

CURRICULUM VITAE

Gretchen C. Daily

Current Positions Bing Professor in Environmental Science, Department of Biology
Senior Fellow, Woods Institute for the Environment
Director, Center for Conservation Biology
Chair, The Natural Capital Project

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Stanford University, Stanford, CA 94305-5020 USA

Education 1992 Ph.D. in Biological Sciences
Stanford University, Stanford, CA
1987 M.S. in Biological Sciences
Stanford University, Stanford, CA
1986 B.S. in Biological Sciences
Stanford University, Stanford, CA

Current Research

My work is oriented around three broad questions. First, given the projected intensification of human impacts on the biosphere, what kinds of species and ecosystems will exist over the coming decades and centuries? Second, which are most important and most merit protection, from scientific and societal standpoints? Third, what strategies will effect the deep, global transformation needed to bring human impacts into balance with what the biosphere can sustain?

To address the first question, I am co-developing the field of countryside biogeography, to forecast changes in biodiversity and biodiversity-driven ecosystem services under alternative land-use, population, and climate scenarios. To advance fundamental science and integrate new science into policy on the second and third questions, I co-founded and chair The Natural Capital Project. We are developing a conceptual framework, biophysical and economic models, and a software system for mapping and valuing terrestrial and marine ecosystem services under alternative scenarios. Our international partnership aims to mainstream values of natural capital into decisions, through compelling demonstrations and engaging leaders worldwide.

Past Positions

2002-05 Associate Professor (Research), Dept. Biological Sciences and Sr. Fellow, Institute for International Studies, Stanford Univ.
1995-02 Bing Interdisciplinary Research Scientist, Dept. Biological Sciences, Stanford Univ.
1992-95 Winslow/Heinz Postdoctoral Fellow, Energy and Resources Group, UC Berkeley
1988 Research Assistant, Ludwig Maximillian University, Munich, W. Germany
1985-87 Research Assistant, Worldwatch Institute, Washington, D.C.

Awards and Honors

- 2010 The Midori Prize for Biodiversity, the AEON Environmental Foundation, the Ministry of the Environment, Japan, the Secretariat of the Convention on Biological Diversity, and the United Nations University
- 2010 The Heinz Award, The Heinz Family Philanthropies, USA (not yet public)
- 2010 Environment and Energy Award for Thought Leadership, Aspen Institute, USA
- 2010 Fellow of the California Academy of Sciences, USA
- 2009 The International Cosmos Prize, The Expo '90 Foundation, Japan
- 2008 The Sophie Prize, The Sophie Foundation, Norway
- 2008 Fellow of the American Philosophical Society, USA
- 2007 The Herman Daly Award, United States Society for Ecological Economics
- 2007 Tansley Lecturer, the British Ecological Society, UK
- 2005 Stanford Parents University Fellow in Undergraduate Education
- 2005 Fellow of the National Academy of Sciences, USA
- 2003 Fellow of the American Academy of Arts and Sciences, USA
- 2003 David H. Smith Senior Scholar, The Nature Conservancy, USA
- 2002 Named among "The 50 Most Important Women in Science" *Discover Magazine*
- 2000 21st Century Scientist Award, The McDonnell Foundation, USA
- 2000 20 Scientists to Watch, 20th Anniversary Issue of *Discover Magazine*
- 1999 Aldo Leopold Leadership Program Fellow
- 1997 The Century Club, *Newsweek Magazine*
- 1994 Pew Fellow in Conservation and the Environment
- 1992 Frances Lou Kallman Award for Excellence in Science and Graduate Study
- 1990 Environmental Conservation Annual Foundation Best Paper Prize
- 1988-92 The Nature Conservancy / Center for Conservation Biology Fellow

