

## Prof. Ogunlade R DAVIDSON



### ACADEMIC QUALIFICATIONS

- 1976 - 1979** Ph.D. Heat Transfer, University of Salford, England  
**1974 - 1975** M.Sc, Thermo-fluids, UMIST, University of Manchester, England  
**1968 - 1972** B.Eng. (Mech.) University of Sierra Leone

### PROFESSIONAL QUALIFICATIONS

- 1979** Corporate Member, Sierra Leone Institution of Engineers (**MSLIE**)  
Registered Professional Engineer, Sierra Leone (**P Eng**)  
**1985** Corporate Member, Nigerian Society of Engineers (**MNSE**)  
**1987** Fellow, University Research Council (**FRC**)  
**1991** Fellow, African Academy of Sciences (**FAAS**)  
**1993** Corporate Member, Institute of Energy, England (**M. Inst. E**)  
**1993** Chartered Engineer, CEI, England (**C. Eng**)  
**2001** Fellow, Sierra Leone Institution of Engineers (**FSLIE**)

### EXTERNAL ACADEMIC PROFESSIONAL ACTIVITIES

- External Examiner**, Masters Energy Programme, Kenyatta University, Kenya  
**External Examiner**, Undergraduate and Post-graduate Mechanical Engineering Department, University of Zimbabwe  
**External Examiner**, University of Science and Technology, Kumasi, Ghana  
**External Examiner**, Masters and Doctorate, Potchestrum University, South Africa  
**External Examiner**, Milton Margai College of Education, Sierra Leone  
**Reviewer**, Biomass and Bio-energy: An International Journal, England

**Reviewer**, Journal of Pure and Applied Sciences

**Member**, Editorial Board, OzonAction, UNEP IE Quarterly publication on the protection of the ozone layer and the Montreal Protocol, Paris, France

**Member**, Editorial Board, Journal of Pure and Applied Sciences, University of Sierra Leone

**Member**, Editorial Advisory Board, Climate Policy, Elsevier Science Ltd., England

**Member**, Publishers Advisory Board, Energy for Sustainable Development, Journal of the International Energy Initiative, Bangalore, India

**Member**, Scientific Advisory Board, International Environment Agreements: Politics, Law and Economics, Kluwer Academic Publishers, Netherlands.

### **BIOGRAPHICAL NOTE**

**Ogunlade R. Davidson** has been Professor of Mechanical Engineering since 1993 and is currently the Dean of Post-Graduate Studies at University of Sierra Leone. In 1985 he became the first Director of Research at the University of Sierra Leone. Between 1992 and 2000, he was Head of Department of Mechanical and Maintenance Engineering, and 1996-2000 was Dean of the Faculty of Engineering. Internationally, he is recently elected Vice-Chair of the Intergovernmental Panel on Climate Change (IPCC), and is the Co-Chair of Steering Committee of the Global Network on Energy for Sustainable Development (GNESD). Between 2000 and 2003 he was Professor and Director at the Energy and Development Research Centre (EDRC), of University of Cape Town, South Africa. While at University of Sierra Leone that joined in 1978 as a lecturer and later Senior Lecturer in 1983, he was Dean of the faculty of Engineering from 1996 -2000 and 2003-2005, Head of Department of Mechanical and Maintenance Engineering from 1993 -2000, and the first Director of Research of the University from 1985-1992. He was a Senior Fulbright Scholar at University of California, Berkeley in 1987, and MacArthur Scholar at Princeton University and Lawrence Berkeley Laboratory in USA in 1990-92. He has worked as visiting Professor at the University of Gothenburg, Sweden, ENDA-TM in Senegal, and Riso National Laboratory in Denmark. His research interests include African Energy Systems and Policies, Power sector reform, Renewable Energy policy, Climate Change-GHG Mitigation and National Climate Change strategy. He has been and still is a member of many international bodies He has worked as a Consultant in Energy, Technology, Climate Change and Environment for several national and international bodies including UNESCO, UNIDO, ILO, UNECA, UNDP, UNEP, GEF, UNFCCC, NEPAD, ADB, World Bank, Battelle laboratories and Carnegie Corporation New York. He has published over 300 books, chapters in books, journal articles, and conference papers and has undertaken many national and international funded R&D projects on Energy, Environment, Climate Change and Science and Technology Policy.