

# Stanford

---



## Gretchen C. Daily

Bing Professor of Environmental Science and Senior Fellow at the Woods Institute for the Environment and, by courtesy, at the Freeman Spogli Institute for International Studies

Biology

### CONTACT INFORMATION

- **Alternate Contact**

Michelle Vazindel - Administrative Associate

**Email** michel15@stanford.edu

**Tel** (650) 736-9506

### Bio

---

#### ACADEMIC APPOINTMENTS

- Professor, Biology
- Senior Fellow, Stanford Woods Institute for the Environment
- Senior Fellow (By courtesy), Freeman Spogli Institute for International Studies

#### ADMINISTRATIVE APPOINTMENTS

- Director, Natural Capital Project, (2005- present)
- Director, Center for Conservation Biology, (2010- present)

#### HONORS AND AWARDS

- Fellow, American Philosophical Society, USA (2008)
- Fellow, US National Academy of Sciences (2005)
- Fellow, American Academy of Arts and Sciences, USA (2003)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (CIGH) (2021 - present)
- Faculty Affiliate, Stanford Center on China's Economy and Institutions (SCCEI) (2021 - present)

#### PROGRAM AFFILIATIONS

- Center for Latin American Studies

### Research & Scholarship

---

#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Land use, biodiversity dynamics, ecosystem services

## Teaching

---

### COURSES

#### 2021-22

- Integrated Valuation of Ecosystem Services and Tradeoffs: BIO 179 (Aut)

#### 2020-21

- Integrated Valuation of Ecosystem Services and Tradeoffs: BIO 179, BIO 279 (Aut)

#### 2019-20

- Ecosystem Services: Frontiers in the Science of Valuing Nature: BIO 138, BIO 238, EARTHSYS 139, EARTHSYS 239 (Aut)

#### 2018-19

- Integrated Valuation of Ecosystem Services and Tradeoffs: BIO 279 (Win)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Caroline Daws, Priscilla San Juan

#### Postdoctoral Faculty Sponsor

Hector Angarita, Claudia Baudoin Farah, Zhaowei Ding, Alejandra Echeverri Ochoa

#### Doctoral Dissertation Advisor (AC)

Kelley Langhans

#### Doctoral Dissertation Co-Advisor (AC)

Cesar Lopez, Suzanne Ou

#### Master's Program Advisor

Rachel Miller, Kei Tomozawa

#### Postdoctoral Research Mentor

Alejandra Echeverri Ochoa

#### Doctoral (Program)

Kelley Langhans

### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biology (School of Humanities and Sciences) (Phd Program)

## Publications

---

### PUBLICATIONS

- **Conservation of birds in fragmented landscapes requires protected areas** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*  
Timmers, R., van Kuijk, M., Verweij, P. A., Ghazoul, J., Hautier, Y., Laurance, W. F., Arriaga-Weiss, S. L., Askins, R. A., Battisti, C., Berg, A., Daily, G. C., Estades, C. F., Frank, et al  
2022
- **Biodiversity and infrastructure interact to drive tourism to and within Costa Rica.** *Proceedings of the National Academy of Sciences of the United States of America*  
Echeverri, A., Smith, J. R., MacArthur-Waltz, D., Lauck, K. S., Anderson, C. B., Monge Vargas, R., Alvarado Quesada, I., Wood, S. A., Chaplin-Kramer, R., Daily, G. C.