Academic and Public Service

- 2010- Advisor, *Acta Ecologica Sinica*, Chinese Academy of Sciences
- 2009- Executive Committee, *Interdisciplinary Graduate Program in Environment and Resources*, Stanford University
- 2007- Editorial Advisory Board, *The Year in Ecology and Conservation Biology*
- 2006- Board of Trustees, *The Nature Conservancy*
- 2005- Co-Founder and Chair, *The Natural Capital Project* (a partnership among The Nature Conservancy, World Wildlife Fund, and Stanford University)
- 2005- Advisory Board, *The Sustainable Land Fund*
- 2005- Faculty Leadership Committee, *Woods Institute for the Environment at Stanford*
- 2005- Board of The Beijer Institute for Ecological Economics, The Royal Swedish Academy of Sciences
- 2004- Section Head, Faculty of 1000
- 2004- Advisory Board, Ecosystem Marketplace
- 2004- Board of Advisors, *Earth and Sky Radio Series*
- 2001- Board of Advisors, *Center for Environmental Leadership in Business*, Conservation International
- 2010 US President's Committee of Scientific Advisors in Science and Technology, Member of Biodiversity and Ecosystem Services Subgroup

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- 2005-08 Director, *Interdisciplinary Graduate Program in Environment and Resources*,
Stanford University
- 2002-08 Board of Editors, *Ecological Economics*
- 2003-05 Executive Committee, *Interdisciplinary Graduate Program in Environment and
Resources*, Stanford University
- 2005-06 Executive Committee, *Haas Center for Public Service*, Stanford University
- 2004-06 Board of Trustees, *The Nature Conservancy, California*
- 2004-05 Private Sector Synthesis Team, *The Millennium Ecosystem Assessment*
- 2000-03 Lead Author, *The Millennium Ecosystem Assessment*
- 2001-03 Board of Advisors, *The Living Machine* (National Geographic and Sea Studios)
- 1999-01 University Fellow, Stanford University
- 1996-01 Board of Editors, *Ecological Applications*
- 1996-99 Board of Editors, *Ecosystems*

Teaching

- 2008- Environmental Science for Managers and Decision-Makers
- 2007- Freshman Seminar in Conservation Science and Practice
- 2006-07 Interdisciplinary Research Methods for Environmental Problem Solving
- 2005 Principles of Sustainable Agriculture
- 2003-04 Goldman Honors Program in Environmental Science and Policy
- 1995-99 Interdisciplinary Science/Math/Engineering Core Sequence, Stanford University,
“Science and society: Where we came from and where we’re going.”
- 1991 Biology of Birds, Department of Biological Sciences, Stanford University
- 1989-90 Teaching Assistant, Department of Biological Sciences, Stanford University,
“Principles of Ecology” and “Core Biology Laboratory”
- 1985- Docent, Jasper Ridge Biological Preserve, Stanford University

Mentoring – Ph.D. Students

- Greg Bratman (expected 2015)
- Luke Frishkoff (expected 2014)
- Danny Karp (expected 2013)
- Chase Mendenhall (expected 2013)
- Charlotte Stanton (expected 2013)
- Rachelle Gould (expected 2012)
- Kate Brauman (expected 2010) soon to be a postdoc at University of Minnesota
- Robert Pringle (2009) now a Junior Fellow at Harvard University
- Becca Goldman (2007) now Senior Scientist at The Nature Conservancy
- Joshua Goldstein (2007) now Asst. Professor at Colorado State University
- Jai Ranganathan (2007) now postdoctoral fellow at UC Santa Barbara
- Berry Brosi (2006) Asst. Professor at Emory University
- Margaret Mayfield (2005) now Asst. Professor at University of Queensland
- Cagan Sekercioglu (2003) now Asst. Professor at University of Utah
- Taylor Ricketts (2000) now Director of Science, World Wildlife Fund-US
- Jennifer Hughes (1999) now Assoc. Professor University of California-Irvine

Mentoring – Postdoctoral Associates (not including those who started as students, above)

