



Curriculum Vitae

Per Thomas ROSSWALL

Place and date of birth: Stockholm, Sweden 20 December 1941

Nationality: Swedish

Home address: 57, chemin du Belvédère, FR-06530 Le Tignet, France
Tel: (+33-4) 93 09 93 47
(+33-6) 30 48 77 98
Lilla Fiskaregatan 10, SE-222 22 Lund, Sweden
Tel: (+46-760) 19 16 78
E-mail: thomas.rosswall@gmail.com

BSc (microbiology) 1966; DSc (“docent”, soil ecology) 1984.

Major positions

Executive Director, International Council for Science (ICSU) (2002-2009)

Director, International Foundation for Science (2000-2001)

Professor, Water and environmental studies, Swedish University of Agricultural Sciences (2000-2009).

Rector (President), Swedish University of Agricultural Sciences (1994-2000)

Professor, Water and environmental studies, University of Stockholm (1992-1994, leave of absence 1994-2000)

Executive Director, The International Geosphere-Biosphere Programme: A Study of Global Change

(IGBP), The Royal Swedish Academy of Sciences, Stockholm (1987-1994; leave of absence 1992-1993)

Director, International START Secretariat, Washington, D.C. (1992-1993)

February 2013

Professor at the Department of Water and Environmental Studies, Linköping University, Linköping, Sweden (1984-1992, leave of absence 1987-1992)

Assistant Professor in Microbiology and Associate Professor in Soil Ecology, Swedish University of Agricultural Sciences, Uppsala (1980-1984)

Director, SCOPE/UNEP International Nitrogen Unit, Royal Swedish Academy of Sciences (1977-1980)

Science Secretary, Swedish Council for Planning and Coordination of Research (1975-1977)

Publications

Research in the areas of microbial ecology and biogeochemical cycling (especially carbon and nitrogen) with over 100 papers in refereed journals and more than 10 edited scientific books. Numerous articles in popular press, etc.

Editor-in-Chief, Ecological Bulletins (1975-1985), Member of the Editorial Boards (past or present) of Advances in Microbial Ecology, Biogeochemistry, Global Biogeochemical Cycles, Soil Biology and Biochemistry, Biology and Fertility of Soils, FEMS Microbial Ecology Journal, Landscape Ecology, MIRCEN Journal of Applied Microbiology and Biotechnology, European Journal of Soil Biology, Revista Estudos Avançados (USP, Brazil), Current Opinion in Environmental Sustainability.

Major national appointments

Chairman: Board of the International Meteorological Institute, Ministry of Education (1994-2001); International Planning Committee for Mistra “Biotech Food” (2009-2011); Mistra Council for Environmental Evaluation (2011-).

Secretary: Swedish International Biological Programme (IBP) Committee (1969-1974), Swedish Man and the Biosphere (MAB) Committee (1974-1975), Committee on Environmental Sciences of the Royal Swedish Academy of Sciences (1975-1977), Swedish Ecological Society Oikos (1975-1977).

Member: Environmental Committee, the Royal Swedish Academy of Sciences (1977-1995); Natural Resources Committee of the Swedish Council for Planning and Co- ordination of Research (1986-1992); Programme Committee for Energy Research, Swedish Natural Science Research Council (1986-1992); Advisory Committee on Global Environmental Problems, Swedish Ministry for Environment and the Swedish Ministry of Foreign Affairs (1987-1990); Swedish National Committee for Biology, the Royal Swedish Academy of Sciences (1988-1995); Swedish Board for Polar Research, Swedish Ministry of Education (1993- 1996); Scientific Council, Foundation for Strategic Environmental Research (1994-1997); Committee on Global Biogeochemical Cycles, Swedish Natural Science Research Council (1994-1999); Environmental Advisory Council, Ministry of the Environment (1995-2001); Board of the Swedish Institute for Ecological Sustainability (1999-2001); Board of the Swedish Foundation for International Cooperation in Research and Higher Education (2000-2004); Board, The Beijer Institute of Ecological Economics (2001- 2006); Board and Executive Committee, Stockholm Resilience

Centre (2008-2013); Reviewer collaboration between CGIAR and the Swedish University of Agricultural Sciences (2010); Member, Prize and Awards Committee, the Royal Swedish Academy of Agriculture and Forestry (2010-present); Member, Siani Advisory Board (2010-present); Member, NRML Advisory Committee, Swedish University of Agricultural Sciences (2009-present); Member, Committee on a Green Economy, the Royal Swedish Academy of Agriculture and Forestry (2013-2016); Member, Remote Sensing Committee, Swedish Space Board (2013-present); Member, Board, National Infrastructure Network of Terrestrial and Limnology Research Facilities, Swedish Research Council (2013-present).

