

## Appendix A. Publications

### Books in progress (signed contracts)

Baker, S. and K. Eckerberg (eds.) *In Pursuit of Sustainable Development: New Governance at the Sub-National Level in Europe*. Routledge, Taylor & Francis Group, London.

Boyd, E. and C. Folke (eds.) *Governing Social Ecological Systems: Adapting to the Challenge of Global Environmental Change*. Cambridge University Press, Cambridge UK.

Chapin, T, G. Kofinas and C. Folke (eds.). *Principles of Natural Resource Stewardship: Resilience-Based Management in a Changing World*. Springer Verlag, New York.

Niemelä, J., J. Breuste, G. Guntenberger, N. McIntyre, T. Elmqvist and P. James (eds). *Handbook of Urban Ecology*. Oxford University Press.

Norberg, J. and G. Cumming (eds.). *Complexity Theory for a Sustainable Future*. Columbia University Press, New York.

Rickinson, M., C. Lundholm and N. Hopwood. *Environmental Learning. Insights from Research into the Student Experience*. Springer Verlag, Amsterdam.

Sörlin, S. and P. Warde (eds.), *Nature's End: Environment and History*. Palgrave MacMillan, London.

### Scientific articles 2007

Chapin, F.S. III, K. Danell, T. Elmqvist, C. Folke, and N. Fresco. 2007. Managing Climate Change Impacts to Enhance the Resilience and Sustainability of Fennoscandinavian Forests. *Ambio* 36:528-33.

Deutsch, L., S. Gräslund, C. Folke, M. Huitric, N. Kautsky, M. Troell and L. Lebel. 2007. Feeding Aquaculture Growth through Globalization; Exploitation of Marine Ecosystems for Fishmeal. *Global Environmental Change* 17:238-249.

Duit, A. 2007. Path Dependency and Institutional Change: The Case of Industrial Emission Control in Sweden. *Public Administration* 85: 1097-1118.

(4.) Elmqvist T., M. Pyykönen, M. Tengö, F. Rakotondraso, E. Rabakonandrianina et al. 2007. Patterns of Loss and Regeneration of Tropical Dry Forest in Madagascar: The Social Institutional Context. *PLoS ONE* 2(5): e402. doi:10.1371/journal.pone.0000402

Enfors, E. and L. Gordon. 2007. Analysing Resilience in Dryland Agro-ecosystems: A case study of the Makanya catchment in Tanzania over the past 50 years. *Land Degradation & Development* 18: 680 – 696.

Fabricius C., C. Folke, G. Cundill and L. Schultz. 2007. Powerless Spectators, Coping Actors, and Adaptive Co-Managers? A Synthesis of the Role of Communities in Ecosystem Management. *Ecology and Society* 12(1):29. [online] URL: <http://www.ecologyandsociety.org/vol12/iss1/art29>

Folke, C. 2007. Social-Ecological Systems and Adaptive Governance of the Commons. *Ecological Research* 22:14-15.

Folke, C., L. Pritchard, F. Berkes, J. Colding and U.

Svedin. 2007. The Problem of Fit Between Ecosystems and Institutions: Ten Years Later. *Ecology and Society* 12(1): 30. [online] URL: <http://www.ecologyandsociety.org/vol12/iss1/art30/>

Galaz, V. 2007. Water Governance, Resilience and Global Environmental Change: A Reassessment of Integrated Water Resources Management. *Water Science and Technology* 56: 1-9.

Gunderson, L. and C. Folke. 2007. Looking Forward, Looking Back. *Ecology and Society* 12(1): 32. [online] URL: <http://www.ecologyandsociety.org/vol12/iss1/art32/>

Gunderson, L., C. Folke, and M. A. Janssen. 2007. Reflective Practice. *Ecology and Society* 12(2): 40. [online] URL: <http://www.ecologyandsociety.org/vol12/iss2/art40/>

Hughes T.P., D.R. Bellwood, C. Folke, L.J. McCook and J.M. Pandolfi. 2007. No-Take Areas, Herbivory and Coral Reef Resilience. *Trends in Ecology and Evolution* 22:1-3.

