

Curriculum Vitae

DR. REGINALD VICTOR

Professor

Specialization: Aquatic Ecology & Environmental Science

Department of Biology, College of Science

Sultan Qaboos University

Sultanate of Oman

1. **PERSONAL INFORMATION**

Nationality : Indian
Date of birth : 25 March 1950
Marital status : Married
Child: 1 daughter

2. **EDUCATIONAL QUALIFICATIONS**

1979	Ph D	University of Waterloo	Waterloo, Canada
1976	M Sc	University of Waterloo	Waterloo, Canada
1971	M Sc	Madurai University	Madurai, India
1969	B Sc	Madurai University	Madurai, India

3. **PROFESSIONAL EXPERIENCE**

University Teaching: 46 years since 1971
Postdoctoral Research: 38 years since 1979
High level Administration: 20 years since 1993

Teaching

1993-present	Full Professor, Sultan Qaboos University, Oman
1989-1993	Associate Professor, Sultan Qaboos University, Oman
1981-1989	Senior Lecturer, University of Benin, Nigeria
1980-1981	Lecturer, University of Benin, Nigeria
1979-1980	Post –doctoral Fellow, University of Waterloo, Canada
1975-1979	Graduate Teaching Assistant, University of Waterloo, Canada

1973-1974 Lecturer, American College, Madurai University, India
1971-1973 Assistant Lecturer, American College, Madurai University, India

Courses taught (after 1989 in Oman only)

Undergraduate Courses: Foundation Biology (1000 level), Consolidation Biology (2000 level) Non-vascular plants (also as Phycology, 3000 level). Field Course in Biology (now defunct at 4000 level), Freshwater Biology (5000 level), Biological Data Handling (4000/5000 level), Research Project I and Research Project II (5000 level), Ecological Restoration, Desert Biology (5000 level)
Coordinator: Non-vascular plants, Freshwater Biology, Biological Data Handling and Research Projects I & II, Desert Biology, Special Topics: Ecological Restoration

Postgraduate Courses: Water Pollution Control (6000 level), Environmental Management and Analysis (6000 level), Environmental Statistics (= Biostatistics, 6000 level), Environmental Science (6000 level)

Coordinator: All postgraduate courses taught. Ph.D Program Coordinator

Commitment to Teaching: Taught up to 3 – 4 courses per year even while holding administrative positions like HoD Biology and Director, CESAR from 1993 – 2009.

Course evaluations: Good to Excellent depending on the quality of students.

Reputation: Very popular non-Arabic speaking professor with a reputation of being a tough task master; appreciated by good students.

Supervision: Popular research project supervisor at undergraduate level and a supervisor in demand at postgraduate level; publishes research papers even with undergraduate research students.

1980 -1989 (Nigeria)

A wide variety of undergraduate and postgraduate courses including Invertebrates, Fish Biology, Ecology, Advanced Limnology, Applied Limnology, Biostatistics.

Supervision: Very popular research supervisor. See Research Supervision below for details.

Administration

2010-2013 Dean of Research

- 2000-2010 Director, Center for Environmental Studies and Research
(CESAR), Sultan Qaboos University, Oman
- 1993- 2000 Head, Department of Biology, College of Science, Sultan
Qaboos University, Oman

Member of several important committees at the University and College levels.

See list below:

2000- Present

- Member, Committee on Policies for Organizational Structure at SQU (2016)
- Member, College Promotion Committee (2014-2016)
- Chairman, College of Science, Best Researcher Evaluation Committee (2014)
- Member, Executive Committee, OAAA University Accreditation (2014-present)
- Member, DVC's Committee on Research Incentives (2010-2013)
- Chairman, Committee on Appeals against University Academic Promotions Committee, UAPC for 2011 cases (2012)
- Chairman, Committee establishing Research Cadre at SQU (2009-2013).
- Chairman, Committee for the procurement of a Marine Research Vessel (2011- 2014)
- Member, Academic Council, Sultan Qaboos University (2010-2013).
- Member – Academic Publications Board, Sultan Qaboos University (2010-2013).
- Member – Research Board, Sultan Qaboos University (2010-2013).
- Member – Dean's Forum (2010-2013)
- Focal Point for SQU – The Research Council, Sultanate of Oman (2010-2013).
- Coordinator: Committee documenting History of Research at SQU including comprehensive Annual Reports (2009 -2013).
- Member: Committee formulating regulations for research publications awards (2009-2013).
- Member: Committee for the planning of Research Centre Buildings (2009 –2013).