Paul Armsworth (2003-05) Assoc. Professor at University of Tennessee
Patricia Balvanera (1999-2000) Professor at the Universidad Nacional Autónoma de Mexico
Sallie-Anne Bailey (1998-2002) in the Forestry Commission, UK Government
Kai Chan (2003-05) Asst. Professor at the University of British Columbia
Marc Conte (2008-)
Gary Luck (2001-2003) Assoc. Professor at Charles Sturt University
Erik Nelson (2006-2010) soon becoming Asst. Professor at Bowdoin College
Henrique Pereira (2001-2002) Research Fellow at the University of Lisbon and Director of the National Parks of Portugal
Liba Pejchar (2004-08) Asst. Professor at Colorado State University
Heather Tallis (2006-)

PUBLICATIONS

Books

- Daily, GC and CJ Katz, Jr. In prep. *{Title TBD}*. Trinity University Press, San Antonio, TX.
- Kareiva, PK, TH Ricketts, GC Daily, H Tallis, and S Polasky, Eds. In press. *The Theory & Practice of Ecosystem Service Valuation*. Oxford University Press, Oxford.
- Daily, GC and K Ellison. 2002. *The New Economy of Nature: The Quest to Make Conservation Profitable*, Island Press, Washington, DC. [translated into Chinese and Japanese]
- Levin, S, GC Daily, RK Colwell, J Lubchenco, HA Mooney, E-D Schulze, and D Tilman, Eds. 2001. *The Encyclopedia of Biodiversity*, Academic Press, San Diego, CA.
- Daily, GC, Ed. 1997. *Nature's Services: Societal Dependence on Natural Ecosystems*, Island Press, Washington, DC.
- Ehrlich, PR, AH Ehrlich, and GC Daily. 1995. *The Stork and the Plow: The Equity Solution to the Human Dilemma*, Putnam Press, New York, NY; reprinted by Yale University Press, New Haven, CT.

Journal Articles

- Conte, MN and GC Daily. In internal review. Losing the forest for the trees? Emerging carbon markets and the choice between native and non-native reforestation projects.

- Zheng, H, Z Ouyang, GC Daily, et al. In internal review. Integrating regulating ecosystem services into regional sustainable land use management: A case study in Hainan Island, China.
- Goldstein, JH, G Caldarone, TK Duarte, D Ennaanay, N Hannahs, G Mendoza, S Polasky, S Wolny, and GC Daily. In internal review. Integrating ecosystem service tradeoffs into land-use decisions.
- Liang, Y, S Li, MW Feldman, and GC Daily. In review. Does household composition matter? The impact of the Grain for Green Program on rural livelihoods in China. (*Ecological Economics*)
- Liang, Y, MW Feldman, S Li, GC Daily, J Li. In review. Asset endowments, non-farm participation, and local separability in rural China. (*Environment and Development Economics*)
- Li, J, M Feldman, S Li, and GC Daily. In review. Rural household income and inequality under payment for ecosystem services: The Sloping Land Conversion Program in Western China (*Proc. National Academy of Sciences USA*).
- Ceballos, G, RM Pringle, G Santos, J Pacheco, F Mendoza, PR Ehrlich, and GC Daily. In review. Countryside biogeography of a neotropical herpetofauna. (*Conservation Biology*)
- Ceballos, G, GC Daily, A Sánchez-Azofeifa, PR Ehrlich, and J Pacheco. In revision. Conservation of the endangered Central American squirrel monkey (*Saimiri oerstedii*) in farming countryside. (*Distribution and Conservation*)
- Nelson, EJ and GC Daily. 2010. Modelling ecosystem services in terrestrial systems. *F1000 Biology Reports* 2: 53.
- Brauman, KA, DL Freyberg, and GC Daily. 2010. Forest structure influences on rainfall partitioning and cloud interception: A comparison of native forest sites in Kona, Hawai'i. *Agricultural and Forest Meteorology* 150: 265-275.
- Brosi, BJ, GC Daily, CP Chamberlain and M Mills. 2009. Detecting changes in habitat-scale bee foraging in a tropical fragmented landscape using stable isotopes. *Forest Ecology and Management* 258: 1846-1855.
- Walker, B, S Barrett, S Polasky, V Galaz, C Folke, S Barrett, G Engström, F Ackerman, K Arrow, S Carpenter, K Chopra, GC Daily, P Ehrlich, T Hughes, N Kautsky, S Levin, KG Mäler, J Shogren, J Vincent, T Xepapadeas, and A de Zeeuw. 2009. Looming global-scale failures and missing institutions. *Science* 325: 1345-1346.
- Fischer, J, BJ Brosi, GC Daily, PR Ehrlich, R Goldman, J Goldstein, DB Lindenmayer, AD Manning, HA Mooney, L Pejchar, J Ranganathan, and H Tallis. 2009. Fostering constructive debate: a reply to Chappell et al. *Frontiers in Ecology and the Environment* 7: 84.

