

CURRICULUM VITAE

Biodata:

Name : Asma Khalid Mahmoud.

Gender: Female.

Place and Date of Birth: ElKawa, Sudan January 1972

Nationality: Sudanese .

Marital Status: Married with three children

Address: Environment and Natural Resources Research Institute, National Centre for Research, Ministry of Science and Technology

E mail: asmakhalid2000@hotmail.com

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Religion: Muslim.

Languages: Arabic and English.

Qualifications:

- Ph. D. Sudan Academy of Sciences (SAS) –Environmental Sciences (Bio Pesticides) (2009). Thesis title: Biological and ecological studies of some natural enemies associated with *Schizaphisgraminum* (Rond.) (Homoptera : Aphididae) infesting three wheat varieties.

-M.Sc. University of Khartoum- Faculty of Agriculture- plant protection (2002). Thesis title: Investigations in the use of intercropped Fenugreek(*Trigonellafoenum-graecum* L.) and its

extracts in control of musk melon pests and assessment of their side effects on predator population.

- B.Sc. University of Gezira- Faculty of Agriculture plant protection (Honors - Division two class 1) (1995).

Specialization:

Bio-pesticides.

Work experience

- Assistant professor since 2009.
- Researcher (2002 – 2009).
- Researcher assistant (1997 – 2002).

Research Activities and Interests

- Biology and ecology of insects pest.
- Biology and ecology of insect pests predators.
- Integrated pest management of crop and vegetable insect pests.
- Biological control of vegetable insect pests using predators and parasitoids.
- Natural products for the control of vegetables and store insect pests.

Professional Memberships:

- Membership of seminars committee in Environment and Natural Resources Research Institute, National Center for Research.
- Membership of the social committee in Environment and Natural Resources Research Institute, National Center for Research.
- Membership of Social Cooperative Box in Environment and Natural Resources Research Institute, National Centre for Research.
- Head of insects rearing and control unit in Fertilizers and alternatives to insecticides Department, Environment and Natural Resources Research Institute, National Centre for Research.

Publications:

Papers in refereed Journals

- Satti, A.A., Eltayeb. A. E. and Mahmoud, A. Kh. (2013). Preliminary studies on phytochemical constituents and mosquito larvicidal activities of *Recinus communis* L. International journal of biology, pharmacy and allied sciences. 2(3) 538-551.
- Mahmoud, A. Kh. , Bedawi, S. M. and Satti, A. A. (2013). Insecticidal efficacy of neem seed kernels ethanolic extract prepared from neem products of different

years. Global advanced research journal of environmental science and toxicology 2(1) .

- Mahmoud, A. Kh. and Abdelbagi, A. O. (2012). Fenugreek seeds extracts as growth regulatory and feeding inhibitory for the African melon Lady Bird Beetle *Henosepilachna elatarii* (Rossi) . U. of K. Agric. Sci. 20(1), 86 - 97.
- Mahmoud, A. Kh. and Abdelbagi, A. O. (2004). Effect of intercropping of fenugreek and musk melon on insect pest populations of musk melon. U. of K. Agric. Sci. 12(1), 100 - 112.

Paper in conferences,

Satti, A.A. and Mahmoud, A. K. (2011) . Seasonality and relative abundance of important predators in relation to variability in prey species on certain crops.)The 4th. Int. conf. of agriculture and rural development, 4-7 April Hail, Saudi Arabia.

Papers in Scientific Reports:

- Mahmoud, A. Kh. , Bedawi, S. M. and Satti, A. A. (2012). Efficacy of some botanical extracts in the control of Khabra beetle (*Trogoderma graminum*). 19th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.

- Mahmoud, A. Kh. , Bedawi, S. M. and Satti, A. A. (2012). Insecticidal effect of neem seed kernels ethanolic extract as affected by storage durations.19th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.
- Mahmoud, A. Kh. and Al Abjar, Z. A.(2010). Popultion densities of *Schizaphisgraminum* (Rond.) (Homoptera: Aphididae) and it is associated natural enemies on their wheat varieties. 16th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.
- Mahmoud, A. Kh. and Al Abjar, Z. A.(2012). Life tables data of *Schizaphisgraminum* (Rond.) (Homoptera: Aphididae) on three wheat varieties. 17th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.
- Mahmoud, A. Kh. and Al Abjar, Z. A.(2007). Report on Biological and ecological studies on *Schizaphisgraminum* (Rond.) (Homoptera: Aphididae) .14th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.

- Mahmoud, A. Kh. and Abdelbagi, A. O. (2006). Effect of intercropping of fenugreek and musk melon on predator populations of insect pest of musk melon. 13th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.
- Mahmoud, A. Kh. and Al Abjar, Z. A.(2005). Report on Biological control of *Schizaphisgraminum* (Rond.) (Homoptera:Aphididae) . 12th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.
- Phytochemical analysis of fenugreek seeds extracts(2004). 11th. Annual Scientific Report of the Environment and Natural Resources Research Institute, National Center For Research, Khartoum.

Teaching:

- Teaching in Sudan University of Science and Technology College of Agricultural Studies as apart timer.
- Teaching in training course of using of alternative pesticides and natural enemies in control pests . 2009, Environment and Natural Resources Research Institute, National Center for Research.
- Teaching in training course of control of pests and diseases of stored grains. 2007, Environment and Natural

Resources Research Institute, National Center for Research.

Training Courses Attended

- Training course on integrated pest management- college of Agriculture studies Sudan University of Science and Technology – Khartoum .
- Training course on weed control - college of Agriculture studies Sudan University of Science and Technology – Khartoum.
- Training course on principles and applications of plant tissue techniques commission for genetic , national center for research, engineering and biotechnology.

Names of References:

- Prof. ZuhairAlfadil Al abjar, Ministry of Science and Communications.E mail: zuhairabjar@hotmail.com
- Prof. AbdAllaAbdelrahimSatti,Environment and Natural Resources Research Institute, National Centre for Research, Ministry of Science and TechnologyE mail: satisattisat@hotmailyahoo.com
- Prof.Azhari Omer Abdelbagi, Faculty of Agriculture, Khartoum UniversityE mail: azharibagi@yahoo.com