

**Selected publications by area**

Carl Folke's work emphasizes that humans and our societies are embedded parts of the biosphere dependent on its life-supporting ecosystems, while simultaneously shaping them from local to global scales and from the past into the future. Since the mid-1980s he has broken new grounds in understanding the dynamic interplay of humans and nature, of economy and ecology, and developed research on social-ecological systems and resilience thinking from management and stewardship of ecosystem services in the seas and on the land to global sustainability. His work has illustrated how progress, prosperity and wellbeing in the Anthropocene will benefit from reconnecting development to the biosphere. A selection from some 300 publications in total are presented by area, with some overlap between areas.

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## Resilience thinking

- Folke, C. 2016. Resilience (Republished). *Ecology and Society* 21(4):44.  
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- Folke, C. 2006. Resilience: The Emergence of a Perspective for Social-Ecological Systems Analyses. *Global Environmental Change* 16: 253-267.
- Folke, C., S. Carpenter, T. Elmqvist, L. Gunderson, C.S. Holling, and B. Walker. 2002. Resilience and Sustainable Development: Building Adaptive Capacity in a World of Transformations. *Ambio* 31:437-440.
- Carpenter, S.R., C. Folke, M. Scheffer and F. Westley. 2009. Resilience - Accounting for the Noncomputable. *Ecology and Society* 14(1): 13.
- Chapin, F.S, III, G.P. Kofinas and C. Folke (eds.). 2009. *Principles of Ecosystem Stewardship: Resilience-Based Natural Resource Management in a Changing World*. Springer Verlag, New York. 401 pp.
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## Social-ecological systems and resilience

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- Folke, C., R. Biggs, A.V. Norström, B. Reyers, and J. Rockström. 2016. Social-Ecological Resilience and Biosphere-Based Sustainability Science. *Ecology and Society* 21(3):41.
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- Carpenter, S.R., C. Folke, A. Norström, O. Olsson, L. Schultz, B. Agarwal, P. Balvanera, B. Campbell, J.C. Castilla, W. Cramer, R. DeFries, P. Eyzaguirre, T. Hughes, S. Polasky, Z. Sanusi, R. Scholes, and M. Spierenburg. 2012. Program on Ecosystem Change and Society: An International Research Strategy for Integrated Social-Ecological Systems. *Current Opinion in Environmental Sustainability* 4:134-138.
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### **Complex Adaptive Systems**

- Levin, S., T. Xepapadeas, A.-S. Crepin, J. Norberg, A. de Zeeuw, C. Folke, T.P. Hughes, K. Arrow, S. Barrett, G. Daily, P. Ehrlich, N. Kautsky, K.-G. Mäler, S. Polasky, M. Troell, J. Vincent, and B.H. Walker. 2013. Social-Ecological Systems as Complex Adaptive Systems: Modeling and Policy Implications? *Environment and Development Economics* 18:111–132
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### **Ecological economics in general**

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- Folke, C. 1991. The Societal Value of Wetland Life-Support. In: Folke, C. and T. Kåberger (eds.). *Linking the Natural Environment and the Economy: Essays from the Eco-Eco Group*. Kluwer Academic Publishers. pp. 141-171.
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### **Culture, ecosystem services and resilience**

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### **Ecosystem management general**

- Chapin, F.S, III, G.P. Kofinas and C. Folke (eds.). 2009. *Principles of Ecosystem Stewardship: Resilience-Based Natural Resource Management in a Changing World*. Springer Verlag, New York. 401 pp.
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### **Biodiversity and resilience**

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### **Regime shifts and tipping points**

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- Österblom, H. and C. Folke. 2015. Globalization, Marine Regime Shifts and the Soviet Union. *Philosophical Transactions of the Royal Society London, Biological Sciences*. 370: 20130278.
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### **Marine ecosystem shifts and resilience**

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