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## **WORKSHOPS, CONFERENCES AND SEMINARS ATTENDED**

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**1. Third International Postgraduate Course in Hydrometeorology**

11 April to 19 May 1994, Tel Aviv, Israel

Areas covered included: Hands on experience on water conservation practices in Israel, crop production and hydrologic modeling exercises among other lectures

**2. 7<sup>th</sup> International Advanced Course in river flow forecasting**

10 April to 23 June 1997, Department of Engineering Hydrology, University College, Galway, Ireland

The work program focused on river flow forecasting modeling exercises using country data. Some of the hydrologic models used in WMO inter-comparison studies were tested.

**3. Training of Trainers Course in Hydrology, 13 September to 4 October 1998, IHE, Delft, The Netherlands**

The work program focused on curriculum development and efficient methods to deliver lectures in hydrology. During the program, I developed a curriculum on hydrologic modeling.

**4. Meteosat Second Generation- Eumetsat Polar system course (MEC-IVE)**

Institute for meteorological Training and Research (I.M.T.R), Nairobi, 6th June-10<sup>th</sup> November, 2000

**5. Hydata Workshop**

20-24 May 2001, IMTR, Kenya Meteorological Department, Nairobi, Kenya.

This is an annual workshop since the last ten years and offers training on the use of a Hydrological database (Hydata) for efficient use and management of hydrological data. I have participated for the last ten years.

**6. The second workshop on image analysis and remote sensing techniques**

21<sup>st</sup>-31<sup>st</sup> January 2002

**7. Pre-Capacity Building Workshop in Climate Prediction for the Great Horn of Africa (GHA).**

Drought Monitoring Centre, Nairobi, 21 January to 17 February 2002

**8. Capacity Building workshop in Stream flow modeling for the Great Horn of Africa (GHA).**

Drought Monitoring Centre, Nairobi, 4-15 February 2002

**9. Hydrological data processing workshop: Nile/Friend project.**

Department of Water Resources Engineering, University of Dar-es-Salaam, Tanzania, 20-25<sup>th</sup> May 2002

**10. International conference on Sustainable management of Headwater Resources. United States International University (USIU), Nairobi, 5-8 September 2002.**

**11. 9<sup>th</sup> Nile 2002 International conference. Kenya College of Communications and Technology (KCCT), Nairobi, 7-9 October 2002.**

- 12.** 3<sup>rd</sup> WaterNet/Warfsa Symposium. WhiteSands Hotel, Dar-es-Salaam, Tanzania. 30-31 October 2002
- 13.** 1st workshop for Flood Frequency Analysis component for Nile/FRIEND project. 1-3 April 2003, Cairo, Egypt.
- 14.** Kick-off workshop for the Challenge Program in the Nile rives Basin. 3-4 May 2003, Cairo, Egypt.
- 15.** 2<sup>nd</sup> workshop for Flood Frequency Analysis component for Nile/FRIEND project. 29 November-1<sup>st</sup> December 2003, Sharm El Sheik, Egypt.
- 16.** 3rd workshop for Flood Frequency Analysis component for Nile/FRIEND project. 22-24 June 2004, Alexandria, Egypt
- 17.** Lake Victoria Environment Outlook workshop, 2-4 September 2004, Kisumu-Kenya
- 18.** Workshop on Vulnerability of water resources in Africa, 27-1 September, 2004, Unep HQ, Nairobi, Kenya.
- 19.** Africa Global Change Synthesis workshops, 1-5 November 2004, University of Witwatersrand, Johannesburg, South Africa
- 20.** 4th workshop for Flood Frequency Analysis component for Nile/FRIEND project. 26-29 November 2004, Nairobi, Kenya
- 21.** 6th WaterNet/Warfsa Symposium. Lugogo Sun Hotel, Ezwuilini, Swaziland. 1-4 November 2005
- 22.** International conference of FRIEND/Nile FUST project, Sheraton Sharm Hotel, Sharm El Sheik, Egypt, 10-14 November 2005
- 23.** International conference for the “Future of dry lands”, Tunis, Tunisia 19-23 June 2006
- 24.** Launching workshop of the FRIEND/Nile Project-Phase II, Cairo, Egypt: 14-19 August 2006
- 25.** 7th WaterNet/Warfsa Symposium, Capital Hotel, Lilongwe, Malawi 1-3 November 2006
- 26.** Expert Meeting on Climate Change and Water Resources, Geneva, Switzerland: 18-20 December 2006
- 27.** HydroInformatics course: 10-26 march 2007, Unesco Chair of Water resources, Khartoum, Sudan
- 28.** Workshop on Africa’s Water Resources Vulnerability to Environmental Change: 24-26 July 2007, Pretoria, South Africa

