Curriculum Vitae

Personal Information	
Name(s)	**Fawzi Ali Mohamed Ahmed**
Permanent Address	Sudan University of Science and Technology (SUST), College of Veterinary Medicine and Animal Production(CVMAP), Department of Wildlife &Fisheries Science (WFC), Wehda Street, P. O. Box 204, Hilat Kuku, Khartoum North, The Sudan.
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Nationality	Sudanese
Date of birth	12/11/1979
Place of birth	El-Fashashoia, White Nile State, the Sudan
Gender	Male
Desired Employment or Occupational Field	**1- Field Wildlife Fisheries Science** **2- SUST Teaching Staff** **3- Researcher**
Work Experience	
1- Occupation or position held	**Fish Farm Manager**
Dates	From November/2005 to May/2006
Main activities and responsibilities	**1-** Taking health care of wild animals **2-** Doing Wild animal behaviour and Management **3-** General Fish farm management
Type of business or sector	**Fish and Wild Animal Sector**
2- Occupation or position held	**SUST Teaching Staff at the Department of Wildlife &Fisheries Science (WFC)**
Dates	From May/2006 to December/2009
Main activities and responsibilities	**1-** Teaching the practical course of Fish Science and Wildlife : • Carrying out Fish examination, making wildlife Techniques • Collecting blood samples of Fishes and Wild Animal and

performing complete haemograph including:
- Total Leukocytes Count
- Total Erythrocytes Count
- Packed Cell Volume (PCV)
- Estimation of Haemoglobin Concentration
- Detection of blood parasites in stained films
- Detection of trypanosomes and microfilariae in unstained and Buffy-coat preparations
- Recognition of the indicative abnormalities for anaemia like hypochromia, poikilocytosis and anisocytosis in unstained preparations
- Studying of the morphological characters and the quality of erythrocytes in stained films
- Differentiation and identification of leukocyte types in stained films
- Erythrocyte Sedimentation Rate (ESR)

- Performing blood chemistry; estimation of the levels of
  - Plasma proteins (total protein, albumin, globulin)
  - Glucose
  - Creatinine
  - Urea
  - Bilirubin

- Estimating the levels of plasma or serum enzymes like:
  - ALT (Alanine Aminotransferase)
  - AST (Aspartate Aminotransferase)
  - LDH (Lactic Dehydrogenase)
  - ASP (Alkaline Phosphatase)
  - SD (Sorbitol Dehydrogenase)
  - GD (Glutamic Dehdrogenase)

- Testing serum samples for detecting antibodies against different infectious pathogens e.g. Rose Bengal Test for Brucellosis

- Collecting faecal samples and carrying out the following tests:
  - Macroscopic examination for detecting segments of tape worms and for detecting oxyuris species
  - Microscopic examination (direct smear, flotation and sedimentation methods)
  - Egg count (McMaster method)
  - Detecting different bacterial species that cause intestinal disturbances and diarrhoea

- Collecting urine samples and carrying out the following analyses:
  - Macroscopic examination (colour, odour, viscosity and clarity)
  - Microscopic examination to detect erythrocytes and crystals in urine deposits
  - Chemical examination (estimation of pH, detection of protein by acids, detection of sugar by Benedict's reagent, detection of bilirubin by iodine and detection of Ketone bodies by Rothera's crystals)

- Collecting skin scrapings for
  - Parasitological diagnosis (using potassium hydroxide for detection of mites)
  - Fungal diagnosis by using light microscope and by culturing

- Carrying out bacteriological and mycological diagnosis (isolation and identification) from a diverse of biological samples from animals

2- Teaching the practical course of wild animals diseases (demonstration of lesions by using coloured pictures)

3- Teaching the practical course of fish anatomy, physiology and diseases (fish dissection and demonstration of anatomy and lesions by using coloured pictures)

4- Coach tutorial activities

5- Supervision of students' tours and field visits which are important parts of the trainings offered to undergraduate students at the WFS, SUST

6- Leading students in their experiments of graduating Projects

3- Occupation or position held	**SUST Teaching Staff at the Department of Fish Science &Technology**
Dates	From January/2010 to date
Main activities and responsibilities	Teaching the course: Fish Technology Fish Nutrition Fish Physiology Rivers Fishes
Name and address of employer	Sudan University of Science and Technology (SUST), College of Animal Production Science & Technology (CAPST), Wehda Street, P. O. Box 204, Hilat Kuku, Khartoum North, The Sudan.
Type of business or sector	**Education, Research and Providing Community Services**

Education and Training

1- Visited schools

Primary Education	Al-Fashashoia Primary School for Boys
Dates	From 1988 to 1995
Title of qualification awarded	**Primary School Leaving Certificate**

Name and type of organisation providing education and training	Ministry of General Education (Governmental Organization)
Secondary Education	El-Fashashoia Secondary School for Boys
Dates	From 1998 to 2000
Title of qualification awarded	**Secondary School Leaving Certificate (Sudanese Certificate)**
Name and type of organization providing education and training	Ministry of General Education (Governmental Organization)

2- University Education

Name of the University Attended	**CVM, SUST**
Dates	From 2001 to 2005
Title of qualification awarded	**Bachelor of Wildlife& Fisheries Science (BWFS), Scand class – Division one honour, the top performance**
Principal subjects and occupational Skills covered	Fish Farm Management Fish Processing Wild Animal Behaviour & Control Fish &Wild Animal Microbiology Fish & Wild Animal Parasitology Zoonotic Diseases Laboratory Examination **Skills covered during conducting graduation project experiment were:** - Some behavioural Trails of Red Neck Ostrich Under captive Condition - Study The Ostrich Behaviour - Carrying out a. Total period Observations & behavioural activities b. Standing in the Sun c. Standing in the Shade d. Lying in the Sun e. Lying in the Shade f. Staying in the cage g. Display
Title of graduation thesis	Some behavioural Trails of Red Neck Ostrich Under captive Condition
Name and type of organization providing	Ministry of Higher Education and Scientific Research (Governmental Organization)

education and training

3- Postgraduate Education

Master degree

Name of the University or the High Institution	**Sudan University of Science and Technology (SUST), College of Graduate Studies and Scientific Research, the Sudan**
Dates	From January/ 2008 to December/ 2010
Title of qualification awarded	**Master of Fish Science and Technology(MFST)**
Principal subjects and occupational skills covered	**1- Principal Subjects or Basic Modules included in MTFST**

- **Fish Technology1**
- Fish handling and Post Harvest
- Change after death in fishes
- **Fish Production Model**
- World fish production from Natural habitat
- Aquaculture production
- **Fish Quality and Inspection**
- **Risk Analysis**
- Monitoring critical control point
- **Biotechnology**
- **Fish Technology2**
- **Fish Economics**
- **Remote Sensing**
- **Fishing Gear and Graft**
- **Biostatics**

2- **Occupational skills covered during M research project were mastering of**

- Developing a theme or an idea for a research project
- Proposal writing
- Managing a research project
- Determining the required sample size in a study with certain specific objectives
- Employing the appropriate sampling strategy and study design to attain the specific objectives of a certain study
- Collecting Fish samples for El Mawrada Fish Market
- Carrying out competitive Chemical Composition to the study fish
-Carrying out competitive Sensory evaluation to the study fish
- Reviewing of literature and developing a full thesis

- Data management, coding, importing and analysis using SPSS (descriptive statistics, univariate analysis using the ANOVA table test and multivariate analysis using logistic regression)

Thesis title: **Effect of Firewood and Sawdust on Chemical composition and Sensory Properties of Clarias sp Meat.**

Name and type of organization providing education and training: SUST

Personal Skills and Competences

Short courses and on-job trainings

1- University staff Development. May 2011. Sudan University of Science and Technology, College of Education. Course Focus: University staff Development studies.

2- Electronic Citizen (e-citizen) short course on basic computer skills, using internet and e-mail, access to on-line content and data search, access to on-line services, contributing content on-line and e-participation. At the Computer Centre, SUST, the Sudan, from 11/September to 4/October 2006, sponsored by SUST.

3- Wildlife Immobilization and Capture Training – (Wildlife Research Center May 2011, Dinder National Park).

4- Scientific Writing Skills. June, 2009. Sudan University of Science and Technology, College of Veterinary Medicine and Animal Production.

Languages

Mother tongue(s): **1- Arabic**

Other language(s)

Self-assessment

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
Deutsch	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

Social skills and competences: Good ability to adapt to multicultural environments, gained through my work at the university.
Good communication skills, gained through my work at the university, field.

Organisational skills and competences: Leadership (I led four students' tours and trained nine groups of students on how to carry out the laboratory work of their graduation projects beside to controlling tutorial activities), gained through my work at the university

Computer skills and competences

Good command of Microsoft Office tools (Word, Excel, and PowerPoint), gained through attending e-citizen short course, at the Computer and Information Technology Centre, SUST, the Sudan.

Good internet user, gained through attending e-citizen short course, at the Computer and Information Technology Centre, SUST, the Sudan and by practice.

Academic Affiliations

Member of Sudan Fisheries Society since June/2005
Member of Sudan Wildlife Society since May/ 2006

Supervision

BS.c. (Honurs): supervised 1 Honours degree dissertation.

Publications

1- H.M. Adam Sulieman, **F.A. Mohamed Ahmed** (2011). Effect of Firewood and Sawdust Smoke on Chemical and Physical Properties of Clarias Fish Meat. World's Vet.J.1 (1): 05 – 09.

2-**F.A.Mohamed Ahmed**, R.R. Mohamed Salih (2012). Some Behavioral Trails of Red Neck Ostrich under Captive Conditions. Online J.Anim.Feed Res., 2(3):249-252.

3-**F.A.Mohamed Ahmed**, R.R. Mohamed Salih (2012). Hematological Values and Body Measurement for Gazella dorcus, Reed buck, Water buck, Warthog. Accepted by World's Vet WVJ – 2 -01.

4-**F.A.Mohamed Ahmed**. (2012) Effect of Firewood and Sawdust Smoke on Sensory Properties of Clarias Fish Meat. Accepted by American Journal of Food and Nutrition AJFN-4196.

5-Ahmed SH, **Mohamed FA**, Yousif RA, Mohamed RR, (2012). Isolation of Fungal Species From Oreochromis niloticus From two Environments. Accepted by International Journal of Biology, Pharmacy and Allied Science (IJBPAS). August, 2012.

6-Yousif,Ramzy.A,**Mohamed,Fawzi.A**,Salih,R.R.(2012).Evaluation of the Impact of Dinder National Park Project on the local community in Dinder Area, Sudan, Accepted in Pakistan journal of Wildlife, June (2012). 6 pp.

7-Yousif, Ramzy. A, **Mohamed, Fawzi. A**, (2012).Trends of Poaching, livestock Trespassing, Fishing and Resource collection from 1986 – 2010 in Dinder National Park, Sudan, Submitted in Journal of Veterinary Science & Technology (JVST).

8.Yousif,Ramzy.A,Ibrahim,M.T,Mahgoub,F.T,**Mohamed,F.A**,(2012). Abundance and Mayas preference and distribution of Mammals in Dinder National park Sudan, Submitted in (JVST).

References

1- Dr. Samia Hamid Ahmed College of science and technology of Animal Production.
2- 2- Dr.Hassan Mohammed Adam Sulieman, Dean of Animal production for Science and Technology College.
3- 3- Prof. Ali Saad Mohammed College of science and technology of Animal Production.