

Abbreviated **CURRICULUM VITAE** Jan 2011

Carl Folke

Date of Birth: June 26, 1955, Place of Birth: Stockholm, Sweden,
Married to Anne, children, Gustaf (26), Peder (23), and Carl-Johan (16)

POSITIONS

2007 Director, Beijer Institute of Ecological Economics, Royal Swedish Academy of Sciences (50%).
2007 Science Director, Stockholm Resilience Centre, a joint initiative of Stockholm University, Beijer Institute, Stockholm Environment Institute (50%)
1997-2007 Full Professor and Chair, Natural Resource Management, Department of Systems Ecology, Stockholm University. On leave since Feb. 2007.
1999-2006 Director, Centre for Transdisciplinary Environmental Research (CTM), Stockholm University.
1991-1996 Deputy Director, Beijer International Institute of Ecological Economics, Royal Swedish Academy of Sciences, Stockholm, Sweden.
1994 Docent in Natural Resource Management, Department of Systems Ecology, Stockholm University.
1991 2 month post doc. Boston University, Center for Energy and Environmental Studies.
1990 Ph.D. in Ecological Economics/Natural Resource Management, Department of Systems Ecology, Stockholm University, Stockholm, Sweden. Title: Evaluation of Ecosystem Life-Support: in relation to salmon and wetland exploitation, supervisor Professor Ann Mari Jansson.

SELECTED AWARDS AND SCIENTIFIC COMMISSIONS

Science Director of a major grant (>25 million US\$) to develop the new *Stockholm Resilience Centre* focusing on *sustainable governance and management of linked social-ecological systems*, supported by the Swedish Research Foundation MISTRA
Project leader of a *Centre of Excellence Grant* out of five from the Swedish Research Council Formas 2006-2010. The focus is on ‘resilience and sustainability – integrating research on social-ecological systems’, and a joint effort of the SU, Beijer Institute and SEI.
The 2004 Sustainability Science Award of the Ecological Society of America for the paper Scheffer, M., S. Carpenter, J. Foley, C. Folke, and B. Walker. 2001. Catastrophic shifts in ecosystems. *Nature*, vol. 413: 591-596. The award is given annually to the authors of the peer reviewed paper published in the past five years that makes the greatest contribution to the emerging science of ecosystem and regional sustainability through the integration of ecological and social sciences.
Pew Scholar in Conservation and the Environment 1995. The Pew Scholars Program was launched in September 1988, through grants from the Pew Charitable Trusts, USA. A three-year award of US\$150 000 is given to each of the 10 scholars selected annually. The other scholars in 1995 were Stephen Carpenter, Mac Chapin, Paul Dayton, Malcolm Hunter, Judith McDowell, Sandra Postel, Vo Quy, David Tilman, Ronald Trosper.

Selected scientific commissions

- Founding member and Chair of the Executive Committee of the Resilience Alliance www.resalliance.org 1999-
- Member of the Royal Swedish Academy of Sciences www.kva.se 2002-
- Member of the Environmental Research Committee of the Royal Swedish Academy of Sciences 2003-
- Board member Stockholm Environment Institute 2004-
- Scientific Advisory Board, South American Institute for Resilience and Sustainability Studies 2007-
- Scientific Committee of PECS (Program of ecosystem change and society), ICSU 2009-
- Associate Faculty of the Earth System Governance Project, IHDP, 2009-
- Advisory Board to The International Network of Research on Coupled Human and Natural Systems (CHANS-Net) 2009- www.chans-net.org
- Scientific Advisory Board, Swedish Secretariat for Environmental Earth System Sciences (SSEESS) 2010- www.kva.se/en/Science-in-Society/Environment-and-Climate/SSEESS/
- Scientific Advisory Board, the STEPS Centre 2010- www.steps-centre.org
- Steering Committee of the Centre for Climate Change Economics and Policy, Leeds University/London School of Economics 2009- www.cccep.ac.uk/
- Board member Beijer International Institute of Ecological Economics 2005-2006
- Member of the Science Council of the International Human Dimensions Programme on Global Environmental Change (IHDP) 2002-2007

