

Curriculum Vitae

Name: Osama Elsheikh Yassin

Date of birth: 09.05.1936

Present Post: Assoc. Prof., Sudan University of Science and Technology.

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General Specialization: Poultry Specialist

Micro-specialization: Environmental Physiology.

Academic Qualification:

<i>Degree</i>	<i>University</i>	<i>Graduation</i>		<i>Specialization</i>
		General		Minute
B.Sc.	Khartoum, 1961	Vet. Sci.		Vet. Sci.
M.Sc.	Missouri (USA), 1965	Extension Education		Poultry
Ph.D.	Missouri (USA), 1978	Poultry Husbandry		Env. Physiol.

Languages:	Spoken	Written	Reading
Arabic	Distinction	Distinction	Distinction
English	Distinction	Distinction	Distinction

Previous Experiences:

Description	Year
Poultry Officer	1961
Director Research and Programming	1978-82
Executive Manager, Arab-Sudanese Poultry Co. (AAAID)	1982-1985
Head, Poultry Dept., Ministry of Animal Resources	1985-1990
Head, Poultry Research Administration	1990-1993
Advisor for Undersecretary, Ministry of Animal Resources	1993-1996
Director, Research Centre, Animal Research Corporation	1997-1999
Advisor for Minister of Animal Resources	1999-2001

Staff member, Sudan University of Science and Technology 2001- Now

Academic Participations:

A: Conferences, Councils and Workshops:

- 1-Poultry Development in the Blue Nile Province. 6th Veterinary Conference, 1973.
- 2-Animal Production in the Sudan- Scientific Conference of Animal Production in Hot Areas, Gezira University. 1981
- 3-Family Poultry Farm – Veterinary Conference for Animal Resources Development, Eastern Sudan 1984
- 4-Economic Effect of Ticks-Tick Control Strategy Workshop, Combating Ticks and Diseases Transmitted by- in Khartoum Province, Central and Eastern Provinces. 1991
- 5-Bio-diversity and Animal Resources- Bio-diversity Workshop in Sudan. National Research Council and Higher Environment and Natural Resources Council 1994
- 6-Animal Integration in Agricultural Rotations, Theory and Application. Pastoralists Conference, Kassala Province. 1994
- 7-Agricultural Improvement System and Vertical Integration of Animal Resources. Conference of Ministers of Agriculture in the States (*Wilayas*) 1994
- 8-Role of Animal Resources in the Economics of Darfur State- Darfur State Conference 1995
- 9-Economic Losses in Animal Resources. 4th Scientific Conference, National Research Council 1999
- 10-Animal Resources in the Sudan: Present and Future Development. 4th Scientific Conference, National Resource Council 1999
- 11-Animal Resources and Handicaps to Development Solutions and Approaches. 4th Scientific Conf., National Research Council 1999
- 12-Steps in Globalization (Team Member). 4th Scientific Conference. National Research Council 1999

B- Committees:

- 1-Estimation of Available Resources for Urban and Rural Development of Khartoum Province (Team Member) 1980
- 2-Evaluation of Poultry Foreign Breeds in the Sudan. Ministry of Animal Resources (Group Leader) 1993
- 3-Re-building Sudanese Animal Resources Specially in Drought Stricken Areas (Head Committee) 1986
- 4-Committee for Preparation for the Scientific Conference, National Research Council for Setting Policies and Priorities of the Nation in Agricultural and Natural Resources Research. Ministry of Animal Resources Representative 1988
- 5-Committee for Promotion of the Researchers, Administrative Key Posts and Recommendations for Scholarships and Training Courses 1988-1997
- 6-Committee for Stimulating Small Producers and Irrigated and Rain-fed Sectors 1989
- 7-Member of the National Camel Committee, Animal Resources Secretariat (Head, Extension Section) 1991-1993
- 8-Head of the Committee for Hides Development and Export in the Sudan 1992
- 9-Member of the Committee for establishing a Research Institute for Environment and Natural Resources 1992
- 10-Head of the Committee Scouting and Probing in Northern Kordofan and Northern Darfur States 1993
- 11-Higher Committee for Food Security, Khartoum State, Member and Representative of Animal Resources Ministry 1993-95
- 12-Member of Sudan Investment Map Committee 1994
- 13-Member of the Comprehensive Environment Regulations and Laws Committee, Higher Environment and Natural Resources Council 1999
- 14-Member of the Scientific Committee, Ministry of Animal Resources 1994
- 15-Member of the National Committee for Bio-diversity Agreement, Higher Environment and Natural Resources 1994