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Curriculum Vitae

- Daily, GC, SM Polasky, JH Goldstein, PM Kareiva, HA Mooney, L Pejchar, TH Ricketts, J Salzman, R Shallenberger. 2009. Ecosystem services in decision-making: time to deliver. *Frontiers in Ecology and the Environment* 7: 21-28.
- Nelson, E, G Mendoza, J Regetz, S Polasky, H Tallis, DR Cameron, KMA Chan, GC Daily, J Goldstein, PM Kareiva, E Lonsdorf, R Naidoo, TH Ricketts, and MR Shaw. 2009. Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. *Frontiers in Ecology and the Environment* 7: 4-11.
- Pejchar, L, RM Pringle, J Ranganathan, G Duran, F Oviedo, and GC Daily. 2008. Seed dispersal by birds in a human-dominated landscape. *Biological Conservation* 141: 536-544.
- Brosi, BJ, GC Daily, T Shih, F Oviedo, and G Durán. 2008. The effects of forest fragmentation on bee communities in tropical countryside. *J. Applied Ecology* 45: 773-783.
- Goldstein, J, L Pejchar, and GC Daily. 2008. Using return-on-investment to guide restoration: a case study from Hawai'i. *Conservation Letters* 1: 236-43.
- Chan, KMA and GC Daily. 2008. The payoff of conservation investments in tropical countryside. *Proc. National Academy of Sciences, USA* 49: 19341-19346.
- Ranganathan, J, R Daniels, S Chandran, PR Ehrlich, and GC Daily. 2008. Sustaining biodiversity in ancient tropical countryside. *Proc. National Academy of Sciences, USA* 105: 17892-17854. Featured as "Editor's Choice," *Science* 322: 1164.
- Fischer, J, B Brosi, GC Daily, PR Ehrlich, R Goldman, J Goldstein, DB Lindenmayer, AD Manning, HA Mooney, L Pejchar, J Ranganathan, and H Tallis. 2008. Should agricultural policies encourage land-sparing or wildlife-friendly farming? *Frontiers in Ecology and the Environment* 6(7): 380-385.
- Santos-Barrera, G, J Pacheco, F Mendoza-Quijano, F Bolaños, G Chaves, GC Daily, PR Ehrlich, and G Ceballos. 2008. Diversity, natural history and conservation of amphibians and reptiles from the San Vito Region, southwestern Costa Rica. *Revista de Biología Tropical* 56(2): 755-778.
- Daily, GC and PA Matson. 2008. Ecosystem services: From theory to implementation. Special Feature. *Proc. National Academy of Sciences, USA* 105 (28): 9455-9456.
- Goldman, RL, H Tallis, P Kareiva, and GC Daily. 2008. Field evidence that ecosystem service projects support biodiversity and diversify options. *Proc. National Academy of Sciences, USA* 105 (27): 9445-9448.
- Kremen, C, GC Daily, AM Klein, and D Scofield. 2008. Inadequate assessment of the ecosystem service rationale for conservation: A reply to Ghazoul. *Conservation Biology* 22(3): 795-798.