Hughes T.P., L. Gunderson, C. Folke, A. Baird, D. Bellwood, F. Berkes, B. Crona, A. Helfgott, H. Leslie, J. Norberg, M. Nystrom, P. Olsson, H. Österbloom, M. Scheffer, H. Schuttenberg, R.S. Steneck, M. Tengö, M. Troell, B. Walker, J. Wilson, and B. Worm. 2007. Adaptive management of the Great Barrier Reef and the Grand Canyon World Heritage Areas. *Ambio* 36:586-592.

Jansson, Å. and J. Colding. 2007. Tradeoffs between environmental goals and urban development: The case of nitrogen load from the Stockholm County to the Baltic Sea. *Ambio* 36: 650-656.

Liu, J., T. Dietz, S.R. Carpenter, C. Folke, M. Alberti, C.L. Redman, S.H. Schneider, E. Ostrom, A.N. Pell, J. Lubchenco, W.W. Taylor, Z. Ouyang, P. Deadman, T. Kratz and W. Provencher. Coupled Human and Natural Systems. *Ambio* 36:639-649.

7. Liu, J., T. Dietz, S.R. Carpenter, M. Alberti, C. Folke, E. Moran, A.C. Pell, P. Deadman, T. Kratz, J. Lubchenco, E. Ostrom, Z. Ouyang, W. Provencher, C.L. Redman, S.H. Schneider, W.W. Taylor. 2007. Complexity of Coupled Human and Natural Systems. *Science* 317:1513-1516.

Olsson, P., C. Folke, V. Galaz, T. Hahn and L. Schultz. 2007. Enhancing the Fit through Adaptive Comanagement: Creating and Maintaining Bridging Functions for Matching Scales in the Kristianstads Vattenrike Biosphere Reserve Sweden. *Ecology and Society* 12(1): 28. [online] URL: <http://www.ecologyandsociety.org/vol12/iss1/art28/>

Österblom, H., S. Hansson, U. Larsson, O. Hjerne, F. Wulff, R. Elmgren and C. Folke. 2007. Human-induced Trophic Cascades and Ecological Regime Shifts in the Baltic Sea. *Ecosystems* 10:877-889.

(2.) Rockström, J., M. Lannerstad and M. Falkenmark. 2007. Assessing the Water Challenge of a New Green Revolution in Developing Countries. *Proceedings National Academy of Sciences USA (PNAS)* 104: 6253-6260.

Rockström, J. and J. Barron. 2007. Water Productivity in Rainfed Systems: Overview of challenges and analysis of opportunities in water scarcity prone savannahs. *Irrigation Science* 25:299-311

Savage, V., C. Webb and J. Norberg. 2007. A General Multi-trait-based Framework for Studying the Effects of Biodiversity on Ecosystem Functioning. *Journal of Theoretical Biology* 247: 213-229

(8.) Schultz, L., C. Folke and P. Olsson. 2007. Enhancing

Ecosystem Management through Social-Ecological Inventories: Lessons from Kristianstads Vattenrike, Sweden. *Environmental Conservation* 34: 140-152.

(6.) Tengö, M., K. Johansson, F. Rakotondrasoa, J. Lundberg, J.-A. Andriamaherilala, J.-A. Rakotoarisoa and T. Elmqvist. 2007. Taboos and Forest Governance: informal protection of hot spot dry forest in southern Madagascar. *Ambio* 36: 683-691.

Tittensor, D.P., F. Micheli, M. Nyström and B. Worm. 2007. Human Impacts on the Species-Area Relationship in Reef Fish Assemblages. *Ecology Letters* 10:760-772.

Worm, B., E.B. Barbier, N. Beaumont, J.E. Duffy, C. Folke, B.S. Halpern, J.B.C. Jackson, H.K. Lotze, F. Micheli, S.R. Palumbi, E. Sala, K.A. Selkoe, J.J. Stachowicz and R. Watson. 2007. Biodiversity Loss in the Ocean: How Bad Is It? Response. *Science* 316:1282-1284.