2022; 119 (11): e2107662119

- **CropPol: a dynamic, open and global database on crop pollination.** *Ecology*  
Allen-Perkins, A., Magrach, A., Dainese, M., Garibaldi, L. A., Kleijn, D., Rader, R., Reilly, J. R., Winfree, R., Lundin, O., McGrady, C. M., Brittain, C., Biddinger, D. J., Artz, et al  
1800
- **Natural capital approaches: shifting the UN Decade on Ecosystem Restoration from aspiration to reality** *RESTORATION ECOLOGY*  
Farrell, C. A., Aronson, J., Daily, G. C., Hein, L., Obst, C., Woodworth, P., Stout, J. C.  
2021
- **The Next Steps for Valuing Nature in Decision Making** *ENVIRONMENT*  
Daily, G. C.  
2021; 63 (6): 17-20
- **Spatial assessment of flow and benefit of tropical cyclone hazard mitigation service** *PROGRESS IN PHYSICAL GEOGRAPHY-EARTH AND ENVIRONMENT*  
Zhao, M., Peng, J., Zheng, H., Daily, G. C., Liu, Y., Wu, J., Wang, Y.  
2021
- **Maintaining the Many Societal Benefits of Rangelands: The Case of Hawai'i** *LAND*  
Bremer, L. L., Nathan, N., Trauernicht, C., Pascua, P., Krueger, N., Jokiel, J., Barton, J., Daily, G. C.  
2021; 10 (7)
- **Blending Ecosystem Service and Resilience Perspectives in Planning of Natural Infrastructure: Lessons from the San Francisco Bay Area** *FRONTIERS IN ENVIRONMENTAL SCIENCE*  
Hamel, P., Hamann, M., Kuiper, J. J., Andersson, E., Arkema, K. K., Silver, J. M., Daily, G. C., Guerry, A. D.  
2021; 9
- **An ecosystem service perspective on urban nature, physical activity, and health.** *Proceedings of the National Academy of Sciences of the United States of America*  
Remme, R. P., Frumkin, H., Guerry, A. D., King, A. C., Mandle, L., Sarabu, C., Bratman, G. N., Giles-Corti, B., Hamel, P., Han, B., Hicks, J. L., James, P., Lawler, et al  
2021; 118 (22)
- **Our future in the Anthropocene biosphere.** *Ambio*  
Folke, C., Polasky, S., Rockstrom, J., Galaz, V., Westley, F., Lamont, M., Scheffer, M., Osterblom, H., Carpenter, S. R., Chapin, F. S., Seto, K. C., Weber, E. U., Crona, et al  
2021
- **Affective Benefits of Nature Contact: The Role of Rumination** *FRONTIERS IN PSYCHOLOGY*  
Bratman, G. N., Young, G., Mehta, A., Lee Babineaux, I., Daily, G. C., Gross, J. J.  
2021; 12
- **Affective Benefits of Nature Contact: The Role of Rumination.** *Frontiers in psychology*  
Bratman, G. N., Young, G., Mehta, A., Lee Babineaux, I., Daily, G. C., Gross, J. J.  
2021; 12: 643866
- **Time and space catch up with restoration programs that ignore ecosystem service trade-offs.** *Science advances*  
Li, R., Zheng, H., O'Connor, P., Xu, H., Li, Y., Lu, F., Robinson, B. E., Ouyang, Z., Hai, Y., Daily, G. C.  
2021; 7 (14)
- **Eco-environmental impacts of dams in the Yangtze River Basin, China.** *The Science of the total environment*  
Li, B. n., Chen, N. n., Wang, W. n., Wang, C. n., Schmitt, R. J., Lin, A. n., Daily, G. C.  
2021; 774: 145743
- **An Introduction to the Economics of Natural Capital** *REVIEW OF ENVIRONMENTAL ECONOMICS AND POLICY*  
Polasky, S., Daily, G.  
2021; 15 (1): 87-94
- **WTO must ban harmful fisheries subsidies.** *Science (New York, N.Y.)*