Renewal of research project *Operationalising sustainability*
(Formas dnr. 25.3/2002-0496)

- Member of the Scientific Advisory Board of the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, California 2000-2003
- Officer/Secretary, International Society for Ecological Economics 1993-1996
- Secretary/Treasurer, International Society for Ecological Economics 1998-1999

Editor, Editorial and Advisory Board of scientific journals. Co-editor-in-chief *Ecology and Society* (www.ecologyandsociety.org) 2002-present. Advisory Board and Editorial Boards of 22 (currently 14) scientific journals including *Ambio*, *Conservation Biology*, *Ecological Economics*, *Ecosystems*, *Environment*, *Environmental Conservation*, *Environment and Development Economics*, *Environmental Innovation and Societal Transitions*, *Frontiers in Ecology and the Environment*, *Global Environmental Change*, *Sustainability Science*. Book Review Editor of *Ecological Economics* 1989-2002.

Swedish Research Councils

- Board member of the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS). 2001-2003, reelected 2004-2006. Time out 2005.
- Member of the Natural Resources and Environmental Committee of Sida/SAREC. 2000-2003
- Member of the Society and Economy Committee of the Swedish Council for Forestry and Agricultural Research (SJFR). 1994- 2000.
- Member Social Sciences Committee of the Swedish Environmental Protection Agency (NV). 1997-1998

SELECTED PUBLIC COMMISSIONS

- Scientific Committee, Volvo Environment Prize, 2008-
- Member, Environmental Advisory Council to the Swedish Government, 1991-1994, and various roles as advisor.
- Swedish Scientific Committee on Biological Diversity, appointed by the Swedish Government, 1994-1996 and United Nations Environmental Program (UNEP), several functions in relation to the Convention on Biological Diversity
- Founder of Albaeco, an Institute devoted to communicate to the general public information on interactions of ecosystems, institutions and the economy, www.albaeco.com.

SCIENTIFIC PUBLICATIONS

CF has published 12 books and more than 150 scientific articles and over 60 book chapters, including 15 articles in *Nature* and *Science* and in journals like *Annual Review in Ecology, Evolution and Systematics*, *Annual Review of Environment and Resources*, *Proceedings National Academy of Sciences, USA*, *Trends in Ecology and Evolution*, *Bioscience*, *Ecological Economics*, *Environmental and Resource Economics*, *Environment and Development Economics*, *Ecology and Society*, *Ecological Applications*, *Ecosystems*, *Global Environmental Change*, *Ambio*, *Philosophical Transactions of the Royal Society, London*, *Current Anthropology*, *Georgetown International Environmental Law Review*, etc.

CF is among the 10 most cited scientists worldwide in the area of Environment/Ecology among 3000 ranked scientists (Essential Science Indicators 2010). His articles have been cited in more than 9000 journal articles. Nineteen of CFs articles have been listed among the 1% most cited in their respective fields and eight of those among the top 0.1% (Essential Science Indicators). Currently CF has 30 publications >100 citations each (1000-100), h-index 43, and >20 of his publications have been reprinted in books and journals.

CF currently supervises 1 and serves as associate supervisor for 3 PhD-students; has supervised 10 and been associated supervisor for 10 PhD-students; has been in charge of the development of undergraduate and graduate courses on sustainability issues focusing on the dynamics between social and ecological systems. International scholars regularly participate as teachers in the courses.

CF has served as contributing lecturer at numerous courses at undergraduate and graduate levels in biology/ecology, economics, political sciences, environmental law, engineering at various Swedish universities and been invited to give lectures at several international courses abroad.

CF has organized several major international scientific conferences and workshops, the most recent in April 2008 - *Resilience 2008; Resilience, Adaptations and Transformations in Turbulent Times*; is in charge of the *Stockholm Seminar: Frontiers in Sustainability Science and Policy*; has given numerous invited plenary speaker presentations world wide; numerous public lectures, policy seminars and interviews in media. His research has been reported in many newspapers, radio and television, both in Sweden and internationally. Information on grants is available on request. A complete CV is available upon request.

See also; www.beijer.kva.se; www.stockholmaresilience.su.se; www.resalliance.org