

Personal Data

Hanadi Ibrahim El Dessougi

Address

E-mail: H.Dessougi(at)gmail.com

University & Higher Education

1984-1985 Faculty of Science, University of Khartoum

1985-1991 Faculty of Agriculture, University of Khartoum

(B. Sc. Agric. First Class Honours). Majoring in Agronomy

1992-1994 Faculty of Higher Studies, University of Khartoum (M. Sc. Agric.). Title of the M. Sc. Degree thesis: **Investigations into acid delinting of cotton (*Gossypium* spp.) seed**

Oct. 95-March 96 German Language course in Goethe Institute Goettingen, Germany

April-August 1996 Examinations for fulfilling the doctorate requirements at the University of Goettingen, Germany

Sept. 1996-Feb. 2001 Doctorate study at Georg-August University Goettingen, institute of Agricultural Chemistry, Department of Plant Nutrition and Soil Fertility. Title of the PHD thesis: **Potassium efficiency of crop species as related to K dynamics in the rhizosphere simulated by mathematical modeling**

Employment

1991-1992 Research assistant, Desert Research Department, National Center for Research, Khartoum, Sudan

1992-1994 Teaching assistant, Agronomy Department, Faculty of Agriculture, University of Khartoum, Sudan

1994-Sept. 1995 Lecturer, Department of Agronomy, Faculty of Agriculture, University of Khartoum, Sudan

1996- Dec. 2000 PHD student, Institute of Agricultural Chemistry University of Goettingen, Germany.

Dec. 2001-May 2002 Scientist, Institute of Agricultural Chemistry University of Goettingen, Collaborative Research Center 552 Project, Sub-project: Development of

Sustainable Land-Use Systems in Indonesia. Sponsored by the German Research Foundation (DFG)

Oct. 2002-Sept. 2003 Lecturer, Department of Plant Nutrition and Soil Fertility, Institute of Agricultural Chemistry, University of Goettingen

Oct. 2003-2007 Post-Doc Fellow NRMP ICARDA

Languages

English: excellent, German: excellent, Arabic: mother language, French elementary knowledge.

Analytical tools & Computer skills

Very good experience of Windows and associated programs: Word, PowerPoint, Excel, Sigma Stat, Sigma Plot, Outlook, Microsoft Explorer, PhotoDraw, and Internet

Projects & Courses

1992 Team-Member of the Procurement of Millet Seed for the Emergency Seed Distribution Project. Sponsored by Save the Children Fund (NGO)

1993 Team-Member of the Feasibility Study of Cotton Seed in the Sudan. Advisory Unit for Agricultural Cooperation (AUAC). Sponsored by the World Bank

1994 "Train the Trainer Course" Sinar, Sudan. An In-Country Course in Seed Certification. Sponsored by ICARDA

2001 Institute of Public Opinion Research, Allensbach, Germany

2003-2005 Team member "Sustainable Agricultural Development for Marginal Dry Areas Project" Khanasser Integrated Research Site, Syria, sponsored by BMZ & ICARDA

2005- Team member "Challenge Program for Water & Food Kharkheh River Basin Project", Iran, sponsored by Belgium, ICARDA & Iran

May-2005 "Women Leadership Course", Aleppo, Syria. Sponsored by ICARDA, & the CG G&D Program

June 2005 Gender & Diversity Associates Workshop, Bogor, Indonesia. Sponsored by CG G&D Program

2004-2007 Coordinator Mentoring Program at ICARDA

May 2007 Consultant: IFAD Study on Strategic Agricultural Planning, Senna, Yemen.

October 2007 Workshop (Priority Setting and Plan Development for the Staple Crops Program) ASARECA, Nairobi, Kenya

December 2007 Key participant (Workshop to develop TUUSI projects on upscaling approaches, extension and farmer empowerment), ASARECA, Entebbe, Uganda, 10-11 Dec.

Scholarships

Scholarship from the World Bank for my M. Sc. Study

Scholarship from the German Exchange Service (DAAD) For my PHD study

publications

Publications List

Authors, title, journal, date, issue, no of pages, Journal impact

1. **El Dessougi, H.**; Claassen, N. and Steingrobe, B. (2002) [Potassium efficiency mechanisms of wheat, barley and sugar beet grown on a K fixing soil under controlled conditions](#). Journal of Plant Nutrition and Soil Science 165, 732-737.
2. **El Dessougi, H.**; Zu Dreele, A and Claassen, N. (2003) [Growth and phosphorus uptake of maize cultivated alone, in mixed stands with other crops or after incorporation of their residues](#). Journal of Plant Nutrition and Soil Science 166, 254-261.
3. Bhadoria, P., **El Dessougi, H.**, Liebersbach, H. and Claassen, N. (2004) [Phosphorus uptake kinetics, size of root system and growth of maize and groundnut in solution culture](#). Plant and Soil 262, 327-336.
4. **El Dessougi, H.**, Claassen, N., and Steingrobe, B. (2010) [Potassium efficiency of different crops grown on a sandy soil under controlled conditions](#). University of Khartoum Journal of Agricultural Sciences 18 (3), 310-334.
5. **El Dessougi, H.**, Claassen, N., and Steingrobe, B. (2011) [Potassium efficiency of wheat and sugar beet evaluated under field conditions](#). University of Khartoum Journal of Agricultural Sciences 19 (1), 26-48.
6. **El Dessougi, H. I.**, Claassen, N., and Steingrobe, B. (2011) [Calculation of K uptake by three crops grown under controlled conditions using a mechanistic model](#). University of Khartoum Journal of Agricultural Sciences 19 (2), 145-160.
7. **El Dessougi, H. I.**, Claassen, N., and Steingrobe, B. (2011) [Calculation of K uptake by two crops grown under field conditions using a mechanistic model](#). University of Khartoum Journal of Agricultural Sciences 19 (3), 270-284.
8. Abuelgasim, A. E. and **El Dessougi, H. I.** (2011) [Effect of seed source on seed](#)

[vigour and field performance of the sorghum \(Sorghum bicolor. L. Moench.\) Cultivar Tabat](#). University of Khartoum Journal of Agricultural Sciences 19 (3),285-308.

9. **El Dessougi H. I. (2006) Restoring Soil Fertility in Dry Areas. ICARDA Caravan: Review of Agriculture in the dry areas; Special Issue on International Year of Deserts and Desertification Issue No. 23. pp. 23-25**

Papers accepted for publication

1. Ahmed, T. M. and El Dessougi, H. I. (2011)**Breaking seed dormancy in Agremone mexicana L. seeds.** University of Khartoum Journal of Agricultural Sciences