- 29.** Training workshop on SWAT Hydrologic model: 6-10 August 2007, Dar Es salaam, Tanzania
- 30.** Join Africa-Asia workshop on Water Resources Vulnerability to Environmental Change: 16-18 October 2007, Huahin, Thailand
- 31.** 8<sup>th</sup> WaterNet/Warfsa Symposium: 31<sup>st</sup> October-2<sup>nd</sup> November 2007, Lusaka, Zambia
- 32.** Workshop/WFP & ICPAC Consultant mission on “Development of Flood Risk Scenarios for Burundi”: 12-13 November 2007, Bujumbura, Burundi.
- 33.** Training workshop in Pedagogy; 24-26 September, 2007, University of Nairobi
- 34.** National Training Course on Floods and Droughts management for professionals in the water sector; 27 August-7 September, 2007, KEWI, Nairobi.
- 35.** WaterNet Professional Training course on reviewing and editing journals; 16-18 January 2008, Harare, Zimbabwe
- 36.** IAP/ASSAf & WRC Workshop on hydrology and hydropower Schemes; 18 – 20 June 2008; Pretoria, South Africa
- 37.** Damage, Loss and Needs Assessment Training workshop; 26-29 September 2008; Kampala, Uganda
- 38.** Capacity building in Surface Water Modeling (HEC HMS) workshop; 23 September -2 October 2008; SCI, University of Nairobi, Kenya
- 39.** 9<sup>th</sup> WaterNet/Warfsa Symposium: 29<sup>th</sup> October-31<sup>st</sup> October 2008, Johannesburg, South Africa
- 40.** Workshop on Attitude change for Adaptation to Climate Change workshop: 24-28 November, 2008, Imperial Hotel, Kisumu, Kenya.
- 41.** Coordinator, DRM Curriculum Development workshop; 17-19 August 2009, ICPAC Nairobi
- 42.** Coordinator, Streamflow Modeling workshop; 17-22 August 2009, ICPAC Nairobi
- 43.** Climate and Water: Lecture given to participants (Course 10) of UNU-WVLC on Integrated Water Resources Management (IWRM) Diploma Programme; 17-22 August 2009; Chiromo Campus, University of Nairobi.
- 44.** Impact of Climate on Water Resources: Lecture to participants of “Sustainable Water Conference: Pre-conference workshop on Green Chemistry and Sustainability; 25<sup>th</sup> -28<sup>th</sup> August 2009; University of Nairobi, Chiromo Campus”.