- Goldman, RL, L Pejchar, and GC Daily. 2008. Assessing the conservation value of a human-dominated island landscape: Plant diversity in Hawai'i. *Biological Conservation* 17: 1765-1781.
- Brosi, BJ, PR Armsworth, and GC Daily. 2008. The optimal design of agricultural landscapes for pollination services. *Conservation Letters* 1: 27-36.
- Turner, RK, and GC Daily. 2008. The ecosystem services framework and natural capital conservation. *Environmental and Resource Economics* 39: 25-35.
- Armsworth, PR, KMA Chan, GC Daily, PR Ehrlich, C Kremen, MA Sanjayan, and TR Ricketts. 2007. Ecosystem service science and the way forward for conservation. *Conservation Biology* 21(6): 1383-1384.
- Goldman, RL, BH Thompson, and GC Daily. 2007. Institutional incentives for managing the landscape: Inducing cooperation for the production of ecosystem services. *Ecological Economics* 64: 333-343.
- Brauman, KA, GC Daily, TK Duarte, and HA Mooney. 2007. The nature and value of ecosystem services: An overview highlighting hydrologic services. *Annual Review in Environment and Resources* 32: 67-98.
- Arrow, KJ, GC Daily, P Dasgupta, P Ehrlich, L Goulder, G Heal, S Levin, K-G Mäler, S Schneider, D Starrett, and B Walker. 2007. Consumption, investment and future well-being: Reply to Daly et al. *Conservation Biology* 21: 1363-1365.
- Ranganathan, J, KMC Chan, and GC Daily. 2007. Satellite detection of bird communities in tropical countryside. *Ecological Applications* 17(5): 1499-1510.
- Brosi, B, GC Daily, and PR Ehrlich. 2007. Bee community shifts with landscape context in a tropical countryside. *Ecological Applications* 17: 418-430.
- Şekerciöğlü, CH, S Loarie, F Oviedo Brenes, PR Ehrlich, and GC Daily. 2007. Persistence of forest birds in the Costa Rican agricultural countryside. *Conservation Biology* 21: 482-494.
- Goehring, DM, GC Daily, S Dasgupta, and PR Ehrlich. 2007. Range occupancy and endangerment: a test with a butterfly community. *American Midland Naturalist* 157: 106-120.
- Pejchar, L, P Morgan, M Caldwell, C Palmer, and GC Daily. 2007. Evaluating the potential for conservation development: Biophysical, economic, and institutional perspectives. *Conservation Biology* 21(1): 69-78.
- Chan, KMA, R Shaw, D Cameron, EC Underwood, GC Daily. 2006. Conservation planning for ecosystem services. *Public Library of Science, Biology* 4: 2138-2152.