## Book chapters

de Fraturier C., D. Wichelns, J. Rockström, E. Kemp-Benedict, N. Eriyagama, L.J. Gordon, M.A. Hanjra, J. Hoogeveen, A. Huber-Lee and L. Karlberg. 2007. Looking Ahead to 2050: Scenarios of Alternative Investment Approaches. In: Molden D. (editor) *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. pp. 91-145. Earthscan, London.

Falkenmark M., C.M. Finlayson. L.J. Gordon, E.M. Bennett, T. Matiza Chiuta, D. Coates, N. Gosh, M. Gopalakrishnan, R.S. de Groot, G. Jacks, E. Kendy, L. Oyebande, M. Moore, G.D. Peterson and J.M. Portugez. 2007. Agriculture, Water and Ecosystems: Avoiding the Costs of Going too Far. In: Molden D. (editor) *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. pp. 233-277. Earthscan, London .

Folke, C., J. Colding, P. Olsson and T. Hahn. 2007. Integrated Social-Ecological Systems and Adaptive Governance of Ecosystem Services. In: Pretty, J., A. Ball, T. Benton, J. Guivant, D. Lee, D. Orr, M. Pfeffer and H. Ward (editors). *Sage Handbook on Environment and Society*, Chapter 37: 536-552. Sage Publications, London.

McCook L.J., P. Marshall, C. Folke, T. Hughes, M. Nyström, D. Obura and R. Salm. 2007. Ecological Resilience, Climate change and the Great Barrier Reef . In: *Vulnerability of the Great Barrier Reef to Climate Change*. The Great Barrier Reef Marine Park Authority (GBRMPA) and the Australian Greenhouse Office.

Olsson, P. 2007. The Role of Vision in Framing Adaptive Co-Management Processes: Lessons from Kristianstads Vattenrike ,SouthernSweden. In: Armitage, D., F. Berkes and N. Doubleday (editors). *Adaptive Co-Management: Collaboration, Learning, and Multi-level Governance*. Chapter 14: 268-285. UBC Press, Vancouver.

Rockström, J., N. Hatibu, T. Oweis, S. Wani, J. Barron, A. Bruggeman, Z. Qiang, J. Farahani and L. Karlberg. 2007. Managing Water in Rainfed Agriculture. In: Molden D. (editor) *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. Chapter 9: 315-348. Earthscan, London.

## Policy papers, reports and editorials

Boyd, E., Galaz, V., A-S Crepin, J. Norberg and P. Olsson. 2007. Klimat och resiliens - underlagsrapport till den

svenska Klimat- och sårbarhetsutredningen. [Climate Change and Resilience - expert report for the Swedish Government Inquiry on Climate and Vulnerability]. October.

Deutsch, L. 2007. Svensk mat som sätter internationella spår. chapter in: *Konsumtion i ett hållbart samhälle: Business as usual - eller måste vi ändra livsstil?* Formas Fokuserar nr. 12. In Swedish. The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas).

Deutsch, L. and J. Björklund. 2007. How Swedish is a Swedish Cow? How Swedish consumption and production of food is dependent on and affects ecosystems in Sweden and abroad. Kungliga Skogs- och Lantbruksakademien (KSLA) and SIDA.

Ekman, B., T. Ries, J. Rockström, Goda möjligheter bli vinnare, Svenska Dagbladet, Brännpunkt, 2007-03-25.

Ekman, B., C. Folke, C. Mossfeldt, J. Rockström. 2007. Vår Tids Största Utmaning. Svenska Dagbladet Brännpunkt. 2007-06-28.

Falkenmark, M. and V. Galaz. 2007. Agriculture, Water and Ecosystems. Swedish Water House Policy Brief Nr. 6. SIWI, 2007.

Folke, C. 2007. Vår Miljö: En Ödes- och Utvecklingsfråga. Nyhetsbrev Nr. 9 från Mistra, oktober 2007. p. 2.

Galaz, V. 2007. Klimat och politik, Essä Dagens Nyheter Kultur, 2007-03-14.

Galaz, V. 2007. Varning för klimatkrisens överraskningar, Essä Svenska Dagbladet Kultur, 2007-10-25.