45. Vulnerability of Water Resources due to climate change in Africa: workshop on “Implications of Climate Change and Regional Climate Variability on Water Resources in Africa” 21-23 September 2009; Center for Energy Studies, University of Cambridge, UK.
  46. Presentation of Eastern Africa Report on during the UNEP/WRC workshop on “ Transboundary Freshwater vulnerability (surface & ground) to Climate change, incorporating IWRM in Africa; 4-6 November 2009, Pretoria, South Africa.
  47. Vulnerability of Water resources in Eastern Africa: Second Africa Water Week (AWW2)/AMCOW: 9-13 November 2009; Midrand, Johannesburg, South Africa.
  48. *Climate change and African forests and wildlife: lessons and way forward*”; February 20-21, 2010 ; Brazzaville, Congo.
  49. 1<sup>st</sup> Africa Climate Change Communication Conference, 31May-2June , Kampala, Uganda
  50. 2<sup>nd</sup> IW: Science working group meeting, 12-16 October Durban, South Africa
  51. Expert Lecture in TBWM in Lake Victoria, 4-5 Nov 2010, Kigali, Rwanda
  52. ESPA/Water futures proposal workshop, 10-12 Jan 2011, Kampala, Uganda
  53. UNEP/ Inception workshop on climate change and induced water stress in the Nile basin, 25-27 Jan 2011, Cairo, Egypt
  54. 2<sup>nd</sup> CBWS Draft Review workshop, 21-26 March 2011, Dar es Salaam, Tanzania
  55. FRIEND/Nile Project Hydrologic Modeling (HM) workshop, 21-25 May 2011, Cairo, Egypt
- Planning Meeting of the AFF working group on climate change, 28-30 May 2011, Naivasha,
56. Planning Meeting of the AFF Working Group on Climate Change and the Expert Panel on Climate Change, May 28-30, Naivasha, Kenya
  57. Workshop on “Climate change and governance in forestry: lessons and way forward for Southern Africa” 2-3 June 2011, Lusaka, Zambia
  58. Workshop on “*Adapting to Climate Change Induced Water Stress in the Nile River Basin*”, 13-15 June 2011, Kampala, Uganda
  59. Workshop meeting on “DEWFORA WP4” 3-7 October 2011, Reading, UK

- 60.** UNEP Workshop on Technical Review of Assessment report adapting to climate change induced water stress in the Nile basin on ” 24-27 October 2011, Kigali, Rwanda
- 61.** Workshop on “Coordination and Partnership for enhancing the benefits of weather, climate and water related services in the development of LDCs in Africa” 9-11 November, 2011, Cotonou, Benin
- 62.** High Level Technical Workshop on the Comprehensive Basinwide Study & Resource Mobilization: 1 - 3 Dec 2011; Dar es Salaam, Tanzania
- 63.** Drought Early Warning and Forecasting in Africa (DEWFORA) Project Planning meeting; 6-10 February 2012, Sharm El Sheikh, Egypt
- 64.** Thirtieth Climate Outlook Forum for the Greater Horn of Africa (ghacof30): 27 – 29 February 2012, Kigali, Rwanda
- 65.** Inception workshop to launch “Implementing a resilience framework to support Climate Change Adaptation in the Mt Elgon region of the Lake Victoria Basin” Project, at Kisumu Hotel, Kisumu, October 16th - 19th, 2012
- 66.** Thirty second Climate Outlook Forum for the Greater Horn of Africa (ghacof30): 29 – 31 August 2012, Zanzibar, Tanzania
- 67.** UNEP Workshop on Technical Review of Assessment report on adapting to climate change induced water stress in the Nile basin ” 2-6 September 2012, Kampala, Uganda
- 68.** “Workshop on capacity building and skills development in forest-based climate change adaptation and mitigation, Nairobi, Kenya, 12-16 November, 2012”
- 69.** UNESCO workshop on “Operationalizing the Africa Drought Monitor in the Horn of Africa region” 19 – 21 June 2012, IGAD Climate Prediction and Applications Centre (ICPAC), Nairobi, Kenya
- 70.** IGAD HYCOS project consultation meeting between WMO, IGAD and EC; 15-16 April 2012, Djibouti
- 71.** Thirty third Climate Outlook Forum for the Greater Horn of Africa (ghacof30): 18 – 20 February 2013, Bujumbura, Burundi

**72. Drought Early Warning and Forecasting in Africa (DEWFORA) General Assembly; 4-9 February 2013, Pretoria, South Africa**

**73. UNEP Final technical review workshop Assessment report on adapting to climate change induced water stress in the Nile basin ” 25-28 February 2013, Kampala, Uganda**