- Member and Presenter: Committee reviewing Environmental Research at SQU and delivered a presentation to HE the Minister of Environment and his experts (2009).
- Member: Postgraduate Board of Studies (Inception-2009)
- Member: Panel interviewing candidates for Research Chairs of TRC (2009).
- Chairman: Inter-ministerial Committee considering the recommendations of the international Mountain Conference held at SQU, February 2008 (2009 –2012).
- Member: College of Science Promotions Committee (2009 -2010).
- Member: College of Engineering Professorial Promotions Committee (2004 – 2006; 2008-2013).
- Chairman: College of Science External Relations Committee (2008-2010)
- Member: College of Science Postgraduate Studies Committee (2007-2010 and 2014 - present).
- Coordinator – M.Sc Environmental Science Program at College of Science (2008-2010).
- Member – Committee on the Revision of Research Regulations (2007-2008).
- Member- Committee on Appeals against University Academic Promotions Committee, UAPC (2006-2008).
- Member- Committee on Appeals against SQUH Promotions Committee (2006–2008).
- Member- Committee on Revision of Regulations for Visiting Researchers (2007-2008).
- Member: Ad Hoc College of Science Committee for the selection of best researcher award (2007 -2009; 2013- 2014)
- Member: Steering Committee, Water Research Center (2005 –2013).
- Member: Advisory Committee for the establishment of SQU Science Park (2005 -2006).
- Member, Steering Committee, Coastal Zone Management Project, SQU (2004 –2008).

- Member – Committee reviewing research proposals for HM’s Strategic Research Grants (2005 –2013)
- Chairman – CESAR Technical Committee (2000 –2010)

1993-2000

- Head, Department of Biology, Sultan Qaboos University, Oman.
- Acting Dean, College of Science for brief durations on several occasions.
- Chairman, Board of Studies for Medical Laboratory Science.
- Chairman, Environmental Science Steering Committee.
- Member, College of Science Board of Studies.
- Member, Departmental Curriculum Committee.
- Member, Advisory Committee for Department of Earth Sciences.
- Member, University Animal Ethics Committee.
- Member, Task Force for Medical Laboratory Science Programs Ministry of Health, Oman.
- Member, Committee for Pollution Control, Ministry of Regional Municipalities and Environment, Oman.
- Member, Department Curriculum Committee (1993-2003).
- Member, Electron Microscope Users Committee (1990-1994).
- Member, Environmental Science Advisory Committee (1992-1994).
- Secretary, Senior Advisor’s Comm. for the Univ. Strategic Plan (1998).
- Member, Employment Affairs Review Committee (1998).
- Member, Committee for the Proposed Center for Environmental Studies at SQU (1999).
- Chairman, Terrestrial and Freshwater Biodiversity. Sub-Committee of the National Committee for Biodiversity Strategy and Action Plan, Ministry of Regional Municipalities and Environment, Muscat (1999-2000).
- Member, Final Drafting Committee, National Committee for Biodiversity Strategy and Action Plan, Ministry of Regional Municipalities and Environment, Muscat (2000).
- Member, Scientific Research Subcommittee 5 Year Plan, SQU (2000).

Research Projects Supervised

- i. B Sc Biology: 53 student research projects (1980 -1988 Nigeria; 1989 – present Oman).
Subject areas: Stream and reservoir ecology, thermal streams, pollution studies, fish biology, conservation ecology, ecotoxicology, food science environmental evaluation, monitoring wastewater lagoon and enzyme production using biological wastes (feather and used cooking oil)
- ii. M Sc (Hydrobiology/Fish Biology): 9 theses.
Subject areas: Ecology of stream macrobenthos with special reference to pollution problems, feeding ecology of freshwater fish, aquaculture, riverine fish communities, ecology of copepods and freshwater snails.
- iii. M Phil (Hydrobiology/Fish Biology): 2 theses.
Subject area: Ecology of floodplain fisheries in the Niger delta.
- iv. M Sc (Environmental Science): 5 theses.
Subject areas: Environmental impacts of mountain reservoirs in northern Oman.
Biological and chemical indicators of environmental stress due to salinization in the agricultural lands of Sur, Oman.
Diesel contamination of a mountain stream in Oman.
The status of olive woodlands in Jabal Akhdar.
Ecology of a hot spring in northern Oman.
Heavy metal contamination Sohar Industrial area.
Ecosystem connectivity in Bar-al- Hikman mudflats, Oman.
Status of heavy metals in natural ecosystems: I. Qurm mangrove, Muscat.
Multifunctionality of green golf courses in arid zones- Al Mouj, a case study- Part 1. Ecology
Bird community changes at Al Ansab Wetlands, Muscat, 2009 – 2017.
M.Sc (Biology): 2 theses.
Subject area: Phytochemistry of two Omani plants, *Verbascum cedreti* and *Adenium obseum* with special reference to their toxic properties and medicinal applications.
- v. M.Sc. (Biology): Co-supervision 5 theses

Subject area: Phytochemistry of alkaloids, applied microbiology related to drinking water quality; fish pathology due to pesticide exposure; bar coding of Oman Birds; Protease production using fish wastes; barcoding of shorebirds in Oman.