Galaz, V. 2007. Jordens akilleshälar synas i komplexa system, Miljöforskning, nr 4, 2007.

Galaz, V., L. Gordon, F. Miller and G. Han. 2007. Water and Agricultural Systems under Stress: Avoiding Regime Shifts by Building Resilience in Policy and Institutions. Policy Report III, The Swedish Water House/Stockholm International Water Institute.

Larsen, R.K., F. Miller and F. Thomalla. 2007. Vulnerability in the Context of Post 2004 Indian Ocean Tsunami Recovery: Lessons for Building More Resilient Coastal Communities. A Synthesis of Documented Factors Contributing to Tsunami Related Vulnerabilities in Sri Lanka and Indonesia. SEI Risk, Livelihoods & Vulnerability Report, Stockholm Environment Institute, Stockholm, Sweden, December 2007, 44 pp.

Larsson, M., and T. Hahn. 2007. Tillväxt, välfärd och miljö. Tvärdrag nr. 1, 2007.

Larsson, M., A. Löf and T. Hahn. 2007. Local Organic Food System in Järna Ecosystem Management and Multilevel Governance in Agricultural Production GEM-CON-BIO Case Study Report.

Larsson, M. 2007. Trust, Social Capital and Community Development - A Case study of Environmental Entrepreneurs. Conference proceedings of International Sustainable Development Research Conference, Västerås, June 2007.

Lindgren, E. 2007. Klimat- och sårbarhetsutredningens betänkande Sverige inför klimatförändringar hot och möjligheter, SOU 2007:60, underlagsrapport om hälsoeffekter. M2007:60

Lundqvist, J., J. Barron, G. Berndes, A. Berntell, M. Falkenmark, L. Karlberg, and J. Rockström. 2007.

Water pressure and increases in food and bioenergy demand - implications of economic growth and options for de-coupling (ch. 3). Scenarios on economic growth and resource demand' Background report to the Swedish Environmental Advisory Council memorandum 2007:1

Olsson, P. 2007. Förvaltning av lokala fiskbestånd. In H Tunón, M Iwarsson, S Manktelow (eds) Människan och Faunan: etnobiologi i Sverige 3, pp. 380-381. Wahlström & Widstrand, Stockholm.

Olsson, P. 2007. Vattenriket i Världen. In M. Starendal (ed) Mat, råvaror, och energi: en kunskapsresa i Linnés anda, pp 91-97. Formas, Stockholm.

Olsson, P. 2007. The rich wetlands of Kristianstad. In M. Starendal (ed) Food, raw materials, and energy: a knowledge journey in the spirit of Linnaeus, pp 91-97. Formas, Stockholm.

Rockström, J., Berntell, A., Moulden, D., FN-rapport: Vattenbrist redan verklighet - och värre blir det, Göteborgs-Posten, debatt, 2007-03-21

## Publications in press

(5.) Bodin, Ö. and B. Crona. Management of Natural Resources at the Community Level: Exploring the Role of Social Capital and Leadership in a Rural Fishing Community. *World Development*.

Boyd, E. Navigating Amazonia under Uncertainty: Learning from Past and Present Forms of Environmental Governance. *Phil. Trans. Royal Society*.

Chopin T., S.M.C. Robinson, M. Troell, A. Neori, A. Buschmann and J.G. Fang. Ecological Engineering: Multi-Trophic Integration for Sustainable Marine Aquaculture. In: Jorgensen, S.E. (editor.), *Encyclopedia of Ecology*. Elsevier, Oxford.

Elmqvist, T and Tengö, M. Spontaneous Regeneration of Tropical Dry Forest in Madagascar In: Nagendra H and Southworth J (editors) *Forest Regeneration: Patterns and Processes*. Springer Verlag, Amsterdam.

Elmqvist, T., C. Alfsen and J. Colding. Urban Systems. In: Jorgensen, S.E. (editor), *Encyclopedia of Ecology*. Elsevier.

(10.) Galaz, V. and A. Duit. Governing Complexity: Emerging Challenges for Governance Theory. *Governance*.