- Sumaila, U. R., Skerritt, D. J., Schuhbauer, A., Villasante, S., Cisneros-Montemayor, A. M., Sinan, H., Burnside, D., Abdallah, P. R., Abe, K., Addo, K. A., Adelsheim, J., Adewumi, I. J., Adeyemo, et al  
2021; 374 (6567): 544
- **Corridors of Clarity: Four Principles to Overcome Uncertainty Paralysis in the Anthropocene.** *Bioscience*  
Polasky, S., Crepin, A., Biggs, R. O., Carpenter, S. R., Folke, C., Peterson, G., Scheffer, M., Barrett, S., Daily, G., Ehrlich, P., Howarth, R. B., Hughes, T., Levin, et al  
2020; 70 (12): 1139–44
  - **Does China's major Payment for Ecosystem Services program meet the "gold criteria"? Targeting strategies of different decision-makers** *JOURNAL OF CLEANER PRODUCTION*  
Ren, L., Li, J., Li, S., Li, C., Daily, G. C.  
2020; 275
  - **Urbanization, Migration, and Adaptation to Climate Change** *ONE EARTH*  
Adger, W., Crepin, A., Folke, C., Ospina, D., Chapin, F., Segerson, K., Seto, K. C., Anderies, J. M., Barrett, S., Bennett, E. M., Daily, G., Elmqvist, T., Fischer, et al  
2020; 3 (4): 396–399
  - **Increasing decision relevance of ecosystem service science** *NATURE SUSTAINABILITY*  
Mandle, L., Shields-Estrada, A., Chaplin-Kramer, R., Mitchell, M. E., Bremer, L. L., Gourevitch, J. D., Hawthorne, P., Johnson, J. A., Robinson, B. E., Smith, J. R., Sonter, L. J., Verutes, G. M., Vogl, et al  
2020
  - **Using gross ecosystem product (GEP) to value nature in decision making.** *Proceedings of the National Academy of Sciences of the United States of America*  
Ouyang, Z., Song, C., Zheng, H., Polasky, S., Xiao, Y., Bateman, I. J., Liu, J., Ruckelshaus, M., Shi, F., Xiao, Y., Xu, W., Zou, Z., Daily, et al  
2020
  - **Donald Kennedy (1931-2020).** *Science (New York, N.Y.)*  
Daily, G. C., Ehrlich, P. R.  
2020; 368 (6495): 1062
  - **The biogeography of ecoregions: Descriptive power across regions and taxa** *JOURNAL OF BIOGEOGRAPHY*  
Smith, J. R., Hendershot, J., Nova, N., Daily, G. C.  
2020
  - **Social dimensions of fertility behavior and consumption patterns in the Anthropocene.** *Proceedings of the National Academy of Sciences of the United States of America*  
Barrett, S., Dasgupta, A., Dasgupta, P., Adger, W. N., Anderies, J., van den Bergh, J., Bledsoe, C., Bongaarts, J., Carpenter, S., Chapin, F. S., Crepin, A., Daily, G., Ehrlich, et al  
2020
  - **Intensive farming drives long-term shifts in avian community composition.** *Nature*  
Hendershot, J. N., Smith, J. R., Anderson, C. B., Letten, A. D., Frishkoff, L. O., Zook, J. R., Fukami, T., Daily, G. C.  
2020; 579 (7799): 393–96
  - **Publisher Correction: Intensive farming drives long-term shifts in avian community composition.** *Nature*  
Hendershot, J. N., Smith, J. R., Anderson, C. B., Letten, A. D., Frishkoff, L. O., Zook, J. R., Fukami, T. n., Daily, G. C.  
2020; 581 (7808): E6
  - **Land-use change has host-specific influences on avian gut microbiomes.** *The ISME journal*  
San Juan, P. A., Hendershot, J. N., Daily, G. C., Fukami, T.  
2019
  - **Conservation in human-dominated landscapes: Lessons from the distribution of the Central American squirrel monkey** *BIOLOGICAL CONSERVATION*  
Ceballos, G., Ehrlich, P. R., Pacheco, J., Valverde-Zuniga, N., Daily, G. C.  
2019; 237: 41–49
  - **Four priorities for new links between conservation science and accounting research** *CONSERVATION BIOLOGY*  
Feger, C., Mermet, L., Vira, B., Addison, P. E., Barker, R., Birkin, F., Burns, J., Cooper, S., Couvet, D., Cuckston, T., Daily, G. C., Dey, C., Gallagher, et al  
2019; 33 (4): 972–75