- vi. Ph D (Hydrobiology/Fish Biology/Ecology/Environmental Science): 9 theses.

Subject areas: The fisheries ecology of a floodplain river (Nigeria).

Phytoplankton and primary productivity of a man-made lake (Nigeria).

Ecology of prawns in an estuarine river (Nigeria).

Zooplankton dynamics in a tropical river (Nigeria).

Limnology of aquatic ecosystems in a tropical rainforest (Nigeria).

Freshwater Ostracoda of Maharashtra with special reference to northwestern Ghats (India).

Ecology of juniper woodlands in Al Jabal al Akhdar.

Solid waste management in Al Jabal al Akhdar (in progress).

Survey of aquatic macrophytes in northern Oman mountains and the role of physico-chemical and biotic factors influencing their ecology (in progress).

Copper contamination in old mining areas of northern Oman (in progress).

Pharmaceuticals and Personal Care Products (PPCP) in the treated sewage effluents and their impact on agricultural produce (in progress)

Salient Features

- i. Ability to teach a wide range of subjects in Biology, Ecology and Environmental Science.
- ii. Extensive experience in guiding research projects at undergraduate and postgraduate levels.
- iii. Competence in teaching Applied Biostatistics and Environmental statistics, crucial subjects in contemporary biology and environmental science curricula. Thirty-eight (38) years of experience in teaching this subject to masters and doctoral students as well as postgraduate medical doctors preparing for fellowship examination in Nigeria, United Kingdom and Oman.

- iv. Competence to organize academic programs and multi-disciplinary research in Environmental Science.
- v. Experience in coordinating national and international committees on environmental issues.
- vi. Experience in organizing international conferences in Environmental Science.
- vii. Expertise as a University administrator

External Examiner/Assessor

1987- Present

- Eight M.Sc./M Phil theses in hydrobiology/fish biology at Ahmadu Bello University, Zaria, Nigeria; University of Port Harcourt, Port Harcourt, Nigeria.
- Five Ph D theses in benthic biology, fish biology, aquaculture and stream ecology at University of Port Harcourt, Nigeria; Bharathidasan University, India, Madras University India, Manonmanium Sundaranar University, India and University of Technology Sydney, Australia.
- Two M Sc theses from CAMS at SQU.
- Member – Ph D Panel of External Examiners, Bharathidasan University, India.
- Member – Panel of External Assessors for promotions to higher academic posts, Universiti Putra Malaysia, Kuala Lumpur, Malaysia; University of Sabah, Kota Kinabalu, Malaysia.
- External Assessor for Academic promotions - King Saud University, Riyadh, Saudi Arabia; University of Benin, Benin City, Nigeria.
- External Assessor for Postgraduate program evaluation – Arab Gulf University, Bahrain (2015)

Research Experience

- i. 1989 to date (See Section 6 Current Research
SQU interests).
- ii. 1980-1989 Respiratory physiology of pulmonate snails;
Nigeria Humidity reactions of agricultural and stored food product insect pests; Conservation associated

- research projects in Okomu Forest Reserve, Bendel State; Pollution studies in Nigerian streams; Studies on potential fish and arthropod predators of mosquito larvae; Feeding ecology of freshwater fish; Fish communities of rivers and floodplains in the Niger delta; Freshwater ostracods of West Africa-systematics, ecology and biogeography.
- iii. 1975-1979
Canada Systematics, ecology and biogeography of freshwater Ostracoda—India and Southeast Asia for graduate work; Sri-Lanka, Hawaii, South Pacific, North America as extra interest; Leaf decomposition studies in freshwater ponds; Cytotaxonomy and meiotic mechanisms in freshwater copepods; Ostracods from quaternary lacustrine deposits of the Great Lakes Region in Ontario, Canada.
- iv. 1971-1974
India Ecology of freshwater wells; Rotifer diversity; Temperature tolerance in Crustacea; Respiratory physiology of Coleoptera and Mollusca in relation to activity rhythms.