16-Member of Imports Specifications Committee, Ministry of Animal Resources	1995
17-Member of Animal Resources Investment Map Committee	1995
18-Member of the Recording and Publication Committee, Animal Resources Research Corporation	1998
19-Member of Animal Resources T.V. Programs Committee	1998

C-Professional Activities:

1-Marketing and Development of Poultry Production in Khartoum Province- Field Survey between Arab-Sudanese Company and Ministry of Animal Resources	1985
2-Extension Program Development – Ministry of Animal Resources	1991
3-Productive Family in Food Security, Sudan 4 th Agricultural Show	1996
4-Artificial Insemination in Poultry. 13 th Training Session, Ministry of Animal Resources	1998
5-Teaching Poultry Courses in some other Universities (University Cooperation)	
6-Member of Editorial Board- The Sudan Journal of Animal Production- Animal Resources Research Corporation	2001-
7-Setting Plans, Programs and establishing a strong Extension Set-up in the Ministry of Animal Resources	1990
8-Member of Evaluation of Feasibility Study for <i>Sundus</i> Agricultural Scheme	1997
9-Participated in many Feasibility and Marketing Studies in Poultry business and Industry.	
10-Century National Poultry Strategy Plan 2002-2007 (Team Member)	
11-Member, Ministry of Animal Resources Advisory Council, 2001-2002.	
12-Poultry Development Problems in Khartoum State and Possible Practical Solutions, (2003). Sudan University of Science and Technology in cooperation With Khartoum State Ministry of Agriculture, Animal Resources and Irrigation (Team Member).	

Co-operation with Regional and International Organizations:

1-Arab Organization for Agricultural Development:

- a-Feasibility Study for Establishing a Poultry Project, 1980 (Team Member).
- b-Feasibility Study for Feed Production from Agro-industrial By-products, 1981 (Team Member).
- c-Poultry Industry in the Sudan – Firs Arab Conference for Poultry and Animal Production, Rabat, Morocco, 1987 (Country Report).
- d-National Study – Executive Plans for Improving Local Cattle, Sheep and Goats, Khartoum, 1988 (Country Report).
- e-Workshop Technical and Economical Means for Broiler and Layer Parents Production – Cairo, 1993. (Country Report).
- f-Defining Standard Animal Characteristics in the Arab World, Khartoum, 1999, (Country Report).
- g-Economic and Technical Components for Producing Feed Concentrates in the Arab World, 1996 (Team Member).

2-Food and Agriculture Organization (FAO):

- a-Animal Production Policies and Pasture and Feed utilization – Setting Directive Plans Directing African Prone-Drought Countries (Workshop Coordinator). 1985
- b-Setting a Curriculum Course in Poultry Meat Processing 1992
- c-African Internet in Agricultural Research for East-African Countries (Member) 1993

Other Organizations:

- 1- Poultry Project for Egyptian-Sudanese Integration Company, Cairo (Sudan Representative) Technical Committee- 1981.
- 2- Executive Manager, Arab-Sudanese Poultry Co. Tributary Company Arab Authority for Agricultural Development and Investment (AAAID) Capacity 43 Million Eggs and 6.3 Million Broilers – 3-Phased, 1983-1985.
- 3-Technical Cooperation Committee, Fish Production, United Nations Development Program (UNDP), 1987 (Member).