- **Nature and mental health: An ecosystem service perspective.** *Science advances*  
Bratman, G. N., Anderson, C. B., Berman, M. G., Cochran, B., de Vries, S., Flanders, J., Folke, C., Frumkin, H., Gross, J. J., Hartig, T., Kahn, P. H., Kuo, M., Lawler, et al  
2019; 5 (7): eaax0903
- **Long-term declines in bird populations in tropical agricultural countryside** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Sekercioglu, C. H., Mendenhall, C. D., Oviedo-Brenes, F., Horns, J. J., Ehrlich, P. R., Daily, G. C.  
2019; 116 (20): 9903–12
- **Realizing the values of natural capital for inclusive, sustainable development: Informing China's new ecological development strategy** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Zheng, H., Wang, L., Peng, W., Zhang, C., Li, C., Robinson, B. E., Wu, X., Kong, L., Li, R., Xiao, Y., Xu, W., Ouyang, Z., Daily, et al  
2019; 116 (17): 8623–28
- **Realizing the values of natural capital for inclusive, sustainable development: Informing China's new ecological development strategy.** *Proceedings of the National Academy of Sciences of the United States of America*  
Zheng, H., Wang, L., Peng, W., Zhang, C., Li, C., Robinson, B. E., Wu, X., Kong, L., Li, R., Xiao, Y., Xu, W., Ouyang, Z., Daily, et al  
2019
- **A global test of ecoregions (vol 2, pg 1889, 2018)** *NATURE ECOLOGY & EVOLUTION*  
Smith, J. R., Letten, A. D., Ke, P., Anderson, C. B., Hendershot, J., Dhimi, M. K., Dlott, G. A., Grainger, T. N., Howard, M. E., Morrison, B. L., Routh, D., San Juan, P. A., Mooney, et al  
2019; 3 (4): 708
- **Role of economics in analyzing the environment and sustainable development.** *Proceedings of the National Academy of Sciences of the United States of America*  
Polasky, S., Kling, C. L., Levin, S. A., Carpenter, S. R., Daily, G. C., Ehrlich, P. R., Heal, G. M., Lubchenco, J.  
2019; 116 (12): 5233–38
- **Author Correction: A global test of ecoregions.** *Nature ecology & evolution*  
Smith, J. R., Letten, A. D., Ke, P., Anderson, C. B., Hendershot, J. N., Dhimi, M. K., Dlott, G. A., Grainger, T. N., Howard, M. E., Morrison, B. M., Routh, D., Juan, P. A., Mooney, et al  
2019
- **Global modeling of nature's contributions to people.** *Science (New York, N.Y.)*  
Chaplin-Kramer, R. n., Sharp, R. P., Weil, C. n., Bennett, E. M., Pascual, U. n., Arkema, K. K., Brauman, K. A., Bryant, B. P., Guerry, A. D., Haddad, N. M., Hamann, M. n., Hamel, P. n., Johnson, et al  
2019; 366 (6462): 255–58
- **Long-term declines in bird populations in tropical agricultural countryside.** *Proceedings of the National Academy of Sciences of the United States of America*  
#ekercio#lu, Ç. H., Mendenhall, C. D., Oviedo-Brenes, F. n., Horns, J. J., Ehrlich, P. R., Daily, G. C.  
2019
- **Four priorities for new links between conservation science and accounting research.** *Conservation biology : the journal of the Society for Conservation Biology*  
Feger, C., Mermet, L., Vira, B., Addison, P. F., Barker, R., Birkin, F., Burns, J., Cooper, S., Couvet, D., Cuckston, T., Daily, G. C., Dey, C., Gallagher, et al  
2018
- **A global test of ecoregions.** *Nature ecology & evolution*  
Smith, J. R., Letten, A. D., Ke, P., Anderson, C. B., Hendershot, J. N., Dhimi, M. K., Dlott, G. A., Grainger, T. N., Howard, M. E., Morrison, B. M., Routh, D., San Juan, P. A., Mooney, et al  
2018
- **Predicting effects of large-scale reforestation on native and exotic birds** *DIVERSITY AND DISTRIBUTIONS*  
Pejchar, L., Gallo, T., Hooten, M. B., Daily, G. C.  
2018; 24 (6): 811–19
- **The impact on rural livelihoods and ecosystem services of a major relocation and settlement program: A case in Shaanxi, China** *AMBIO*  
Li, C., Li, S., Feldman, M. W., Li, J., Zheng, H., Daily, G. C.  
2018; 47 (2): 245–59

