subsidiary body for Implementation (SBI 42); And the second session of the ninth part of ad-hoc Working Group on the Durban platform for enhanced action (ADP 2.9) in Bonn, Germany;
- From **4 to 5 May 2015**, participated in a regional workshop for communication and sensitization on the results of the fifth assessment report of the Intergovernmental Panel on Climate Change (IPCC) held at the center conference in Rabat, Kingdom of Morocco;
- From **16 to 23 April 2015**, attended a strategy meeting of LDCs (18 in 21); a session on the national level of exposure adjustment NAP EXPO (16 to 17); and a session Co-organized by LEG and AC (dial adjustment) in order to share knowledge and idea under climate change in Bonn in Germany. ;
- **January 2015** attended the Geneva conference on climate change in the following sessions: The 41th session of the Subsidiary body for Scientific and Technological Advice (SBSTA 41); Forty-first sessions of the subsidiary body for Implementation (SBI 41) and the second session of the eighth part of the Working Group on the Durban platform for enhanced action (ADP 2.8) in Geneva, Switzerland;
- From **12 to 16 January 2015** training on climsoft data management software of climate data organized by ACMAD under ISACIP project which held in N'Djamena;

#### **2014:**

- **Appointed on an ordinance from Ministry of Transport Infrastructure and of Civil Aviation as deputy National Focal Point of Climate Change (UNFCCC)**
- Appointed by a decree as IPCC National focal point (Intergovernmental Panel on Climate Change);
- members of the commission climatology under **WMO** as reporter on climate observation networks in OPACE1 up to **2018** ;
- Appointed by the mean of Decree No. 162 / PR / PM / MACMN / 2014 as Director of exploitation and of the Meteorological Applications by Ministry of Civil Aviation and of the National Meteorology;
- From **April 28 to May 3, 2014**, attended a seminar of Central Africa region on meteorological weather services experts of WIGOS / WIS in



which I presented Chad weather stations networks; in Brazzaville, Congo;

- From **6 to 13 September 2014** attended the 11th EUMETSAT Users Forum in Africa on the use of satellite products and updating of the PUMA 2010 and AMESD station (e-station) by the MESA project;
- From **15 to 18 September 2014** attended a meeting of the NFPs working group of on the future work of the IPCC; Geneva, Switzerland.

#### **2013:**

- Assigned to the direction of the fight against climate change at the Ministry of environment fishery and sustainable development

#### **2011:**

- Appointed on a regular basis as Chad civil servant of the Public Service by mean of decree No. 1036 / PR / PM / TPM / SG / DGFP / CAPB / SRP / 121 of April 4, 2011 as engineer of work in (meteorology) , category A ,class 1, in Ministry of Environment , fishery and of holistic resources and transferred to the Ministry of Civil Aviation and Meteorology by mean of decree No162 / PR / PM / MACMN / 2014.

### **OTHERs PROFESSIONAL EXPERIENCES**

- Chair and Founder NGO (association) called Sahel's Tree for Sustainable development Good Governance and fight against climate change
- Member of the National Expert Working Group on drafting the intended national determined Contributions and the preparation of Chad ;
- the focal point of the multidisciplinary working group on drafting the decadal bulletin ;
- Members of the Commission for Climatology WMO as experts in Communication and Outreach;
- Forecaster in operation of seeding clouds in Chad;

### **Publications and Contributions to Publications**

Progress must be made locally and internationally, to create an environment where climate action and access to energy are congruent goals in LDCs:

(UNA-UK publication:[www.ctc-n/news/una-uk-publication-ctcn-least-developed-countries](http://www.ctc-n/news/una-uk-publication-ctcn-least-developed-countries))

Link between climate change domain under UNFCCC and NMS :([WWW.WMO.INT](http://WWW.WMO.INT));

Paris Climate Change Agreement: where does Africa fit in?  
:[WWW.RESEARCHGATE.NET](http://WWW.RESEARCHGATE.NET);

Priorities for the poorest-climate2020: [www.climate2020.org.uk](http://www.climate2020.org.uk)

Climate change domain under unfccc UNFCCC ET-COM world...  
[http://www.wmo.int/pages/prog/wcp/ccl/ccl17/focusarea/fa4/documents/climate-change-domain-under-UNFCCC\\_ET-COM\\_H.Abakar-Souleymane.pdf](http://www.wmo.int/pages/prog/wcp/ccl/ccl17/focusarea/fa4/documents/climate-change-domain-under-UNFCCC_ET-COM_H.Abakar-Souleymane.pdf)

The Paris Climate Change Agreement: where Does Africa Fit...  
[http://www.researchgate.net/publication/317404166\\_The\\_Paris\\_Climate\\_Change\\_Agreement\\_Where\\_Does\\_Africa\\_Fit\\_in](http://www.researchgate.net/publication/317404166_The_Paris_Climate_Change_Agreement_Where_Does_Africa_Fit_in)

Africa "buyer's remorse" over paris climate deal-Greenfection: Tata  
<http://ecocitizen.tatasteel.com/the-green-school/green-news-africa-buyers-remorse.asap>

**Telecommunication** protocol engineer (IPv4 / IPv6); Perfect mastery of Excel, Word, power point, internet entry, Access; Mastery of climsoft, Access, climbase, climate data operators, R... Notepad++, R and Rstudio, Quantum GIS (QGIS) and R. and Homer, climate data Tools software on management, processing and homogenization; and Knowledge of the 2006 IPCC software on greenhouse gas inventories.

LANGUAGES: Polyglot: FRENCH, ENGLISH and ARABIC

LEISURE: Reading, cinema, travel, sport

**The Applicant** 