

Curriculum Vitae
Diriba Korecha Dadi (PhD)

Personal Data

Date and Place of Birth:- 19 May 1969, Gindeberet, Ethiopia
Marital Status:- Married
Sex:- Male
Language:- Afaan Oromoo, Amharic, English
Working place: National Meteorological Agency of Ethiopia, Addis Ababa

<u>Professional Preparation:</u>	<u>Subject</u>	<u>Degree</u>	<u>Year</u>
Addis Ababa University, Ethiopia	Statistics	BSc	1991
Post Graduate Diploma	Meteorology	PGD	1993
Columbia University, USA	Climate and Society	MA	2005
Bergen University, Norway	Meteorology (Highest Distinction)	PhD	2014
PhD Thesis Title	Predictability of Seasonal Climate over Ethiopia		

Short term training

- African Climate Conference 2013 (ACC2013), 15-18 October 2013, Arusha, Tanzania
- International Training workshop and symposium on climate variability, prediction and services, 17-28 June 2013, Istanbul, Turkey
- Climate Variability and Seasonal Prediction Training Program, 19-30 November 2012, APEC Climate Center (APCC), Bussan, Republic of Korea,
- Regional training on Dynamical modeling for advancing the use of regional climate models for regional down scaling for improved seasonal climate outlooks, 20-31 August 2012, IGAD Climate Prediction and Application Center (ICPAC) and UK Met Office Hadley Center, Nairobi, Kenya
- 10th EMS Annual Meeting 8th European Conference on Applied Climatology, 13-17 September 2010, Zurich, Switzerland.

- Summer Institute on climate information for Public Health, 1-14 June 2009, International Research Institute for Climate and Society, Columbia University, New York, USA
- Training on the Numerical Weather Prediction course, Cairo Regional Meteorological Training Center, from 1-30 March 2007, Cairo, Egypt
- Workshop on forecast Verification, March 1-5, 2006, ECMWF, Reading, UK
- 3/2003-4/2003, Certificate in Regional Dynamical Modeling, IRI/DMCN, Nairobi, Kenya
- 7/2002-8/2002, Certificate in Climate Information and Prediction Services (CLIPS) for Eastern and Southern Africa, WMO/DMCN, Nairobi, Kenya
- CLIPS activities in Ethiopia. Paper presented at the CLIPS workshop for Eastern and Southern Africa, 29 July-9 August 2002, Nairobi, Kenya
- 5/02/2001-23/02/2001, Certificate in Climate and Society, East-West Center, Hawaii, USA
- Seasonal rainfall prediction and its application in the enhancement of Food Security. Paper presented at the first International Forum on Climate Prediction, Agriculture and Development, International Research Institute, 26-28 April 2000, New York, USA
- Seasonal rainfall prediction and its role in mitigating flood hazards and monitoring hydropower production in Ethiopia. Paper presented at International Workshop on Long range Forecasting and its Application 23-27 January 2000, Cairo, Egypt.
- 5/1998-6/1998, Certificate in Climate Prediction, Institute of Meteorological Training and Research, Nairobi, Kenya
- 08/1992-09/1993 **Post Graduate Diploma in Advanced General Meteorology**, India Meteorological Department, India

Appointments:

- National Project Coordinator for “**Strengthening climate information and early warning Systems in Africa for Climate resilient development and adaptation to climate change - Ethiopia**”, UNDP-Global Environmental Facility Project, 2013-present
- Project Coordinator, “**Building the capacity of NMA and regional meteorological directorates to facilitate downscaling of weather and climate forecasts and warnings**”, Care-Ethiopia and NMA Project, 2014-present
- Guest Lecturer, Haramaya University, Ethiopia, 2013-Present.
 - Climate dynamics and climate change
- Guest Lecturer, Arbaminch University, Ethiopia, 2006-present.
 - Weather Analysis and Forecast
 - Climate dynamic and climate change
- Director, Meteorological Forecast and Early Warning Directorate, National Meteorological Agency, Ethiopia, 2011-Present.
- Team Leader of Weather Forecast and Early Warning, National Meteorological Agency, Ethiopia, 2001-2010.
- Senior Meteorologist, National Meteorological Services Agency, Ethiopia, 1997-2000.
- Meteorologist, National Meteorological Services Agency, Ethiopia, 1993-1997.
- Assistant Researcher, National Meteorological Services Agency, Ethiopia, 1991-1992.