Galaz, V., T. Hahn, P. Olsson, C. Folke and U. Svedin. The Problem of Fit Between Governance Systems and Environmental Regimes. In: Young, O., L.A. King and H. Schroeder (editors). *Institutions and Environmental Change: Principal Findings; Applications and Research Frontiers*, MIT Press, Boston.

(11.) Gordon, L.J., G.D. Peterson and E. Bennett. Agricultural Modifications of Hydrological Flows Create Ecological Surprises. *Trends in Ecology and Evolution*.

Gordon, L.J, E. Enfors. Land Degradation, Ecosystem Services and Resilience of Smallholder Farmers in Makanya catchment, Tanzania. Book Chapter prepared for the Comprehensive Assessment book "Reversing the Trends in Land and Water Degradation".

Lundholm, C. 2008. Discourse, Cause and Change: A Study on Economics Students' Conceptions of Child Labour. In Öhman, J. (Ed.) *Ethics and Democracy in Education for Sustainable development*. Contributions from Swedish Research. Stockholm: Liber.

(3.) Mäler, K.-G., S. Aniyar and Å. Jansson. Accounting for Ecosystem Services. *Proceedings National Academy of Sciences, USA*

Milly, P.C.D., J. Betancourt, M. Falkenmark, R.M. Hirsch, Z.W. Kundzewicz, D.P. Lettenmaier, R.J. Stouffer. 2008. Stationarity is Dead: Whither Water Management. *Science* 319:573-574.

(9.) Olsson, P., C. Folke and T.P. Hughes. Navigating the Transition towards Ecosystem-Based Management of the Great Barrier Reef Marine Park, Australia. *Proceedings National Academy of Sciences, USA*

Robertson-Andersson, D.V., M. Potgieter, J. Hansen, J. Bolton, M. Troell, R.J. Anderson, C. Halling and T. Probyn. Integrated Seaweed Cultivation on an Abalone Farm in South Africa. *Journal of Applied Phycology*.

Rockström, J., P. Kaumbutho, J. Mwalley, A.W. Nzabi, M. Temesgen, L. Mawanya, J. Barron, J. Mutua and S. Damgaard-Larsen. Conservation Farming Strategies in East and Southern Africa: Yields and Rain Water Productivity from On-Farm Action Research. *Soil & Tillage Research*.

Sörlin, S. Essay review: Sharon E. Kingsland. *The Evolution of American Ecology, 1890-2000*. Baltimore, MD: Johns Hopkins University Press: 2005, and other works on the modern history of ecology. *Lychnos*.

Troell, M. Integrated Marine and Brackish Water Aquaculture in Tropical Regions: Research, Implementation and Prospects. *FAO Technical Report*. 76 p.

## Master theses of the Stockholm Resilience Centre

During the year the Ecosystem, Governance and Globalization programme has produced 17 master theses and the Sustainable Enterprising program 14 master theses.

## Appendix B. Partnerships

The Stockholm Resilience Centre collaborates with a great number of international research partners including:

### Resilience Alliance

ARC Center of Excellence for Coral Reefs Studies, James Cook University, Australia

The research group on social-ecological resilience at University of Alaska Fairbanks, USA

The Fenner School of Environment and Society, Australian National University, Australia

Nelson Institute for Environmental Studies and the Center for Sustainability and other groups at University of Wisconsin, USA.

Oxford Centre for the Environment, University of Oxford, UK

Ashoka Trust for Ecology and the Environment (ATREE), Bangalore, India

Institute for Economic Growth, Dehli

Tyndall Centre, University of East Anglia, Norwich, UK

Center for the Study of Institutional Diversity and School of Human Evolution and Social Change, Arizona State University, USA

CSIRO, Canberra and Townsville, Australia

SARAS, South American Institute for Resilience and Sustainability, Montevideo, Uruguay

Potsdam Institute for Climate Impact Research, PIK, Germany

Department of Environmental Sciences, Wageningen University, The Netherlands

Natural Resources Institute, University of Manitoba, Winnipeg, Canada.