Research Grants (Oman only)

- The Research Council (TRC), Oman -Remote sensing and geospatial data analysis of Barr Al Hikman intertidal ecosystem: Implications of cascading predator-prey effects in a pristine sea-grass based food web. TRC Ref: ORG/EBR/12/002.PI. Dr. Andy Kwarteng, Co-PI: Prof R. Victor; Commencement date: September 2013. R.O. 139,700 (U.S \$ 360,426).
- Switzerland Development Council Grant, Switzerland for regional coordination of MENA Mountains – Development of proposals towards Rio+20 (2011-2012): US\$ 100,000
- Earthwatch Grant for Research on the ecology of juniper woodlands in Al Jabal al Akhdar (to support a PhD student) (2013). Earthwatch, Oxford, UK. R.O. 11,710 (U.S.\$ 30,212)

- HM's Strategic Research Grant : Al Jabal al Akhdar Initiative – Conservation and Sustainable Development in a fragile Arid Mountain Ecosystem in northern Oman: Total amount approximately: R.O. 66,000 (U.S.\$ 170,280)
- Three internal grants (1) Reservoir Limnology in Mountains (1994-1995). (2) Oman Bird Records Data Base (2002-2003) (3) Environmental Evaluation of Thermal Streams in Northern Oman (2009): Total amount approximately: R.O 15,000 (U.S.\$ 38,700).

Collaboration with International Scientists

- i. Dr J Margraf, Universitaet Hohenheim, Stuttgart, W Germany. - *Philippine Rice field Ostracoda* (1980 – 1986).
- ii. Dr M Rybecky, Sloveriske' nar. Museum, Bratislava, CSSR. – *the genus Strandesia*. (1980 – 1990)
- iii. Dr D K Harshey, Zoological Survey of India, Jabalpur, India. *Ostracoda of Central India* (1984 -1989).
- iv. Professor C H Fernando, Biology Department, University of Waterloo, Ontario, Canada. *All ostracod inquiries on Southeast Asia* (1974 –2000).
- v. Dr D S Brown*, British Museum (Natural History), Cromwell Road, London, UK. *Freshwater Mollusca* (* diseased).
- vi. Mr. C B Powell*, Department of Zoology, University of Port Harcourt, Port Harcourt, Nigeria. *Fish community ecology in the Niger delta; matters concerning diversity of stream fauna in Nigeria* (*diseased).
- vii. Dr H J Dumont, Laboratoria voor Morfologie en Systematiek, Rijsuniversiteit Gent, Gent, Belgium. *Zooplankton and Dragonfly Systematics in Oman* (1989 -1993).
- vi. Drs M A Paul and Sunny George, Christ College, Irinjalakuda, Kerala, India - *South Indian Ostracoda* (1986 -1989).
- vii. Dr Alain Thiery, Laboratoire de Biologie Animale – Hydrobiologie, Universite d'Avignon, Avignon, France, *Phyllopoda of Oman* (1996-1999).
- viii. Prof. Ralph Stock*, University of Amsterdam, the Netherlands – *Groundwater fauna in Oman* (1993 *diseased).

- ix. Professor John Lemons, University of New England, Maine, USA. *Environmental Science, Sustainability and Integrity issues* (1993 –2010)
- x. Professor John Oates, Department of Anthropology, Hunter College, City University of New York, New York, USA. *Sustainability and development issues in rainforests* (1984 –2010)
- x. Professor T. Wooldridge, Department of Zoology, Nelson Mandela University (formerly University of Port Elizabeth), Port Elizabeth, South Africa. *Mysids of Oman and Western Indian Ocean*. (2002-2010)
- xi. Professor F. Baerlocher, Department of Biology, Mount Allison University, Sackville, Canada. *Leaf decomposition studies in a mountain stream in Oman*. (2006 –2010)
- xii. Dr Nkechi E. Onyedineke, School of Science, Federal University of Technology, Owerri, Imo State, Nigeria. *Freshwater Ostracods of Nigeria*.(1989 –2000)
- xiii. Dr Ming Wang, Department of Environmental Engineering, Safety and Health, Hungkuang University, Shalu, Taichung County, Taiwan. *Wastewater treatment in Oman – sludge quality issue and risk analysis*. (2008 –2011)
- xiv. Dr. Kalpana Pai, Department of Zoology, Biodiversity Division, University of Pune, Maharashtra, India. *Freshwater Ostracoda of Maharashtra, India* (2009 –2012)
- xv. Mr. Dominic Harmer, Haya Water Company, Al Ansab, Oman. *Construction of artificial wetlands – capacity building for bird conservation and wetland management* (2008 –2010)
- xvi. Mr. Boonsong Kongsook, University of Khon Kaen, Northern Thailand – *SEM studies on Oman Freshwater Ostracoda* (2006- 2010)
- xvii. Mr. Jim de Fouw, and Mr, Roeland Bom and Dr. Raymond Klassen, Royal Netherlands Institute of Sea Research (NIOZ) and University of Groningen, The Netherlands - Ecology and conservation of migratory and resident shore birds at Bar Al Hikman, Sultanate of Oman (2007 – present)
- xviii. Dr Masakazu Suzuki, Department of Biology, Shizuoka University, Shizuoka, Japan – Ecology of alkaline streams in Oman with special reference to macrobenthic invertebrates (2009-2013).

- xix. Dr S. Ragnathan*, Zoological Survey of India, Chennai, India – Indian ostracod systematics (1993-2007; * retired)
- xx. Prof. La Orsri Sanoamung, Khon Kaen University and Maharakam University, Thailand – Freshwater Ostracods of caves in Thailand and Vietnam (2012).
- xxi. Dr Y. Shinde, Department of Zoology, Modern College, Pune, Maharashtra, India – Freshwater Ostracoda of Maharashtra (2009 – Present)
- xxii. Dr. Warren Aston, Brisbane, Australia – Biodiversity studies in Khor Kharfot, Dhofar Governorate (2013 –2016)

Involvement with International Organizations/Societies/Journals

- External Reviewer for Postgraduate Programs in Biology and Environmental Studies, Arabian Gulf University, Bahrain (2015)
- Member, Editorial Board, Applied Ecology and Environmental Research, an International Scientific Journal (JCR – Thomson-Reuters listed)
- Participant: Earthwatch UK-SQU Oman strategic research project on woodland conservation and restoration in the western Hajar Mountains, Sultanate of Oman (2011-present)
- Regional coordinator- MENA Mountain Regions- proposals for the Mountain Agenda leading to Rio +20 process (2011-2013)
- FAO Mountain Partnership Secretariat, Rome, Italy (2009-2013)
- Mountain Research Institute, University of Bern, Switzerland (2008-2013)
- Switzerland Development Corporation (SDC), Bern, Switzerland (2009-2013)
- Member, Editorial Board for Gulf Research Center Publications, Dubai (2006 – present).
- Member, Advisory Board for the international monograph series Fauna of Arabia (2005 – 2009).
- Reviewer for the international journal Hydrobiologia (2005 – present).
- Reviewer for the International Journal of Environmental Studies (2007 – present).
- Member, Steering Committee, GEF/TWNSO Project “Promoting Best practices for the conservation and sustainable use of biodiversity of global significance in arid and semi-arid zones” (2003 – 2005).

- Regional Coordinator. GEF/TWNSO Project “Promoting Best practices for the conservation and sustainable use of biodiversity of global significance in arid and semi-arid zones” (2001- 2004).
- Member, Editorial Advisory Board of the Journal of Aquatic Ecosystem Health (2002 – 2004)
- Reviewer for the proposed integrated Biology undergraduate program in the University of Qatar (1997).
- Reviewer for the Journal of the University of Kuwait (Science) – 1994.
- Editorial advisor for the international journal ‘Tropical Freshwater Biology’ (1993-present).
- Reviewer for papers submitted to international conferences on Environmental issues in the Gulf region (1993-present)
- Fellow, Linnean Society, London, UK (1981-1990).
- Correspondent for Nigeria - ‘Cypris’ International Ostracod Newsletter. Ed. Dr K Wouters, Brussels, Belgium (1983-1985).
- Member, Fisheries Society of Nigeria (1987).
- International Development Research Council (Canada), Fisheries Division, collaborated with the Senior Program Coordinator Dr. Howard Powles at Dakar for the floodplain fisheries research in Northern Bendel, Nigeria (1988).
- Reviewer for the international journal ‘Environmental Pollution’, UK on manuscripts dealing with effects of pollution on stream macrobenthos (1988-present).
- Editor-in-chief of an international journal ‘Tropical FreshwaterBiology’ (1987-1993).
- Member of the scientific team, University of Benin Division - COMARAF, UNDP/UNESCO Project; responsible for evaluating fish and benthic fauna in Bendel Delta, Nigeria (1987-1989).
- Member, scientific team appointed by the Federal Government of Nigeria for investigating the water hyacinth problem in Southern Nigeria (1986-1989).
- Member, North American Benthological Society, USA (1983-1990)
- Member, Crustacean Society, Smithsonian Institution, Washington DC 20560, USA (1982-1990).
- Instructor-Indo-British Nuffield Summer Institute in Biology for University teachers held at Madurai University, Madurai, India (April-May 1974).

Consultancies Held

- Honorary Consultant for developing a proposal to establish a Chair for Biodiversity in Dhofar University (2012 –2014)
- Lead consultant – Workshop on Environmental Impact Assessment – Centre for Community Services and Continuing Education and Centre for Environmental Studies and Research (CESAR), Sultan Qaboos University.
- Serves as an honorary consultant for projects undertaken by the Ministry of Environment in the area of Biodiversity Conservation and reviews Environmental Impact Assessment Reports as requested by SQU (2000 – present).
- Reviewer, Master Plan for controlling groundwater pollution in Oman (1999).
- Coordinator, SQU – the study of Khawrs and Springs in the Southern Region for the Planning Committee on Development and Environment in the Dhofar Governorate, Oman (1993).
- Associate Senior Lecturer in Biostatistics, Faculty of Pharmacy, University of Benin, Benin City, Nigeria (1981-1989).
- Consultant Biostatistician, Department of Child Health, University of Benin Teaching Hospital, Benin City, Nigeria (1980-1989).
- Honorary consultant for freshwater Ostracoda - WHO (World Health Organization) Research Unit in Vector Pathology, Memorial University of Newfoundland, St John's, Newfoundland (1977-1981).

4. ADMINISTRATIVE EXPERIENCE PRIOR TO OMAN

Nigeria, University of Benin

1981-1988	Postgraduate Coordinator, Zoology, Department of Biological Science
1981-1982	Examination Officer, Zoology, Department of Biological Sciences
1981-1989	Member, Faculty Postgraduate Committee, Faculty of Science
1982	Assistant Secretary, Local Organizing Committee, Science Association of Nigeria (SAN) Conference, Benin, April 1982
1982-1983	Chairman, Course Review Committee, Department of Zoology Responsible for revision of brochure for undergraduate program and production of brochure for postgraduate program Officer-In-Charge of Demonstrators, Department of Zoology
1983-1984	Officer-In-Charge for the Stores, Department of Zoology
1984-1989	Zoology Representative in Faculty Research Grant Committee

1985-1987 Chairman, Committee for the Investigation of Examination Malpractices
Faculty of Science

Canada, University of Waterloo

1978-1979 Member, Board of Directors, Graduate Club (= Graduate Student Union)
Member, Presidents' Advisory Committee on Inter-Collegiate Athletics
Funding

Member, Executive Committee, Indian Students Association

1979-1980 President, Graduate Student Union

Member, President's Advisory Committee on Graduate Support

India, American College

1969-1970 Assistant Secretary, Entomology Association

1969-1971 Secretary, Entomology Association

1969-1972 Vice-President, Zoology Association

1972-1973 President, Zoology Association

5. **AWARDS AND DISTINCTIONS**

1976 Alumni Gold Medal Winner for the best graduating M.Sc student, University of
Waterloo (http://alumni.uwaterloo.ca/alumni/awards/gold/medals_past.html).

1979 Alumni Gold Medal Winner for the best graduating Ph D in the University of
Waterloo. (http://alumni.uwaterloo.ca/alumni/awards/gold/medals_past.html).

1981 Elected as Fellow of the Linnean Society, April 1981

1981 Alexander von Humboldt Fellow-elect, West Germany, 1980

6. **RESEARCH INTERESTS**

- i. Ecosystem connectivity and Wader ecology in Barr al Hikman, Oman.
- ii. Integrated Mountain Management – Analysis of mountain ranges in the MENA region and development of the proposal for addressing the Mountain Forum in Rio+20.
- iii. Conservation and restoration of juniper and olive woodlands in the western Hajar mountains of Oman
- iv. Biodiversity conservation and sustainable development in arid mountain ecosystems, especially the western Hajar and the Al Jabal Akhdar domain.
- v. Ecology, biology of *Aphanius dispar* (Pisces: Cyprinodontidae) with emphasis on applied aspects concerning the control of mosquito larvae in

- Oman; *A. dispar* as indicator in ecotoxicological investigations.
- iii. Ecology of warm springs and thermal and other perennial streams/springs in Oman with reference to water quality, pollution and faunal bioindicators.
 - iv. Ecology of mountain reservoirs with special reference to environmental impacts; macroinvertebrate ecology; zooplankton dynamics; production dynamics.
 - v. Systematics, ecology and biogeography of Arabian Ostracoda, Copepoda and Cladocera.
 - vi. Ecology of Khawrs and Ayns in Dhofar, the Southern Oman with emphasis on the conservation of these ecosystems; macroinvertebrates in coastal lagoons.
 - vii. Environmental impacts associated with salinity increase in farmlands.
 - viii. Ecology of groundwater ecosystems in Oman.
 - ix. Traditional sustainability with special reference to aquatic ecosystems.
 - x. Ecology of Arabian Charophytes.
 - xi. Indian Ocean Mysidacea.
 - xii. Freshwater Ostracoda of India and Southeast Asia
 - xiii. Birds of Oman

7. **THESES**

- The taxonomy and distribution of the freshwater ostracods (Crustacea: Ostracoda) of Malaysia, Indonesia and the Philippines. Ph D thesis, University of Waterloo, 1979.
- A taxonomic study of the freshwater ostracods (Ostracoda: Crustacea) of the Indian subcontinent. M Sc thesis, University of Waterloo, 1976.

8. **RESEARCH PUBLICATIONS**

(see List of Publications at the end)

8. **CONFERENCES (after 1989 only)**

- 2016 Workshop on Environmental Risk Assessment at Lady Doak College, Madurai sponsored by United Board for Christian Higher Education in Asia (UBCHEA), August 2016
- 2016 Workshop on the production of teaching manual for Environmental Education at Lady Doak College sponsored by United Board for Christian Higher Education in Asia (UBCHEA), August 2016

- 2014 Workshop on Environmental Impact Assessment at Lady Doak College, Madurai sponsored by United Board for Christian Higher Education in Asia (UBCHEA), 9-12 July 2014.
- 2013 International Symposium on Biotechnology and Conservation of species from arid regions, February 10-13, Sultan Qaboos University, Muscat.
- 2012 Many Species, one planet for posterity. International Conference on Science, Society and Sustainability. 11-13 January 2012, Lady Doak College, Madurai, India.
- Faculty Workshop on “Carbon Footprinting”, Centre for Environmental Studies. 12 July 2012, Lady Doak College, Madurai, India.
 - Symposium on Environmental Problems in the Arab World. Meeting the Challenge of Sustainable Development. 26-28 February 2012., Sultan Qaboos University, Oman.
 - Workshop on Freshwater Invertebrates of Southeast Asia. Biodiversity and Origin. 30 July – 4 August 2012, Mahasarakam University, Thailand.
- 2011 An International Conference on Oman as a Gravitational Centre in the Global Flyway network of Migratory Shorebirds. 14-16 November 2011, Sultan Qaboos University, Oman.
- Lucerne World Mountain Conference. Moving Mountains towards Global Sustainable Development. 11-12 October 2011, Lucerne, Switzerland.
 - International Symposium on Pastoralism in central Asia: Status, Challenges, and Opportunities in Mountain Areas. 13-18 June 2011, University of Central Asia, Bishkek, Kyrgyzstan. Invited as Patronage Member.
 - International Conference on Green Economy and Sustainable Mountain Development: Opportunities and Challenges in View of Rio+20 5-7 September 2011, Kathmandu, Nepal.
- 2010 INORMS 2010 Conference – Managing for Impact: New Approaches to Research and Innovation Management, Cape Town, South Africa, 11-15 April 2010
- Open Science Conference. Global change and the World’s Mountains, Perth +5. 26-30 September 2010, Perth, Scotland, U.K.
- 2009 Workshop on Environmental Impact Assessment for Environmental Engineers. Hungkuang University, Taichung County, Taiwan, November 2009.
- 2008 Mountains of the World – Ecology, Conservation and Sustainable Development International Conference held at Sultan Qaboos University, 8-12 February 2008.

- Environmental Education and Environmental Protection Technology Forum, Asia-Pacific Region. Hungkuang University, Shalu, Taichung County, Taiwan, R.O.C., 8-9 December 2008.
- 2006 The First International Conference on The State of the Gulf Ecosystem – Future and Threats, UAE University, Al Ain, UAE and The Aquatic Ecosystem health and management Society (AEHMS), Canada, 5-7 March 2006, Al-Ain, United Arab Emirates.
- Symposium on Environmental Pollution in Oman organized by State Council (Majlis Adwwala), 26-27 March 2006.
- 2005 Open Science Conference. Global change in mountain regions. 2-6 October 2005, Perth, Scotland, U.K.
- Green Gulf Workshop. GRC and TERI, 21 December 2005, Dubai, UAE.
 - The first interim workshop on Al Jabal Al Akhdar Initiative – Conservation and Sustainable Development in a Fragile Arid Mountain Ecosystem. CESAR, Sultan Qaboos University, 8-9 February 2006, Muscat, Sultanate of Oman.
- 2003 ECO SEMINAR (Environmental Awareness Seminar) Muscat Intercontinental Hotel, 10 February 2003
- International Conference on Implementing Programs to Conserve Biodiversity in Arid and Semi-Arid Regions in Developing Countries, 27-30 August 2003, Rabat, Morocco.
2002. Sultan Qaboos University, Muscat, Sultanate of Oman. UNEP/GEF/TWNSO Workshops.
- Promoting Best Practices for Conservation and Sustainable Development of Biodiversity of Global Significance in Arid and Semi-Arid Zones. 14-17 December, 2002 Cairo, Egypt.
- 2001 Conference of the Society for International Limnology (SIL), Melbourne, Australia, January 2001
- International Workshop- GEF/TWNSO Biodiversity Project, Trieste, Italy April 2001
 - Promoting Best Practices for Conservation and Sustainable Development of Biodiversity of Global Significance in Arid and Semi-Arid Zones. 21-25 April.
- 1998 Estuarine Research and Management in Developed and Developing Countries, joint ECSA and CERM Symposium, Port Elizabeth, South Africa, July 1998.

- Conference of the Society for International Limnology (SIL), Dublin, Republic of Ireland, August 1998.
 - African Fish and Fisheries Conference, FISH/PARADI Conference, Grahamstown, South Africa, September 1998.
- 1997 3rd Gulf Water Conference, Toward Efficient Utilization of Water Resources in the Gulf, Muscat, Sultanate of Oman, 8-13 March 1997.
- ICBCE 97 International Conference on Biology of Coastal Environment, University of Bahrain, State of Bahrain, 6-9 April 1997.
 - 3rd International Conference on Reservoir Limnology and Water Quality, Ceske Budejovice, Czech Republic, 11-15 August 1997.
- 1994 International Conference on Tropical Limnology commemorating the 65th Anniversary of the Thienemann-Ruttner Sunda Expedition, 4-9 July 1994. Salatiga, Indonesia.
- 1991 11th International Symposium on Ostracoda- Ostracoda in the Earth and Life Sciences, Warnambool, Victoria, 8-12 July.

10. REFEREES

- i. HE Dr. Ali Al Bemani, Vice-Chancellor, Sultan Qaboos University, P.O. Box 50, PC 123, Al Khod, Muscat, Sultanate of Oman.
- ii. Professor Amer Al Rawas, Deputy Vice-Chancellor, Postgraduate Studies and Research, Sultan Qaboos University, P.O. Box 50, PC 123, Al Khod, Muscat, Sultanate of Oman.
- iii. Professor Anton McLachlan, Director, International Relations Office, University of Sydney, Sydney, Australia (Retired. Contact e-mail available on request).
- iv. Professor J Lemons, Professor Emeritus, Department of Life Sciences, University of New England, 11 Hills Beach Road, Biddeford, Maine 04005-9577, USA (Retired. Contact e-mail sierran@icloud.com)
- v. Professor C.H. Fernando, Professor Emeritus, Department of Biology, Faculty of Science, University of Waterloo, Waterloo, Ont. N2L 3G1, Canada.
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- vii. Professor G A Gamlen, 10 Cambridge Road, Hale, Altringham, Cheshire WA15 9SY, United Kingdom.

- viii. Professor Fatimah Yousoff, Department of Biology, University Putra, Kuala Lumpur, Malaysia

LIST OF PUBLICATIONS IN CHRONOLOGICAL SEQUENCE

a. **Journals**

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5. **Victor, R. & Fernando, C.H. 1976.** Two new species of *Hemicypris* Sars 1903 from India. *Can. J. Zool.*, 54: 1806-1810.
6. **Victor, R. & Fernando, C.H. 1978.** Systematics and ecological notes on Ostracoda from container habitats of South Pacific Islands. *Can. J. Zool.*, 56: 414-422.
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11. **Victor, R., Chan, G.L. & Fernando, C.H. 1979.** Notes on the recovery of live ostracods from the guts of the white sucker (*Catostomus commersoni* Pisces; Catostomidae). *Can. J. Zool.*, 57: 1745-1747.
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b. **Books/Book Chapters/Publications edited**

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