- **Korecha, D.** and A. Sorteberg (2013): "Validation of operational seasonal rainfall forecast in Ethiopia", *Water Resources Research*, VOL. 49, 7681–7697, doi: 10.1002/2013WR013760.
- **Viste, E., D. Korecha** and A. Sorteberg (2012): "Recent drought and precipitation tendencies in Ethiopia", *Theoretical Applied Climatology*. doi: 10.1007/s00704-012-0746-3.
- **Korecha, D.** and A. Barnston (2007): "Predictability of June–September rainfall in Ethiopia", *Monthly Weather Review*, 135:628–650.
- Funk C, Senay G, Asfaw A, Verdin J, Rowland J, **Korecha D**, Eilerts G, Michaelsen J, Amer S, Choularton R (2005): Recent drought tendencies in Ethiopia and equatorial-subtropical eastern Africa. FEWS NET, vol 1.
- **Korecha D.** (2002): Predictability of seasonal rainfall and the associated flood hazards over the Awash Catchment, <http://www.wmo.int/pages/prog/www/DPS/TC-DPFS-2002/Papers-Posters/Topic4-Korecha.pdf>
- Torleif M Lunde, **Diriba Korecha**, Eskindir Loha, Asgeir Sorteberg, Bernt Lindtjorn (2013): A dynamic model of some malaria-transmitting anopheline mosquitoes of the Afrotropical region. I. Model description and sensitivity analysis, *Malar J* 2013 23;12:28.
- Torleif M Lunde, Meshesha Balkew, **Diriba Korecha**, Teshome Gebre-Michael, Fekadu Massebo, Asgeir Sorteberg and Bernt Lindtjorn (2013): A dynamic model of some malaria-transmitting anopheline mosquitoes of the Afrotropical region. II. Validation of species distribution and seasonal variations. *Malaria Journal* 2013, 12:78 doi:10.1186/1475-2875-12-78

Synergistic Activities:

- **Leadership Positions in National and International Scientific Organizations:** Team Leader and Director of Meteorological and Early Warning Sector of National Meteorological Agency (2000—present)
- **Intergovernmental Panel on Climate Change (IPCC)** Focal person for Ethiopia (2012-present)
- **Major Awards:** Graduate Fellowship (2004-2005), Japan Scholarship of the World Bank; PhD Fellowship from Norwegian Government (2008-2014)

- **Conferences:** Session convener and chair of several ICPAC, WMO, EUMETSAT and National Climate Related Workshops; Member of UNFCCC Ethiopian National delegate.

Membership

- 1996 to 2010- member of the National Big Dams Management Technical Committee, which is responsible to monitoring and proposing policy-related proposals to Minister of Water Resources Ministry of Ethiopia
- 2000 to present- member of Research Editorial Board, NMSA
- 2001 to 2004- National Focal Person for Climate Information and Prediction Services (CLIPS), WMO,
- 2002 to present- National Focal Person for Pilot Project on World City Forecast, WMO
- 2002 to 2007- National Focal Person for Dynamical Climate Modeling, IGAD Climate Prediction and Application Center (formerly, DMCN)
- 2004 to 2009- Member of Experts for Eastern Nile countries Flood Preparedness and Forecasting Project (NBI)
- 2007 to present- member of the Ethiopian Meteorological Society (EMS)
- 2007-2011- Coordinator of EMAPS project Climate variability and prediction sub-sector, funded by NUFU, Norway

Thesis Advisees:

- ***M.Sc. Advisees (13 theses):***
 - 2006: Arbaminch University (3), Ethiopia,
 - 2012: Bahirdar University, Ethiopia;
 - 2013: Arbaminch University, Ethiopia,
 - 2015: Haromaya University (5), Ethiopia,
 - 2015: Addis Ababa University, Ethiopia
 - 2015: Mada Walabu University, Ethiopia
 - 2015: Hawassa University, Ethiopia
- ***PhD Advisees (2):***
 - **2015:** Haromaya University (2), Ethiopia.

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Reference:

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