- Goldstein, J, GC Daily, JB Friday, PA Matson, RL Naylor, and PM Vitousek. 2006. Business strategies for conservation on private lands: Koa forestry as a case study. *Proc. National Academy of Sciences, USA* 103(26): 10140-10145.
- Pereira, HM and GC Daily. 2006. Modeling biodiversity dynamics in countryside landscapes. *Ecology* 87: 1877-1885.
- Mayfield, MM, D Ackerly, and GC Daily. 2006. The diversity and conservation of plant reproductive and dispersal functional traits in human-dominated tropical landscapes. *Journal of Ecology* 94: 522-536.
- Armsworth, PR, GC Daily, P Kareiva, and JN Sanchirico. 2006. Land market feedbacks can undermine conservation. *Proc. National Academy of Sciences, USA* 103(14): 5403-5408.
- Pacheco, J, G Ceballos, GC Daily, PR Ehrlich, G Suzán, B Rodríguez-Herrera, and E Marcé. 2006. Diversidad, historia natural y conservación de los mamíferos de San Vito de Coto Brus, Costa Rica. *Revista de Biología Tropical* 54(1): 219-240.
- Mayfield, MM, MF Boni, GC Daily, and D Ackerly. 2005. Species and functional diversity of native and human-dominated plant communities. *Ecology* 86: 2365-2372.
- Foley, JA, R DeFries, GP Asner, C Barford, G Bonan, SR Carpenter, FS Chapin, MT Coe, GC Daily, HK Gibbs, JH Helkowski, T Holloway, EA Howard, CJ Kucharik, C Monfreda, J Patz, LC Prentice, N Ramankutty, PK Snyder. 2005. Global consequences of land use. *Science* 309: 570-574.
- Maas, M, P Balvanera, A Castillo, GC Daily, HA Mooney, PR Ehrlich, M Quesada, A Miranda, VJ Jaramillo, F García-Oliva, A Martínez-Yrizar, H Cotler, J López-Blanco, A Pérez-Jiménez, A Búrquez, C Tinoco, G Ceballos, L Barraza, R Ayala, and J Sarukhán. 2005. Ecosystem services of tropical dry forests: insights gained from long-term ecological and social research on the Pacific Coast of Mexico. *Ecology and Society* 10 (1): 17. [online] URL: <http://www.ecologyandsociety.org/vol10/iss1/art17/>
- Mayfield, M and GC Daily. 2005. Countryside biogeography of Neotropical herbaceous and shrubby plants. *Ecological Applications* 15: 423-439.
- Şekercioglu, CH, GC Daily, and PR Ehrlich. 2004. Ecosystem consequences of bird declines. *Proc. National Academy of Sciences, USA* 101(52): 18042-18047.
- Arrow, K, P Dasgupta, LH Goulder, GC Daily, PR Ehrlich, GM Heal, S Levin, K-G Mäler, S Schneider, D Starrett, and B Walker. 2004. Are we consuming too much? *Journal of Economic Perspectives* 18(3): 147-172.
- Ricketts, TH, GC Daily, PR Ehrlich, C Michener. 2004. Economic value of tropical forest to coffee production. *Proc. National Academy of Sciences, USA* 101: 12579-12582.

- Pereira, HM, GC Daily, and J Roughgarden. 2004. A framework for assessing the relative vulnerability of species to land-use change. *Ecological Applications* 14(3): 730-742.
- Heal, GM, B Walker, S Levin, K Arrow, P Dasgupta, GC Daily, PR Ehrlich, K-G Mäler, N Kautsky, J Lubchenco, S Schneider, and D Starrett. 2004. Genetic diversity and interdependent crop choices in agriculture. *Resource and Energy Economics* 26: 175-184.
- Luck, GW, TH Ricketts, GC Daily, and M Imhoff. 2004. Alleviating spatial conflict between people and biodiversity. *Proc. National Academy of Sciences, USA* 101(1): 182-186.
- Daily, GC, G Ceballos, J Pacheco, G Suzán, and A Sánchez-Azofeifa. 2003. Countryside biogeography of Neotropical mammals: Conservation opportunities in agricultural landscapes of Costa Rica. *Conservation Biology* 17(6): 1814-1826.
- Luck, GW, GC Daily, and PR Ehrlich. 2003. Population diversity and ecosystem services. *Trends in Ecology and Evolution* 18(7): 331-336.
- Ellison, K and GC Daily. 2003. Making conservation profitable. *Conservation in Practice* 4: 13-19.
- Luck, GW and GC Daily. 2003. Bird assemblages in a tropical countryside: species richness, composition, and foraging behavior differ with landscape context. *Ecological Applications* 13(1): 235-247.
- Horner-Devine, MC, GC Daily, PR Ehrlich, and CL Boggs. 2003. Countryside biogeography of tropical butterflies. *Conservation Biology* 17: 168-177.
- Liu, J, GC Daily, PR Ehrlich, and G Luck. 2003. The effect of household dynamics on resource consumption and biodiversity. *Nature* 421: 530-533. (Cited as an "NSF Science Highlight from 2003")
- Sánchez-Azofeifa, GA, GC Daily, AP Pfaff, and C Busch. 2003. Integrity and isolation of Costa Rica's national parks and biological reserves: Examining the dynamics of land cover change. *Biological Conservation* 109: 123-135.
- Goehring, DM, GC Daily, CH Sekercioglu. 2002. Distribution of ground-dwelling arthropods in tropical countryside habitats. *Journal of Insect Conservation* 6(2): 83-91.
- Hughes, JB, GC Daily, and PR Ehrlich. 2002. Agricultural policy can help preserve tropical forest birds in countryside habitats. *Ecology Letters* 5: 121-129.
- Şekercioglu, CH, PR Ehrlich, GC Daily, D Aygen, D Goehring, and RF Sandi. 2002. Mysterious disappearance of insectivorous birds from tropical forest fragments. *Proc. National Academy of Sciences, USA* 99: 263-267.
- Ricketts, TH, GC Daily, and PR Ehrlich. 2002. Does butterfly diversity predict moth diversity? Testing a popular indicator taxon at local scales. *Biological Conservation* 103: 361-370.