Gund Institute for Ecological Economics, University of Vermont, USA

International Geosphere-Biosphere Program, (IGBP)

International Human Dimension program on Global Environmental Change (IHDP)

Earth Systems Science Program (ESSP)

Governance for Sustainable Development program at the Donald Bren School of Environmental Science and Management, USA

School of Earth Science and other groups at Stanford University, USA

Sustainability Science Initiative and Clark University, USA

UNESCO, Ecological and Earth Science and Man and the Biosphere Program MAB

University of Cape Town, South Africa

Rutgers University, USA

International Institute for Environment and Development, IIED, UK

Several CGIAR institutes, particularly IWMI, ICRISAT and ICRAF.

The SEI research network Sumernet (Sustainable Mekong Research Network) that includes research institutions in the Mekong river basin.

## Appendix C. A selection of presentations

### Scientific presentations

UK-India Young Scientists Networking Conference on Extreme Weather Events in the Context of Climate Change, British Council, New Delhi, India, Boyd, E., Invited speaker, Talk title: ‘Cultural interpretations of floods in UK and India in 2007’, November.

Conference Adaptive and Integrative Water Management (CAIWA), Basel, Switzerland, Folke, C. Plenary presentation, November.

McGill School of the Environment Speaker Series, Gordon, L. Invited speaker. “Water, food and ecosystem services:

Building resilience of agricultural landscapes”, November.

ECPR (European Consortium for Political Research), Pisa, Italy, Olsson, P., Duit, A. paper presentations, September.

IGBP 20 year anniversary, Stockholm, Rockström J., “Adaptation and Sustainable Development”, September.

Ecological Society of America, Symposium on “Tipping points in the biosphere: Water, agriculture and resilience”, Gordon, L., Invited speaker, “Human modification of green water flows: Influencing tipping points in ecosystems” August.

European Society for Ecological Economics (ESEE), Leipzig, Germany, Folke, C. Plenary presentation, June.

Centre for the Environment, workshop Resilience, Realities and Research in African Environments, Oxford University, Folke, C. Invited pres., June.

IHDP open meeting, Amsterdam, Olsson, P. invited keynote speaker, and Galaz, V., Duit, A. paper presentations, May.

Centre of Excellence for Coral Reef Studies, James Cook University, Townsville, Australia, Thomalla, F., “Governance and Ecosystem Management of Coastal and Marine Systems: Defining the Research Agenda for the Stockholm Resilience Centre”, May.

IARU Young Scholars Workshop, The Australian National University- ANU Canberra, Australia, Session: Sustainable Water Management at the Local, Regional and Global Scales, Deutsch, L., “Global Trade, Food Production and Ecosystem Support”, March.

Learning for Sustainable Development, Conference, Umeå, Eckerberg, K., ”Lärande för hållbar utveckling i globalt, nationellt och lokalt perspektiv”, February.

Skinnskatteberg International Workshop on Sustainable Landscapes, Hahn, T., Invited speaker, “Accounting systems and areas for sustainable landscapes: Economic analysis.” February

### Policy fora

UNFCCC Bali, Boyd, E., Panel speaker, “Can we reduce emissions from the atmosphere and achieve sustainable development?”, December.

UNESCO AquaTerra Integrated Project, Venice, Gordon, L., Keynote speaker on the resilience perspective, December.

EuroMAB conference in Antalya, Turkey, Elmqvist, T., Olsson, P., Schultz, L., opening talk, keynote talk and presentation, November.

European Commission, DG Environment and the European Parliament, Brussels. de Zeeuw, A.: “Beyond GDP: Measuring progress, true wealth, and the well-being of nations”, November.

UNEP Trondheim Conference “Ecosystems and people - Biodiversity and Development-The Road to 2010 and beyond”, Elmqvist, T., Keynote speaker. October -November.

Millennium Ecosystem Assessment (MA) follow-up meeting, the Ministry for Environment, Stockholm, Elmqvist, T., Folke. C., Rockström, J., October.

UNESCO general conference, side event on Biosphere Resilience, Elmqvist, T., Folke, C., Rosswall, T., October.

Global Sustainability - A Nobel Cause, Nobel Laureates symposium led by German Chancellor Angela Merkel on global sustainability.