- 4-Integrated Company – Arab Food Security Program in the Sudan- Setting National Plans for Investment, 1987 (Member).
- 5-Data Collection Committee for Establishing Veterinary Drugs Plant, Animal Health Administration – General Corporation for Agriculture and Fish Resources Affairs – Kuwait, 1988 (Member).
- 6-nvironment Significance in Evaluation of Sheep and Goat Projects – Arab Organization for Arid lands in Cooperation with the Ministry of Animal Resources, Khartoum, Sudan. 1995.
- 7-Camel Production in the Sudan – First General Meeting – Damascus, Syria, 1996 (Country Report).
- 8-Foreign Committees Cooperating with the Animal Resource (Member)
 - a-Dutch Aid
 - b-British Aid
 - c-Irish Aid
 - d-Yugoslavian Aid
- 9-Assessment of Problems and Solutions for Poultry Development in Khartoum State – Sudan University of Science and Technology in Cooperation with Khartoum State Ministry of Agriculture, Animal Resources and irrigation, 2002 (Team Member).
- 10-Advisor, Co-advisor and External Examiner for more than 20 Postgraduate Degree Students in Cooperation with many universities in the Sudan in Poultry Production and Extension Education.
- 11-Evaluation of Agricultural Schemes in River Nile and Northern States (Team Member).

Countries Visited Officially:

- 1-USA.
- 2-United Arab Republic.
- 3-Morocco.
- 4-Syria.
- 5-Jordan.
- 6-Holland.
- 7-India.

Membership of Societies, Councils and Boards of Directors:

- 1-Sudan Veterinary Society.
- 2-Sudan Veterinary Council.
- 3-American Poultry Society.
- 4-National Poultry Society (Vice President).
- 5-National Council of Camel Research and Development (Head, Extension and Documentation Committee).

6-Board of Directors (Membership):

- a- Rahad Agricultural Corporation Scheme.
- b- Gash Agricultural project.
- c- Animal Production Corporation.
- d- Pasture Company for Agricultural Production (Sudan Armed Forces).
- e- Evaluation of Agricultural Schemes in the River Nile and Northern States (Team Member).

University Activities:

- 1-Member, College Administration Council.
- 2-Member College Research Council.
- 3-Member Animal Production Division Council.
- 4-Member Accreditation and Evaluation College Committee.

Student Supervision:

- 1- 8 Ph.D. Students.
- 2- 6 M.Sc. Students.
- 3- 14 Graduation Report Students.

Scientific Papers:

- 1- Effect of increasing light and variable day length on egg production (1977). Poultry Science Association, Annual Meeting, Texas, USA.
- 2- A humeral light – dark cycles increase initial pullet egg weight and shell quality (1978). Poultry Science Association, Annual Meeting, Georgia, USA.
- 3- Critical Path Method as an aid to construction and management of an integrated poultry project in Sudan. XVII World Poultry Conference and Exhibition, World Poultry Association, Helsinki, Finland, August 8 – 12, 1984.

- 4- Effect of oxytetracycline on the fat content and fatty acid composition of egg yolk. *Comp. Biochem. Physiol.* Vol. 81C (1): 223 – 226 (1985).
- 5- Conflicts and crisis impact on animal resources in the Sudan, Case study. Germany, 2006.
- 6- Towards biodiversity strategy for the poultry industry in the Sudan. Workshop on Poultry Health Strategy in the Sudan. College of Veterinary Medicine and Animal Production, Sudan University of Science and Animal Production, Khartoum, 2006.
- 7- Effect of long term antibiotic water supplementation on performance and egg quality of caged laying hens (unpublished).
- 8- Changes in plasma ascorbic acid levels and growth from day-old to point-of-lay in chickens reared in hot environment (unpublished).

Papers submitted for publication:

- 1- Effect of partial replacement of corn by alkali treated date pits on broiler growth, survival rate and economic returns.
- 2- Some blood parameters, carcass quality, body composition and eating quality of broilers partially fed alkali-treated date pits for corn.
- 3- Influences of stocking density during the finisher period on the performance of broiler chickens.
- 4- Effect of malted barley diet on broiler chickens performance.
- 5- A study on the production and consumption of camel milk in Khartoum State, Sudan. Rania H. Zaid, O.E. Yassin and H. Agab.