- Salzman, J, B Thompson, and GC Daily. 2001. Protecting ecosystem services: Science, economics, and policy. *Stanford Environmental Law Journal* 20: 309-332. Reprinted in part in Doremus, H and R Rosenberg. 2002. *Environmental Policy Law: Problems, Cases, and Readings*, Foundation Press, 4th Ed.
- Heal, G, GC Daily, J Salzman, PR Ehrlich, C Boggs, J Hellmann, J Hughes, C Kremen, T Ricketts. 2001. Protecting natural capital through ecosystem service districts. *Stanford Environmental Law Journal* 20: 333-364.
- Daily, GC. 2001. Ecological forecasts. *Nature* 411: 245.
- Ricketts, TH, GC Daily, PR Ehrlich, and JP Fay. 2001. Countryside biogeography of moths in a fragmented landscape: biodiversity in native and agricultural habitats. *Conservation Biology* 15: 378-388.
- Balvanera, P, GC Daily, PR Ehrlich, T Ricketts, SA Bailey, S Kark, C Kremen, H Pereira. 2001. Conserving biodiversity and ecosystem services. *Science* 291: 2047.
- Daily, GC, PR Ehrlich, and GA Sánchez-Azofeifa. 2001. Countryside biogeography: Utilization of human-dominated habitats by the avifauna of southern Costa Rica. *Ecological Applications* 11: 1-13.
- Daily, GC. 2000. Management objectives for the protection of ecosystem services. *Environmental Science and Policy* 3: 333-339.
- Hughes, JB, GC Daily, and PR Ehrlich. 2000. Conservation of insect diversity: A habitat approach. *Conservation Biology* 14: 1788-1797.
- Daily, GC, T Söderqvist, S Aniyar, K Arrow, P Ehrlich, C Folke, A-M Jansson, B-O Jansson, S Levin, N Kautsky, K-G Mäler, D Simpson, D Starrett, D Tilman, and B Walker. 2000. Reply to Czech. *Science On-line*, 17 October.
- Daily, GC, T Söderqvist, S Aniyar, K Arrow, P Dasgupta, P Ehrlich, C Folke, A-M Jansson, B-O Jansson, N Kautsky, S Levin, J Lubchenco, K-G Mäler, D Simpson, D Starrett, D Tilman, and B Walker. 2000. The value of nature and the nature of value. *Science* 289: 395-396.
- Daily, GC. 2000. Ecosystem assessment then and now. *Issues in Science and Technology* 16: 6.
- Kremen, C, J Niles, M Dalton, GC Daily, PR Ehrlich, J Fay, D Grewal, and RP Guillery. 2000. Economics of forest conservation across scales. *Science* 288: 1828-1832.
- Arrow, K, GC Daily, P Dasgupta, S Levin, K-G Mäler, E Maskin, D Starrett, T Sterner, and T Tietenberg. 2000. Managing ecosystem resources. *Environmental Science and Technology* 34: 1401-1406.

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Curriculum Vitae

- Daily, GC and BA Walker. 2000. Environmental sustainability: Seeking the great transition. *Nature* 403: 243-245. (Listed by *Nature* as a “Classic Paper on Science and Sustainable Development.”)
- Daily, GC. 1999. Developing a scientific basis for managing Earth’s life-support systems. *Conservation Ecology* 3(2): 14. [online] URL: <http://www.consecol.org/vol3/iss2/art14>.
- Ehrlich, PR, G Wolff, GC Daily, JB Hughes, SC Daily, M Dalton, and LH Goulder. 1999. Knowledge and the environment. *Ecological Economics* 30: 267-284.
- Holl, KD, GC Daily, SC Daily, PR Ehrlich, and S Bassin. 1999. Knowledge and attitudes toward population and the environment: University students in Costa Rica and the United States. *Environmental Conservation* 26(1): 66-74.
- Daily, GC and PR Ehrlich. 1999. Managing Earth’s ecosystems: An interdisciplinary challenge. *Ecosystems* 2: 277-280.
- McMichael, AJ, B Bolin, R Costanza, GC Daily, C Folke, K Lindahl-Kiessling, E Lindgren, and B Niklasson. 1999. Sustainable health in a globalized world. *BioScience* 49: 205-210.
- Hughes, JB, GC Daily, and PR Ehrlich. 1998. Conservation monitoring of frugivorous butterfly communities with bait traps. *Revista de Biología Tropical* 46(3): 697-704.
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- Hughes, JB, GC Daily, and PR Ehrlich. 1997. Population diversity: its extent and extinction. *Science* 278: 689-692.
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- Daily, GC, and PR Ehrlich. 1996. Development, global change, and the epidemiological environment. *Environment and Development Economics* 1: 311-346.
- Daily, GC and PR Ehrlich. 1996. Nocturnality and species survival. *Proc. National Academy of Sciences USA* 93: 11709-11712.
- Daily, GC and PR Ehrlich. 1996. Socioeconomic equity, sustainability, and carrying capacity. *Ecological Applications* 6: 991-1001.

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- Daily, GC, and PR Ehrlich. 1996. Global change and human susceptibility to disease. *Annual Review of Energy and the Environment* 21: 1-20.
- Postel, S, GC Daily, and PR Ehrlich. 1996. Human appropriation of renewable fresh water. *Science* 271: 785-788.
- Daily, GC and PR Ehrlich. 1996. Nothing new. *BioScience* 46: 5-6.
- Daily, GC, PR Ehrlich, and M Alberti. 1996. Managing Earth's life support systems: The game, the players, and getting everyone to play. *Ecological Applications* 6(1): 19-21.
- Daily, GC. 1995. Foreclosing the future. *People and the Planet* 4(4): 18-19.
- Holl, KD, GC Daily and PR Ehrlich. 1995. Knowledge and perceptions in Costa Rica regarding environment, population, and biodiversity issues. *Conservation Biology* 9: 1548-1558.
- Daily, GC. 1995. Restoring value to the world's degraded lands. *Science* 269: 350-354. Reprinted in Owen, L and T Unwin, eds. 1997. *Environmental Management: Readings and Case Studies* (Blackwell, Oxford), pp. 235-242.
- Daily, GC, AH Ehrlich, and PR Ehrlich. 1995. Socioeconomic equity: a critical component of environmental preservation. *AMBIO* 20(1): 2-3.
- Daily, GC and PR Ehrlich. 1995. Preservation of biodiversity in small rainforest patches: rapid evaluations using butterfly trapping. *Biodiversity and Conservation* 4: 35-55.
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Media

Numerous newspaper, radio, and TV interviews internationally. Scientific advisor for the production of documentary films on agriculture, conservation, population, and other environment-related matters.