Potsdam Institute for Climate Impact Research (PIK), Johan Rockström, October.

Sida Development Area, Stockholm, Schultz, L., "Ecosystems, livelihoods and climate change: How can we manage ecosystems to improve human wellbeing?" September.

Meeting the Climate Challenge, Seminar with Nicholas Stern, Aula Magna, Stockholm University. Panel presentations, Folke, C., Mäler, K-G., June.

Scientific Exchange and Technical Review Meeting on "Development Co-operation for Marine Research in East and West Africa: Lessons Learned and Future Directions", organised by Sida, IUCN, Swedish Water House, PRCM, FIBA and Stockholm Resilience Centre, Stockholm, Sweden, Thomalla, F. and Folke, C., "Building Research Capacity for Improved Governance of Coastal & Marine Systems", May.

Commission of Sustainable Development 15th session, UN, New York, Elmqvist, T and Sörlin, S., "Research on resilience and the Stockholm Resilience Centre", May.

G8-UNESCO World Forum on 'Education, Research and Innovation: New Partnership for Sustainable Development', Trieste, Italy, Sörlin, S., Rapporteur's Report, session, "Environment: Global Challenges", May.

FAO, Workshop on "Ecosystem approach to Aquaculture development, Mallorca, Spain, Troell, M. Presentation "Integrated Aquaculture in the Tropics", May.

The Norwegian Institute for Urban and Regional Research 40-year jubilee, Eckerberg, K., "Globala perspektiv på miljö och utveckling", April.

Swedish Parliament, the Environmental and Agricultural Committee, Elmqvist, T., Hahn, T., Lundholm, C., Invited speakers, March.

Swedish Environmental Protection Agency, Hahn, T., Invited speaker "The ecosystem approach in practice: Kristianstads Vattenrike Biosphere Reserve (KVBR)." February.

## Appendix D. Staff

Below are only staff members that have been employed or financed directly from the Stockholm Resilience Centre during 2007.

### MANAGEMENT, ADMINISTRATION AND COMMUNICATION

Executive Director Johan Rockström, Prof.

Science Director Carl Folke, Prof.

Assistant Director Christina Schaffer, MSc

Head of Finance and Administration Kristina Hagqvist, BSc

Finance Administrator Rickard Castillus, MSc

Head of Communications Ellika Hermansson Török, MSc

Communications Officer Cajsa Martinsson, MSc

Web Editor Sturle Hauge Simonsen, BSc

ED Assistant Teresa Ogenstad

Office Manager Christine Börjesson, MSc

Project Coordinator Rebecka Henriksson, MSc

Research and Project Assistant Annette Löf, MSc

### EDUCATION

Director of Studies Thomas Hahn, PhD

Programme Director Lisa Deutch, PhD

Programme Director Miriam Huitric, PhD

Course assistant/administrator Johan Ahlenius, MSc

Course Coordinator Marmar Nekoro, MSc

Course Coordinator Jennie Svedén, MSc

Course Coordinator Johan Törnberg, MSc

Course Leader Markus Larsson, PhD student

### RESEARCH THEMES

#### The new economics of complex social-ecological systems

Theme Leader Aart de Zeeuw, Prof.

Karl-Göran Mäler, Prof.

#### Multi-level institutions and governance of social-ecological systems

Theme Leader Andreas Duit, PhD

Theme Leader Katarina Eckerberg, Prof.

Theme leader Victor Galaz, PhD

#### Adaptive governance of dynamic land- and seascapes

Theme Leader Per Olsson, PhD

Theme Leader Emily Boyd PhD

#### Regime shifts, scales and sources of reorganisation in social-ecological systems

Theme Leader Sverker Sörlin, Prof.

Theme Leader Carl Folke, Prof., Science Director

#### Governing freshwater for food and ecosystem services

Theme Leader Johan Rockström, Prof., Executive Director

Theme Leader Line Gordon, PhD

#### Governance and ecosystem management of coastal and marine systems

Theme Leader Frank Thomalla, PhD

Theme Leader Henrik Österblom, PhD

Theme Leader Max Troell, Associated Prof.