- **Response to Kabisch and Colleagues** *BIOSCIENCE*  
Rieb, J. T., Chaplin-Kramer, R., Daily, G. C., Armsworth, P. R., Boehning-Gaese, K., Bonn, A., Cumming, G. S., Eigenbrod, F., Grimm, V., Jackson, B. M., Marques, A., Pattanayak, S. K., Pereira, et al  
2018; 68 (3): 167–68
- **Mainstreaming investments in watershed services to enhance water security: Barriers and opportunities** *ENVIRONMENTAL SCIENCE & POLICY*  
Vogl, A. L., Goldstein, J. H., Daily, G. C., Vira, B., Bremer, L., McDonald, R. I., Shemie, D., Tellman, B., Cassin, J.  
2017; 75: 19–27
- **When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models** *BIOSCIENCE*  
Rieb, J. T., Chaplin-Kramer, R., Daily, G. C., Armsworth, P. R., Boehning-Gaese, K., Bonn, A., Cumming, G. S., Eigenbrod, F., Grimm, V., Jackson, B. M., Marques, A., Pattanayak, S. K., Pereira, et al  
2017; 67 (9): 820–33
- **REPLY TO YANG ET AL.: Coastal wetlands are not well represented by protected areas for endangered birds** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Xu, W., Xiao, Y., Zhang, J., Yang, W., Zhang, L., Hull, V., Wang, Z., Zheng, H., Liu, J., Polasky, S., Jiang, L., Xiao, Y., Shi, et al  
2017; 114 (28): E5493
- **A novel framework to account for ecological drivers in the control and elimination of environmentally transmitted disease: a modelling study**  
De Leo, G. A., Sokolow, S. H., Garchitorena, A., Ngonghala, C. N., Lund, A., Barry, M., Burke, K. S., Mordecai, E. A., Daily, G. C., Jones, J. H., Andrews, J. R., Bendavid, E., Luby, et al  
ELSEVIER SCIENCE INC.2017: 5
- **Anthropogenic impacts on Costa Rican bat parasitism are sex specific.** *Ecology and evolution*  
Frank, H. K., Mendenhall, C. D., Judson, S. D., Daily, G. C., Hadly, E. A.  
2016; 6 (14): 4898-909
- **Nature's bounties: reliance on pollinators for health** *LANCET*  
Daily, G. C., Karp, D. S.  
2015; 386 (10007): 1925–27
- **Reply to Kirchhoff: Homogenous and mutually exclusive conservation typologies are neither possible nor desirable** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Karp, D. S., Mendenhall, C. D., Callaway, E., Frishkoff, L. O., Kareiva, P. M., Ehrlich, P. R., Daily, G. C.  
2015; 112 (44): E5906
- **Loss of avian phylogenetic diversity in neotropical agricultural systems.** *Science*  
Frishkoff, L. O., Karp, D. S., M'Gonigle, L. K., Mendenhall, C. D., Zook, J., Kremen, C., Hadly, E. A., Daily, G. C.  
2014; 345 (6202): 1343-1346
- **COMMENTARY: Climate engineering reconsidered** *NATURE CLIMATE CHANGE*  
Barrett, S., Lenton, T. M., Millner, A., Tavoni, A., Carpenter, S., Anderies, J. M., Chapin, F. S., Crepin, A., Daily, G., Ehrlich, P., Folke, C., Galaz, V., Hughes, et al  
2014; 4 (7): 527-529
- **Introducing the Scientific Consensus on Maintaining Humanity's Life Support Systems in the 21 st Century: Information for Policy Makers** *ANTHROPOCENE REVIEW*  
Barnosky, A. D., Brown, J. H., Daily, G. C., Dirzo, R., Ehrlich, A. H., Ehrlich, P. R., Eronen, J. T., Fortelius, M., Hadly, E. A., Leopold, E. B., Mooney, H. A., Myers, J., Naylor, et al  
2014; 1 (1): 78–109
- **Social Norms and Global Environmental Challenges: The Complex Interaction of Behaviors, Values, and Policy.** *Bioscience*  
Kinzig, A. P., Ehrlich, P. R., Alston, L. J., Arrow, K., Barrett, S., Buchman, T. G., Daily, G. C., Levin, B., Levin, S., Oppenheimer, M., Ostrom, E., Saari, D.  
2013; 63 (3): 164-175
- **Conservation: Limits of Land Sparing** *SCIENCE*  
Fischer, J., Batary, P., Bawa, K. S., Brussaard, L., Chappell, M., Clough, Y., Daily, G. C., Dorrough, J., Hartel, T., Jackson, L. E., Klein, A. M., Kremen, C., Kuemmerle, et al  
2011; 334 (6056): 593

- **Mainstreaming natural capital into decisions** *NATURAL CAPITAL: THEORY & PRACTICE OF MAPPING ECOSYSTEM SERVICES*  
Daily, G. C., Kareiva, P. M., Polasky, S., Ricketts, T. H., Tallis, H., Kareiva, P., Tallis, H., Ricketts, T. H., Daily, G. C., Polasky, S.  
2011: 3–14
- **Terrestrial biodiversity** *NATURAL CAPITAL: THEORY & PRACTICE OF MAPPING ECOSYSTEM SERVICES*  
Nelson, E., Cameron, D., Regetz, J., Polasky, S., Daily, G. C., Kareiva, P., Tallis, H., Ricketts, T. H., Daily, G. C., Polasky, S.  
2011: 229–45
- **Looming Global-Scale Failures and Missing Institutions** *SCIENCE*  
Walker, B., Barrett, S., Polasky, S., Galaz, V., Folke, C., Engstrom, G., Ackerman, F., Arrow, K., Carpenter, S., Chopra, K., Daily, G., Ehrlich, P., Hughes, et al  
2009; 325 (5946): 1345–1346
- **Fostering constructive debate: a reply to Chappell et al.** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*  
Fischer, J., Brosi, B., Daily, G. C., Ehrlich, P. R., Goldman, R., Goldstein, J., Lindenmayer, D. B., Manning, A. D., Mooney, H. A., Pejchar, L., Ranganathan, J., Tallis, H.  
2009; 7 (4): 84
- **Agricultural landscapes remain an essential front for biodiversity conservation Reply** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Ranganathan, J., Daniels, R., Chandran, M., Ehrlich, P. R., Daily, G. C.  
2009; 106 (14): E35
- **Consumption, investment, and future well-being: Reply to Daly et al.** *CONSERVATION BIOLOGY*  
Arrow, K. J., Daily, G., Dasgupta, P., Ehrlich, P., Goulder, L., Heal, G., Levin, S., Maler, K., Schneider, S., Starrett, D., Walker, B.  
2007; 21 (5): 1363–1365
- **Population diversity and ecosystem services** *TRENDS IN ECOLOGY & EVOLUTION*  
Luck, G. W., Daily, G. C., Ehrlich, P. R.  
2003; 18 (7): 331–36
- **Influence of social status on individual foraging and community structure in a bird guild.** *Oecologia*  
Daily, G. C., Ehrlich, P. R.  
1994; 100 (1-2): 153–165
- **HEARTWOOD DECAY AND VERTICAL-DISTRIBUTION OF RED-NAPED SAPSUCKER NEST CAVITIES** *WILSON BULLETIN*  
DAILY, G. C.  
1993; 105 (4): 674–79
- **Determinants of spatial distribution in a population of the subalpine butterfly *Oeneis chryxus*.** *Oecologia*  
Daily, G. C., Ehrlich, P. R., Wheye, D.  
1991; 88 (4): 587–596
- **Does Poverty Matter in Payment for Ecosystem Services Program? Participation in the New Stage Sloping Land Conversion Program** *SUSTAINABILITY*  
Ren, L., Li, J., Li, C., Li, S., Daily, G. C.  
2018; 10 (6)
- **Reply to Bridgewater and Babin: Need for a new protected area category for ecosystem services.** *Proceedings of the National Academy of Sciences of the United States of America*  
Xu, W., Xiao, Y., Zhang, J., Yang, W., Zhang, L., Hull, V., Wang, Z., Zheng, H., Liu, J., Polasky, S., Jiang, L., Xiao, Y., Shi, et al  
2017; 114 (22): E4319–E4320
- **Life cycle assessment needs predictive spatial modelling for biodiversity and ecosystem services** *NATURE COMMUNICATIONS*  
Chaplin-Kramer, R., Sim, S., Hamel, P., Bryant, B., Noe, R., Mueller, C., Rigarsford, G., Kulak, M., Kowal, V., Sharp, R., Clavreul, J., Price, E., Polasky, et al  
2017; 8
- **Strengthening protected areas for biodiversity and ecosystem services in China.** *Proceedings of the National Academy of Sciences of the United States of America*  
Xu, W., Xiao, Y., Zhang, J., Yang, W., Zhang, L., Hull, V., Wang, Z., Zheng, H., Liu, J., Polasky, S., Jiang, L., Xiao, Y., Shi, et al  
2017; 114 (7): 1601–1606

- **Sustainable intensification of agriculture for human prosperity and global sustainability** *AMBIO*  
Rockstrom, J., Williams, J., Daily, G., Noble, A., Matthews, N., Gordon, L., Wetterstrand, H., DeClerck, F., Shah, M., Steduto, P., de Fraiture, C., Hatibu, N., Unver, et al  
2017; 46 (1): 4-17
- **Phylogeny, Traits, and Biodiversity of a Neotropical Bat Assemblage: Close Relatives Show Similar Responses to Local Deforestation.** *The American naturalist*  
Frank, H. K., Frishkoff, L. O., Mendenhall, C. D., Daily, G. C., Hadly, E. A.  
2017; 190 (2): 200-212
- **Using ecosystem service trade-offs to inform water conservation policies and management practices** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*  
Zheng, H., Li, Y., Robinson, B. E., Liu, G., Ma, D., Wang, F., Lu, F., Ouyang, Z., Daily, G. C.  
2016; 14 (10): 527-532
- **Quantifying and sustaining biodiversity in tropical agricultural landscapes.** *Proceedings of the National Academy of Sciences of the United States of America*  
Mendenhall, C. D., Shields-Estrada, A., Krishnaswami, A. J., Daily, G. C.  
2016
- **Climate change and habitat conversion favour the same species** *ECOLOGY LETTERS*  
Frishkoff, L. O., Karp, D. S., Flanders, J. R., Zook, J., Hadly, E. A., Daily, G. C., M'Gonigle, L. K.  
2016; 19 (9): 1081-1090
- **Anthropogenic impacts on Costa Rican bat parasitism are sex specific** *ECOLOGY AND EVOLUTION*  
Frank, H. K., Mendenhall, C. D., Judson, S. D., Daily, G. C., Hadly, E. A.  
2016; 6 (14): 4898-4909
- **Improvements in ecosystem services from investments in natural capital** *SCIENCE*  
Ouyang, Z., Zheng, H., Xiao, Y., Polasky, S., Liu, J., Xu, W., Wang, Q., Zhang, L., Xiao, Y., Rao, E., Jiang, L., Lu, F., Wang, et al  
2016; 352 (6292): 1455-1459
- **Valuation of ecosystem services to inform management of multiple-use landscapes** *ECOSYSTEM SERVICES*  
Ma, S., Duggan, J. M., Eichelberger, B. A., McNally, B. W., Foster, J. R., Pepi, E., Conte, M. N., Daily, G. C., Ziv, G.  
2016; 19: 6-18
- **Impacts of Land-Use Change on Groundwater Supply: Ecosystem Services Assessment in Kona, Hawaii** *JOURNAL OF WATER RESOURCES PLANNING AND MANAGEMENT*  
Brauman, K. A., Freyberg, D. L., Daily, G. C.  
2015; 141 (12)
- **Tropical countryside riparian corridors provide critical habitat and connectivity for seed-dispersing forest birds in a fragmented landscape** *JOURNAL OF ORNITHOLOGY*  
Sekercioglu, C. H., Loarie, S. R., Oviedo-Brenes, F., Mendenhall, C. D., Daily, G. C., Ehrlich, P. R.  
2015; 156: S343-S353
- **Thermal niche predicts tolerance to habitat conversion in tropical amphibians and reptiles** *GLOBAL CHANGE BIOLOGY*  
Frishkoff, L. O., Hadly, E. A., Daily, G. C.  
2015; 21 (11): 3901-3916
- **Confronting and resolving competing values behind conservation objectives** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Karpa, D. S., Mendenhall, C. D., Callaway, E., Frishkoff, L. O., Kareiva, P. M., Ehrlich, P. R., Daily, G. C.  
2015; 112 (35): 11132-11137
- **Confronting and resolving competing values behind conservation objectives.** *Proceedings of the National Academy of Sciences of the United States of America*  
Karp, D. S., Mendenhall, C. D., Callaway, E., Frishkoff, L. O., Kareiva, P. M., Ehrlich, P. R., Daily, G. C.  
2015; 112 (35): 11132-11137
- **Nature experience reduces rumination and subgenual prefrontal cortex activation.** *Proceedings of the National Academy of Sciences of the United States of America*  
Bratman, G. N., Hamilton, J. P., Hahn, K. S., Daily, G. C., Gross, J. J.



2015; 112 (28): 8567-8572

- **Notes from the field: Lessons learned from using ecosystem service approaches to inform real-world decisions** *ECOLOGICAL ECONOMICS*  
Ruckelshaus, M., Mckenzie, E., Tallis, H., Guerry, A., Daily, G., Kareiva, P., Polasky, S., Ricketts, T., Bhagabati, N., Wood, S. A., Bernhardt, J.  
2015; 115: 11-21
- **Impacts of conservation and human development policy across stakeholders and scales** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Li, C., Zheng, H., Li, S., Chen, X., Li, J., Zeng, W., Liang, Y., Polasky, S., Feldman, M. W., Ruckelshaus, M., Ouyang, Z., Daily, G. C.  
2015; 112 (24): 7396-7401
- **Natural capital and ecosystem services informing decisions: From promise to practice** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Guerry, A. D., Polasky, S., Lubchenco, J., Chaplin-Kramer, R., Daily, G. C., Griffin, R., Ruckelshaus, M., Bateman, I. J., Duraiappah, A., Elmqvist, T., Feldman, M. W., Folke, C., Hoekstra, et al  
2015; 112 (24): 7348-7355
- **The benefits of nature experience: Improved affect and cognition** *LANDSCAPE AND URBAN PLANNING*  
Bratman, G. N., Daily, G. C., Levy, B. J., Gross, J. J.  
2015; 138: 41-50
- **A Protocol for eliciting nonmaterial values through a cultural ecosystem services frame** *CONSERVATION BIOLOGY*  
Gould, R. K., Klain, S. C., Ardoin, N. M., Satterfield, T., Woodside, U., Hannahs, N., Daily, G. C., Chan, K. M.  
2015; 29 (2): 575-586
- **Pollen Carried By Native and Nonnative Bees in the Large-scale Reforestation of Pastureland in Hawai'i: Implications for Pollination** *PACIFIC SCIENCE*  
Miller, A. E., Brosi, B. J., Magnacca, K., Daily, G. C., Pejchar, L.  
2015; 69 (1): 67-79
- **Loss of avian phylogenetic diversity in neotropical agricultural systems** *SCIENCE*  
Frishkoff, L. O., Karp, D. S., M'Gonigle, L. K., Mendenhall, C. D., Zook, J., Kremen, C., Hadly, E. A., Daily, G. C.  
2014; 345 (6202): 1343-1346
- **Predicting biodiversity change and averting collapse in agricultural landscapes.** *Nature*  
Mendenhall, C. D., Karp, D. S., Meyer, C. F., Hadly, E. A., Daily, G. C.  
2014; 509 (7499): 213-217
- **Predicting biodiversity change and averting collapse in agricultural landscapes** *NATURE*  
Mendenhall, C. D., Karp, D. S., Meyer, C. F., Hadly, E. A., Daily, G. C.  
2014; 509 (7499): 213-?
- **Countryside biogeography of Neotropical reptiles and amphibians** *ECOLOGY*  
Mendenhall, C. D., Frishkoff, L. O., Santos-Barrera, G., Pacheco, J., Mesfun, E., Mendoza Quijano, F., Ehrlich, P. R., Ceballos, G., Daily, G. C., Pringle, R. M.  
2014; 95 (4): 856-870
- **Cascading effects of insectivorous birds and bats in tropical coffee plantations** *ECOLOGY*  
Karp, D. S., Daily, G. C.  
2014; 95 (4): 1065-1074
- **The forest has a story: cultural ecosystem services in Kona, Hawai'i** *ECOLOGY AND SOCIETY*  
Gould, R. K., Ardoin, N. M., Woodside, U., Satterfield, T., Hannahs, N., Daily, G. C.  
2014; 19 (3)
- **Molecular diagnosis of bird-mediated pest consumption in tropical farmland.** *SpringerPlus*  
Karp, D. S., Judson, S., Daily, G. C., Hadly, E. A.  
2014; 3: 630-?
- **Molecular diagnosis of bird-mediated pest consumption in tropical farmland.** *SpringerPlus*  
Karp, D. S., Judson, S., Daily, G. C., Hadly, E. A.  
2014; 3: 630-?

- **Forest bolsters bird abundance, pest control and coffee yield** *ECOLOGY LETTERS*  
Karp, D. S., Mendenhall, C. D., Sandi, R. F., Chaumont, N., Ehrlich, P. R., Hadly, E. A., Daily, G. C.  
2013; 16 (11): 1339-1347
- **Benefits, costs, and livelihood implications of a regional payment for ecosystem service program** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Zheng, H., Robinson, B. E., Liang, Y., Polasky, S., Ma, D., Wang, F., Ruckelshaus, M., Ouyang, Z., Daily, G. C.  
2013; 110 (41): 16681-16686
- **Benefits, costs, and livelihood implications of a regional payment for ecosystem service program** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Zheng, H., Robinson, B. E., Liang, Y., Polasky, S., Ma, D., Wang, F., Ruckelshaus, M., Ouyang, Z., Daily, G. C.  
2013; 110 (41): 16681-16686
- **Social-ecological systems as complex adaptive systems: modeling and policy implications** *ENVIRONMENT AND DEVELOPMENT ECONOMICS*  
Levin, S., Xepapadeas, T., Crepin, A., Norberg, J., De Zeeuw, A., Folke, C., Hughes, T., Arrow, K., Barrett, S., Daily, G., Ehrlich, P., Kautsky, N., Maler, et al  
2013; 18: 111-132
- **Forest Restoration and Parasitoid Wasp Communities in Montane Hawai'i** *PLOS ONE*  
Gould, R. K., Pejchar, L., Bothwell, S. G., Brosi, B., Wolny, S., Mendenhall, C. D., Daily, G.  
2013; 8 (3)
- **Social Norms and Global Environmental Challenges: The Complex Interaction of Behaviors, Values, and Policy** *BIOSCIENCE*  
Kinzig, A. P., Ehrlich, P. R., Alston, L. J., Arrow, K., Barrett, S., Buchman, T. G., Daily, G. C., Levin, B., Levin, S., Oppenheimer, M., Ostrom, E., Saari, D.  
2013; 63 (3): 164-175
- **Restoring Native Forest Understory: The Influence of Ferns and Light in a Hawaiian Experiment** *SUSTAINABILITY*  
Gould, R. K., Mooney, H., Nelson, L., Shallenberger, R., Daily, G. C.  
2013; 5 (3): 1317-1339
- **Forest restoration and parasitoid wasp communities in montane Hawai'i.** *PLoS one*  
Gould, R. K., Pejchar, L., Bothwell, S. G., Brosi, B., Wolny, S., Mendenhall, C. D., Daily, G.  
2013; 8 (3)
- **Asset endowments, non-farm participation and local separability in remote rural China** *CHINA AGRICULTURAL ECONOMIC REVIEW*  
Liang, Y., Feldman, M. W., Li, S., