

Curriculum Vitae

Horst Jürgen Schwartz
Diplom-Landwirt, Dr. sc. agr.
Professor emeritus in Livestock Ecology

21.11.1941	Born in Berlin, Germany
1947 - 53	Primary School
1953 - 61	High School
1961	High School Graduation
1961 - 64	Studies of Architecture, Technical University of Berlin
1965 - 66	Agricultural Practice
1966 - 70	Studies of Agricultural Sciences, Technical University of Berlin
1970	Final Degree Examination, Diplom-Landwirt (Equivalent to M. Sc.agric.sc.)
1970 - 75	Assistant Lecturer at the Department of Animal Production, Technical University of Berlin
1974	Ph.D. in Agricultural Sciences (Animal Science) at the Faculty of Agriculture, Technical University of Berlin
1975 - 77	Lecturer at the Department of Animal Production, Faculty of Veterinary Medicine, University of Nairobi, Kenya
1977 - 80	Project Leader of the UNESCO-MAB Research Programme "Traditional Livestock Management" in Marsabit District, Northern Kenya
1981 - 87	Senior Lecturer at the Department of Animal Production, Faculty of Veterinary Medicine, University of Nairobi, Kenya; simultaneously Project Leader of the "Small Ruminant and Camel Research Unit" of the University of Nairobi in Isiolo District, Kenya
1987 - 92	Professor (Biology of Livestock Production) at the Department of Animal Production, Faculty of International Agricultural Development, Technical University of Berlin
1992 -	Professor for Livestock Ecology at the Institute of Animal Science, Faculty of Agriculture and Horticulture, Humboldt-University of Berlin
April 2007	Retired
1987 -	Numerous Short-Term Studies and Consultancies in:
present	Kenya, Somalia, Puntland, Somaliland, Sudan, Ethiopia, Eritrea, Tunisia, Burkina Faso, Malawi, Tanzania, Ghana, Djibouti, Malaysia, Sri Lanka, Bahrain, Canary Islands, Turkey, USA, Israel, Canada, Scotland, Uganda, Cuba, The Gambia, Pakistan, Argentina

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| Courses Taught | <ul style="list-style-type: none"> • Ecology • Livestock Production Ecology • Ecosystems Analysis • Farming Systems • Sustainable Livestock Systems and Land Use • Biology and Management of Camelids • Bioclimatology and Livestock Environmental Engineering |
| Research Interests | <ul style="list-style-type: none"> • Livestock Production Systems in the Arid and Semi-arid Tropics • Rangeland Ecology and Rangeland Management • Grassland Utilisation under Nature Conservancy Restrictions • Resource Inventories and Land Use Planning for Extensive Livestock Production |

Until April 2007, when I retired, I was a Professor of Livestock Ecology in the Institute of Animal Sciences, Faculty of Agriculture and Horticulture, Humboldt University of Berlin. I graduated in agriculture from Technical University Berlin and obtained a PhD in animal behaviour from the same institution. In 1975 I joined the Department of Animal Production, Faculty of Veterinary Science, University of Nairobi, Kenya, as a DAAD supported lecturer in livestock ecology and management. In 1978 I became project manager of a UNESCO-MAB research project on pastoral livestock production in northern Kenya and rejoined University of Nairobi from 1981 - 87 in my previous function. In 1987 I was appointed professor of biology of livestock production in Technical University Berlin and gained my position at Humboldt University in 1992. From 1998 to 2004 I was Dean for International Relations at the Faculty of Agriculture and Horticulture, Humboldt University of Berlin.

I have been involved in research on the ecology, utilisation, and management of pastoral livestock production in the arid and semi-arid tropics, particularly in East Africa, the biology and ecology of camelids and small ruminants, and on the conflicts arising between nature conservancy interests and livestock farming both in Africa and in Europe. More recently I have placed more emphasis on environmental problems arising from livestock production such as the emission of greenhouse gases and the impact on global water resources.

I led and/or participated in curriculum development for MSc courses in Humboldt University, Makerere University of Kampala, Uganda, in the University of Namibia, and within an EU-Asia Link programme at the University of Agriculture Faisalabad, in Pakistan.

I am the author of two textbooks, many research papers and conference contributions, and the editor of several books and conference proceedings. I conducted courses at BSc and MSc level in Berlin and served as an external examiner at the Faculty of Veterinary Science, Makerere University of Kampala, and at the University of Agriculture Faisalabad, Pakistan. During the last ten years before retirement, I supervised 10 successful PhD students and well over 20 MSc students. Most of the successful PhD students are from tropical countries, in particular from Eastern Africa and South America.

I have served as a consultant to various international agencies (DAAD, GTZ, EU, World Bank, ISNAR), NGOs and consultant companies in numerous African, Asian, and Caribbean countries. Most of this work was related to research, education, and training in animal agriculture, veterinary medicine, and environmental matters. With few exceptions the work related to drylands or other marginal areas. Since my retirement I have conducted guest lectures and short courses at Columbia University New York, University of Agriculture Faisalabad, Addis Ababa University and University of Life Sciences in Prague. From 2002 to 2013 I served as an Institutional Development Consultant to the Sheikh Technical Veterinary School in Somaliland.

Until 2018 I was still teaching, during winter semesters, a mandatory course on "Livestock Ecology" for M.Sc. students in "Integrated Natural Resource Management" at Humboldt-University of Berlin.

More detail and a list of publications can be found on my website:

<http://amor.cms.hu-berlin.de/~h1981d0z/>

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