

## **Dr. Sayeda Omer Elhiweris**

### **Curriculum vitae (C.v)**

#### **Education:**

- Bachelor degree (honors with reward of University prize) in botany (Chemistry, minor) from the University of Khartoum, faculty of science, Department of botany in 1970.
- Master degree in Botany (plant physiology) faculty of Science Department of Botany, University of Khartoum Sudan 1975
- Ph.D.in plant Physiology University of reading United Kingdom (England) 1979

#### **Work History**

- Teaching assistant in the department of Agricultural Botany ,Fac. of Agriculture, university of Khartoum Sudan (1970\_1975)
- Awarded master Degree and promoted to lecturer 1975.
- Attended a Course on weed control at the University of reading in United Kingdom (England), form may to September 1975
- Registered for PhD. Under the British Council Scholarship in October 1975.
- Awarded the PhD. In July 1979. University of reading in United Kingdom (England),
- Assistant professor in the Department of Agric. Botany. Faculty of Agriculture, at the University of Khartoum from Jan.1980 .
- Assistant professor in Girls College of Education. At Riyadh, Saudi Arabia from 1983\_1988. (on leave)
- Assistant professor in the department of Agricultural Botany, Fac. of Agriculture, university of Khartoum Sudan from 1988-1990.

- Assistant professor in the Department of Botany and Microbiology at King Saud University, Saudi Arabia, 1989 to 1996.
- Head of the Department of Botany and Microbiology at King Saud University, Saudi Arabia. 1992\_1995.
- Associate professor in the Department of agric. Botany from 1996.
- Head of the Department of Botany and agric. Biotechnology 1999 to 2001.
- Coordinator for Intermediate Diploma at the Fac. of Agric. Department of Botany and agric. Biotechnology 2000 to 2007.

### **Supervised M.Sc.and Ph.D. thesis**

- Elhag E.E(1984),Studies on the biology of certain dominant wed in sham bat area. M. Sc. Univ. of Khartoum. Sudan
- Elamin S.E (1984).The effect s of some herbicidal treatments on weed control, yield and quality of Lucerne .m.sc. Unit. of Khartoum . Sudan.
- Fadin S.M.(1985), Physiological studies on the response of some plants to salinity Msc., Girls college of Education Scientific section Riyadh Saudi Arabia.
- Abu Moriafa, S.S (1986) , Response of some plants to super dioxide pollutant Msc., College of Education Scientific Section Riyadh Saudi Arabia.
- Khider I .A (1986), Studies on growth and nutritional requirements of tomato roots. Msc., Girls College of Education Scientific Section Riyadh Saudi Arabia.
- Alaowayed,E.A.(1992), Physiological studies on the effects of temperature and water stresses on the germination of seeds and seedling growth of wheat plants MSc., Girls College of Education Scientific Section Riyadh Saudi Arabia.

- Elyousif ,F.S. (1994), Effect of Boron on growth and metabolism of Date palm (*phoenix dactylifera*) and Dura (*Sorghum vulgar*). MSc.Dept. of Bot. And Micro. Saud Univ. Riyadh Saudi Arabia
- Wado,M.S (1997). Affect Kinetin and magnesium on the growth and metabolism of Date Palm (*Phoenix dactylifera*) seedling. MSc.Dept .of Boot. And Micro. King Saud Unit. Riyadh Saudi Arabia.
- Elatyeb, B.A.(2001) ,Physiological studies on the relationship between *Cucuta hyaline* and *vicia faba*.M.Sc. Dept. of bot. Biotic. and Biotic. Univ. of Khartoum. Sudan.
- Saad, S.A.(2001) Propagation of roses (var.*sera*) using tissue culture techniques. M.Sc. Dept. of bot. Biotic. and Biotic. Univ. of Khartoum. Sudan.
- El-Siding, M. (2001) Propagation of *Salvadora* sp. (Arak tree) using tissue culture techniques. M.Sc. Dept. of bot. Biotic. and Biotic. Univ. of Khartoum. Sudan.
- Eltayeb, M. (2001) Physiological studies on the effects of application of nitrogen fertilizer watering regime and intercropping on the growth and productivity of *Zea mays* forage crop. M.Sc. Dept. of bot. Biotic. and Biotic. Univ. of Khartoum. Sudan.
- Mutuali E.M.(2000). Study on the ecological aspects of Mesquite (prosodies kinesis).Ph.D .Dept.of Bot. And Biotic. Unit. Of Khartoum, Sudan.
- Ali K. S .(2009).Study on Callus Induction and Type of Morphogenesis in *Musa* Spp. ( Cultivar Grand Nain ).Ph.D. Dept. Biot. and Biotic. Univ. of Khartoum, Sudan.

### **Publications:**

- Elhiweris S.O.( 1970).Competition between *Cynodon dactylon* , *pers*, *Euphorbia granulate* *fors*. And *E. hirta* B.Sc. Hon. Dissertation Univ. of Khartoum, Sudan.

