

Brief Curriculum Vitae

Per Thomas ROSSWALL

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

Nationality: Swedish

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Major positions

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

Director, International Foundation for Science (2000-2001)

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

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)

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

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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.

Major national appointments

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, 2000-present); Natural Resources Committee of the Swedish Council for Planning and Coordination 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, Stockholm University (2007-2010).

Chairman, Board of the International Meteorological Institute, Ministry of Education (1994-2001).

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-present); 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-present); Member, Advisory Board for Global Climate Change Curriculum Development, The H John Heinz III Center for Science, Economics, and the Environment, Washington, DC, USA (2007-present).

Distinctions

Fellow of Academia Europaea (1989)

Fellow of the Royal Swedish Academy of Sciences (1989)

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

Fellow of the Swedish Royal Patriotic Society (1996)

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

Associate Fellow of the Academy of Sciences for the Developing World, TWAS (2002)

Fellow of the World Academy of Arts and Science (2006)

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

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 (2007)

Medal of the Finnish Academy of Science and Letters (2008)