## Curriculum Vitae

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| **Personal information** | |
| First name (s)/ surnames | **Ermias Deribe Weldemariam** |
| Address (es) | |
| E-mail | |
| Date of Birth | |
| Place of Birth | |
| Nationality | |
| Gender | |
| Marital Status | |
| **Desired employment/ occupational Field** | **Research and Teaching at advanced level and working as a consultant on Environmental Issues** |
| **Employment History** | |
| Dates | August 2001 to August 2007 (6 years work experiences) |
| Occupation or position held | Lecturer |
| Main activities and responsibilities | Teaching and research (served as a Department Head for 3 years) |
| Name and address of employer | Faculty of Natural Sciences<br>Hawassa University<br>P. O. Box 5, Hawassa, Ethiopia<br>I have been working at Hawassa University, as an Assistant Professor |
| Type of business or sector | Teaching and Research |
| **Education and training** | |
| Dates | Oct. 2012 |
| Title of qualification award | **PhD** |
| Principal subjects /occupational Skills covered | Environmental Chemistry and Ecotoxicology<br>**Title of the thesis:** Bioaccumulation and human health risk assessment of selected persistent organic pollutants and mercury in fish species from Ethiopian Rift Valley Lakes (Koka, Ziway and Awassa), Ethiopia<br>**Trial lecture:** Human Risk Assessment of Environmental Contaminants in Food; Methods and Approaches in General by using Dioxins as an Example |
| Name and type of organisation Providing education and training | The Norwegian University of Life Sciences/UMB, Norway |
| Dates | Aug. 2001 |
| Title of qualification award | **M. Sc** |
| Principal subjects /occupational | Ecological and systematic Zoology |
| Name and type of organisation Providing education and training | Addis Ababa University, Addis Ababa , Ethiopia |
| Dates | May, 1995 |
| Title of qualification award | **B.Sc** |
| Principal subjects /occupational | Major: Biology, Minor: Chemistry |
| University | Addis Ababa University, Addis Ababa, Ethiopia |

**Professional Qualifications**
Certifications and Accreditations
Computer Skills

Certificate in Introduction to Computer Science
Institution: African Virtual University (AVU), Addis Ababa Ethiopia
Competent with MS offices and experience with Minitab and Sigma Plot Programs
TOEFL Certified, Simula research laboratory: Communicating Scientific research
UMB: Scientific Writing in English
UMB: Certificate on Dissection for Ecotoxicologica Studies

Mother tongue(s) Amharic
Other language(s) English

**Awards**

1. Nufu Scholarship: Norwegian Program for Development, Research and Higher Education Norway (NUFU); Project ID: NUFU PRO 2007/10115. a project on *Environmental Impact Assessment and Management of Lake Resources.*
2. DIF/World Bank funded Project Award: Establishment of Zoological Museum at Debub University.

**Selected publications**

1) SOS Sahel Ethiopia (2014). Environmental and Social Impact Assessment of Point and Non-point sources and Identifying cost effective mitigation measures to bring down concentrations of pollutants that enter Lake Hawassa, a study report, 103 pp. by a research team: Girma Tilahun Yimer, **Ermias Deribe Weldemariam**, Solomon Sorsa Sota, and Zinabu Gebremariam Woldesenbet
2) Deribe, E., Rosseland, B.O., Borgstrøm, R., Zinabu, GM., Dadebo, E., Skipperud, L., Salbu, B., Eklo, O.M. (2014). Organochlorine Pesticides and Polychlorinated Biphenyls in Fish from Lake Awassa in the Ethiopian Rift Valley: Human Health Risks. Bull Environ Contam Toxicol 93:238-244. DOI 10.1007/s00128-014-1314-6.
3) Deribe, E., Alemayehu, E.M., Gade, P.A, Siri, B., Rosseland, B.O., Borgstrøm, R., Dadebo, E., Eklo, Zinabu, GM, O.M., Skipperud, L., Salbu, B., (2014). Bioaccumulation of Mercury in Fish Species from the Ethiopian Rift Valley Lakes. Iinternational Journal of Environmental Protection Jan. 2014, Vol. 4 Iss. 1, PP. 15-22. http://www.ij-ep.org/paperInfo.aspx?PaperID=15228
4) Deribe, E., Rosseland, B.O., Borgstrøm, R., Salbu, B., Zinabu, GM., Dadebo, E., Skipperud, L., Eklo, O.M (2013). Biomagnification of DDT and its metabolites in four fish species of a tropical lake. Journal of Ecotoxicology and Environmental Safety 95 10–18. http://www.sciencedirect.com/science/article/pii/S0147651313001085
5) Deribe, E., Rosseland, B.O., Borgstrøm, R., Salbu, B., Gebremariam, Z., Dadebo, E., Norli, H.R., Eklo, O.M. (2011). Bioaccumulation of persistent organic pollutants (POPs) in fish species from Lake Koka, Ethiopia: The influence of lipid content and trophic position. Science of the Total Environment 2011; 410–411: 136-145. http://www.ncbi.nlm.nih.gov/pubmed/21978619
6) Norli, H.R., Christiansen, A., Weldemariam, E.D. (2011). Application of QuEChERS method for extraction of selected persistent organic pollutants in fish tissue and analysis by gas chromatography mass spectrometry. Journal of Chromatography A 1218 (41), 7234–7241. http://www.ncbi.nlm.nih.gov/pubmed/21899854
7) Ermias Deribe , Afework Bekele and M. Balakrishnan (2008). Population Status and Diurnal Activity Patterns of the Common Warthog (Phacochoerus africanus) in the Bale Mountains National Park, Ethiopia. International Journal of Ecology and Environmental Sciences 34 (2): 91-97, 2008 © NATIONAL INSTITUTE OF ECOLOGY, NEW DELHI.