- Elhiweris S.O. 1974. Studies on the physiology and metabolic activities of some crop plants and weeds in response to treatments with certain herbicides. M.Sc. thesis Fac. Of M.Sc. Dept. of Bot. Univ. of Khartoum.
- Elhiweris S.O. 1979 Physiological studies on the relationships between *Striga hermonthica* Del (Benth.) and *Sorghum vulgare* Pers. Ph.D. Thesis Univ. of Reading U.K.
- Drennan D.S.H. and Elhiweris S.O. 1979 Changes in growth regulating substances in *Sorghum vulgare* infected by *Striga hermonthica* Second Symposium Parasitic weeds Dominion Univ. U.S.A.
- Elhiweris S.O. (1986) .Nitrogen fertilization in relation to parasitism of *Striga hermonthica* on *Sorghum vulgare*. Arab Gulf Jour. Of Sc. Vol. 4 (2) p 715 – 732.
- Elhiweris S.O.( 1987). Nature of resistance of *Striga hermonthica* (Del.) Benth. Parasitism on some *Sorghum vulgare* (Pers.) cultivars Weed Research Vol. 27P 305 – 311.
- Elhiweris S.O. (1988). Growth inhibition of *Sorghum vulgare* Pers from *striga hermonthica* (Del.) Benth. Arab Gulf Jour. Of Sc. Vol. 136 (2) p 136 – 174.
- El-yousif, F., Al-Whaibi, M.H. and El-Hiweris, S.O. (1994) Influence of boron concentration on some metabolites of date palm and *Sorghum* seedlings. Jour. Of mineral nutrition, Vol. 17 (6), P. 1037 – 1052.
- El-yousif, F., Al-Whaibi, M.H. and El-Hiweris, S.O. (1994) The effect of boron on the morphology and growth of date boil and sorghum hybridmseedlinges. Biol. Sci. Vol. 3 46 – 76.
- Mutuali E.M and El-Hiweris, S.O. (2007) The Effect of Stand Of Densities On the Growth Of Mesquite Seedlings. Scientific Jour. of Alzaim Alazaim Alazhari Univ. Vol.3.PP.24-47.

- Mutuali E.M and El-Hiweris, S.O.(2009) The effect of Light on Mesquite Seedlings Growth . Scientific Jour. of Alzaim Alazaim Alazhari Univ. Vol.3.PP.21-32.
- Abdallatef E. ,Hassan E. A. Elhiweris S.O. and Kalfalla , (2010) In Vitro callogenesis and Proliferation From Different Explants of Garden Cress ( Lepidum Sativum ,LINN) International Jour. Of Curr. Res. Vol 4,pp 091-093.
- Eltaib M. Ahmed E.E.A and Elhiweris S.O (2009 )Effect of Nitrogen and Intercropping With Lablab Bean ( Lablab Purpureus) on Growth of Fodder Mays ( Zea Mays L.) Under Two Irrigation Frequencies. Jour of Agric Sci. U of K Sudan 18 (3) pp290-309.
- Saad, S.A.A. E.Said and Elhiweris S.O ( 2001 ) . In Vitro Propagation of Rose ( Rosa hybrid .L.) Jour/of Scie. and Technology . Univ. of Scie. and Technology . Sudan .

## الكتب المنشورة

1. مقدمة في فسيولوجيا النبات (2010) د / سيدة عمر الحويرص ود/ الطيب الحاج علي احمد . منشورات مطبعة جامعة الخرطوم
2. فسيولوجيا النبات العملي (2011) د / سيدة عمر الحويرص ود/ الطيب الحاج علي احمد . منشورات مطبعة جامعة الخرطوم
3. فسيولوجيا نمو وتطور النبات (2015) ) د / سيدة عمر الحويرص . منشورات مطبعة جامعة الخرطوم
4. فسيولوجيا النمو العملي ( تحت الإعداد ) مشاركات ونشاطات اكاديمية

- عضو بمجلس كلية الزراعة جامعة الخرطوم
- عضو بلجنة الاصلاح الاكاديمي بكلية الزراعة جامعة الخرطوم.

- عضو لجان ترقية اعضاء هيئة التدريس في عدد من جامعات السودان.
- عضو لجان تحكيم في المجلات العلمية الصادرة من عدد من جامعات السودان .
- ممتحن داخلي لطلاب كلية الزراعة او حاجي لطلاب الدراسات العليا في العديد من الجامعات الاخرى بالسودان .
- عضو في لجان تقويم او مراجعة ووضع المقررات الدراسية لطلاب дипломатии والبكالوريوس والدراسات العليا في العديد من الجامعات.
- الالشراف على بحوث التخرج و بحوث الدراسات العليا بجامعة الخرطوم و الجامعات الاخرى بالسودان.
- حضور السمنارات وورش العمل والندوات المقدمة من قبل كلية الزراعة او غيرها من الجامعات او مراكز البحوث داخل او خارج كلية الزراعة .