

CURRICULUM VITAE

1. PERSONAL DATA

Name: Asha M. Hamdun
Nationality: Tanzanian
Department: Aquatic Environment and Fisheries (DASF)
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Specialization: Environmental Chemistry

2. EDUCATION

Qualification	Dates	Universities/Colleges/Schools
PhD (Chemistry, Biology and Marine Science)	2011-2017	University of the Ryukyus, Japan
M.Sc. (Chemistry, Biology and Marine Science)	2001-2003	University of the Ryukyus, Japan
B.Sc. (Chemistry and Microbiology)	1997-2000	University of Dar es Salaam, TZ
Form Six Certificate (PCB)	1994-1996	Msalato Sec. School, Dodoma, TZ
Form Four Certificate	1990-1993	Mawenzi Sec. School, Kilimanjaro

3. ACADEMIC POSTS HELD AT THE UNIVERSITY OF DAR ES SALAAM

Post	Dates
Lecturer	April 2017 - Present
Assistant Lecturer	Feb 2005– March 2017

4. POSTS HELD OUTSIDE THE UNIVERSITY OF DAR ES SALAAM

Post	Dates
Deputy Quality Control Manager (Tanzania Pharmaceutical Industries, Arusha)	September 2004–January 2005

5. AWARDS

- Japanese Government Scholarship (Mombusho): 2001-2003 (Japan)
- James Raphael Mainoya Prize: Best student in 3rd Year Degree in Microbiology Examinations, 2000.
- JSPS RONPAKU (dissertation PhD) program: 2011-2015 (Japan)

6. RESEARCH

Study of the photochemical formation of oxidants in the sea surface microlayer in Okinawa, (2015-2017)
Study on the behavior of ozone forming nitrogen compounds in the gas and aerosols. PhD research project (2011-2015)
Photochemical activity of seawater contaminated with red soil in the northern part of Okinawa Island M.Sc. Research Project (2001-2003).

7. SELECTED SHORT COURSES, CONFERENCES, SEMINARS, AND WORKSHOPS

- Attended 49th Annual Meeting of the Geochemical Society of Japan, September 26-28, 2002, Kagoshima, Japan.
- Attended 3rd Meeting of Asia Pacific Co-operation for sustainable use of Renewable Resources in Biosphere Reserves and similarly Managed areas (ASPACO), 1-6th Oct. 2002, University of the Ryukyus, Okinawa, Japan.
- Attended short training on Deep Sea Environment, Global Oceanographic Data Center (GODAC) Okinawa, Japan, 21st May, 2003.
- Attended 99th Meeting of Japan Earth and Planetary Science, Chiba, Japan, May 26th -29, 2003.
- Attend radiation safety training, UWO, Human resources, Occupation health and safety, London, Ontario, Canada, October 4-6th 2006
- Attend and completed comprehensive Workplace Hazardous materials Information System WHMIS Training, UWO, Human resources, Occupation health and safety, London, Ontario, Canada, October 16-17th 2006

8. CONFERENCE PRESENTATION

- **Hamdun, A. M.**, K. Okada, H. Fujimura, T. Arakaki, H. Taira, Photochemical activity of seawater contaminated with red soil in the northern part of Okinawa, Goldschmidt Conference, Poster presentation, Okayama (2003).
- Arakaki, T., H. Fujimura, **A. M. Hamdun**, K. Okada, H. Kondo, A. Tanahara, T. Oomori H. Taira, Simultaneous Measurement of Hydrogen Peroxide and Fe species (Fe(II) and Fe(tot)) in Okinawa Main Island Seawater - Impacts of Red Soil Pollution, The East China Sea 4th International workshop on the oceanography and fishery in the east China sea, Oral Presentation, Okinawa (2003).
- Arakaki T., **A.M. Hamdun**, K. Okada, Y. Kuroki, H. Ikota, H. Fujimura, and T. Oomori, Photochemical Formation of Hydroxyl Radical in Red-Soil-Polluted Seawater in Okinawa, Japan - Potential Impacts on Marine Organisms, AGU 2004 Fall Meeting, Poster Presentation, San Francisco, California, U.S.A. (2004).

9. PUBLICATIONS

9.1. Publications in Refereed Journals

- 9.1.1. Arakaki, T., H. Fujimura, **A. M. Hamdun**, K. Okada, H. Kondo, and T. Oomori, Simultaneous Measurement of Hydrogen Peroxide and Fe Species (Fe (II)and Fe (tot)) in Okinawa Island Seawater: Impact of Red Soil Pollution, *Journal of Oceanography*, 61,pp. 561-568 (2005)
- 9.1.2. Hiroyuki Fujimura, Tomihiko Higuchi, Kazuyo Shiroma, Takemitsu Arakaki, **Asha Mansour Hamdun**, Yoshikatsu Nakano, Tamotsu Oomori, 2008. Continuous-flow complete-mixing system for assessing the effects of environmental factors on colony-level coral metabolism, *J. Biochem. Biophys. Methods* 70, 865-872 (2008)
- 9.1.3. Arakaki, T, **A. M.**, **Hamdun**, M.Uehara, and K. Okada, Photochemical Formation of Hydroxyl Radical in Red- Soil -Polluted-Seawater on the north of Okinawa island, Japan, *Water, Air and Soil Pollution*, 209, 191-198 (2010).
- 9.1.4. Hamdun, A.M., Arakaki T., Analysis of ground level ozone and nitrogen oxides in the city of Dar es Salaam, and Rural areas of Bagamoyo, Tanzania , *Open Journal of Atmospheric pollution*, 4, 224-238, (2015). DOI: [10.4236/ojap.2015.44019](https://doi.org/10.4236/ojap.2015.44019).

- 9.1.5. **Hamdun A.M.**, Higaonna, Y., Uehara, M., Arakaki T., Role of the Fenton Reaction in Coastal Seawater Samples Collected in Okinawa, Chem. Letters., 46, 42-44, (2017)

CERTIFICATION: I, the undersigned certify that, to the best of my knowledge and belief, this Curriculum Vitae correctly describes qualifications, my experience and myself.

Signature:

May 28, 2018