## Proceedings/ papers presented on scientific conferences/ symposia/ workshops

1) Deribe, E., and Eklo, O.M. The importance of trophic position in biomagnification of DDT and its metabolites in Fish Species of a Rift Valley Lakes, Ethiopia. 'Presented in the smposium on **6th International Toxicology Symposium 29th August 2014 at Johannesburg , SA** for a platform presentation session. http://aa.vetmed.hokudai.ac.jp/en/2014/04/post-1071.html
2) ICES 2014 3rd Science One International Conference on Environmental Sciences, Deira Dubai, United Arab Emeritus :Program Technical Committee. http://thescienceone.com/ices/committees.php
3) Deribe, E., Rosseland, B.O., Borgstrøm, R., Zinabu, GM., Dadebo, E., Skipperud, L., Salbu, B., Eklo, O.M. Level of organochlorine pesticides in fish species from Lake Awassa in the Ethiopian Rift-Valley (2009–2010) and implications in dietary exposure. 'Presented in the conference on **Pesticides Behavor in Soils, Water and Air 2-4 September 2013 at York, UK** for a platform presentation in the session on **Pesticides in developing countries.** http://www.york.ac.uk/conferences/yorkpesticides2013/newprog.htm#_Pesticides_in_developing
4) Deribe, E. 2009: Persistent Organic Pollutants (POPs) Analysis:Result In Fish Community Of Lake Koka, Ethiopia Co:mmunicating Scientific research: Simula School of research and Innovation, Oslo, 9-11 March, 2009: http://simula.no/education/ssri/communication-workshop/Simula%20seminar%20A4%20-2.pdf

## Professional Memberships

Environmental Toxicology and Chemistry (SETAC)
Member of Biological Society of Ethiopia (BSE)
Member of Ethiopian Wildlife and Natural History Society (EWNHS)
Member of The Ethiopian Fisheries and Aquatic Sciences Association (EFASA)

## Research interests

As an assistant professor and researcher I would like to involve students in research that addresses human-environment interactions through vigorous, science-grounded activities. My teaching experience has been rich and varied in the area. I served as a department head for 3 years and contributed for the expansion of the department and currently, I am working as a module team leader of Ecotoxicology and Environmental Health. In addition, I am developing graduate courses in environmental health and ecotoxicology. Throughout my carrier I have got the opportunity to work with national and international senior scientists in the area. I revised many papers as a reviewer in peer-review journals.

## Key responsibilities:

- Involve students in research that addresses human-environment interactions
- Teaching and supervising graduate students in his area
- Developing graduate courses in environmental health and ecotoxicology.
- Consulting projects related to the environment.
- Developing EIA-documents for several projects.

## My main interest of research area

- the fate of pollutants in the aquatic environment,
- the effects of contaminants on freshwater biota, and
- Rrisk assessment of chemicals: persistent organic pollutants and heavy metals on the environment and human health.

## References

Ermias Deribe, Addis Ababa, March, 2015