Major international appointments

Secretary-General, SCOPE (1986-1988); Secretary (1979-1983) of the UNEP/Unesco/ICRO Panel on Microbiology; Chairman of the International Committee on Microbial Ecology (ICOME; 1980-1983); Member, Steering Committee for the Tropical Soil Biology and Fertility (TSBF) programme (1984-1987); Member, Special Committee for the International Geosphere-Biosphere Programme (IGBP) of ICSU (1987-1990) and the Scientific Committee for the IGBP (1990-1992); Member, Council of the International Cell Research Organisation

(1987-1991); Member, Advisory Committee for IIASA's Environment Programme (1988- 1990); Member, European Environmental Research Organisation (1990-1994); Member IIASA Steering Committee on Global Environmental Change (1992-1996); Member, Executive Committee, International Society for Tropical Ecology (1995-2004); Chairman, European Environmental Research Conference (1995-1998); Member, Board of Directors of NATURA (1995-2000); Member, International Scientific Advisory Board of UNESCO (1996-2001); Member, Executive Committee of the Interuniversity Conference for Agriculture and Related Sciences, ICA (1996-2000); Member, OECD Preparatory Committee on Global Issues within the Megascience Forum (1996-1998); Reviewer, Centre Commissioned External Review, CIAT, CGIAR (1999-2000); Member, Board of IBSRAM (2000-2001); Member, International Advisory Committee, Integrated Ecosystem Assessment of Western China (MAWEC) (2002-2005); Member, Board , Millennium Ecosystem Assessment (2002-2005); Member, Steering Committee for the International Assessment of Agricultural Science and Technology (2002-2005); Member, Advisory Board, International Society of Microbial Ecology (2005-present); Partner of the Resilience Alliance (2006- present); Member, Steering Committee, World Science Forum (2006-2009); Member, UNEP Informal Consultative Group for IPBES (2008-2010); Chair, Steering Committee for the CGIAR Challenge Program Program on Climate Change, Agriculture and Food Security (2009-2011), Advisor, Climate Response Fund (2009-present); Science Advisory Board, EU Joint Programming Initiative "Agriculture, Food Security and Climate Change (2010-present); Member, TWAS Membership Advisory Committee (MAC) in Biological Systems & Organisms (2010-2012) ; Chair, Independent Science Panel, CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS)(2011-2012). ; Chair, Review Committee of Climate Research, Norwegian Research Council (2011-2012) ; Member, Scientific Steering Committee, Earth System Science for Global Sustainability of the French National Research Agency (ANR)(2012).

Distinctions

Fellow, Academia Europaea (1989)

Fellow, Royal Swedish Academy of Sciences (1989)

Fellow, Royal Swedish Academy of Agriculture and Forestry (1995)

Fellow, Swedish Royal Patriotic Society (1996)

Fellow, Royal Academy of Arts and Sciences in Uppsala (1999)

Associate Fellow, The World Academy of Sciences (TWAS) (2002)

Fellow, World Academy of Arts and Science (2006)

His Majesty the King of Sweden Order of Merit 12th Grade with Serafim Ribbon (2000)

Medal of Academia Scientarium Fennica (2008)

Second Professor John Roger Porter Memorial Lecture, University of Bombay, India (1981)

First Industrial Memorial Lecture, Haarlem, the Netherlands (1989)

Fourth Hendrik De Waard Lecture, University of Groningen, the Netherlands (1990)

Natural Resources Ecology Laboratory's "Award of Excellence in Ecosystem Science", Colorado State University (2002)

Carl Gustaf Bernhard Lecture, the Royal Swedish Academy of Sciences (2003)

ISI Highly Cited Researcher (2003)

Honorary Member, World Academy of Young Scientists (2004)

Beijer Fellow, The Beijer Institute of Ecological Economics, Stockholm, Sweden (2007)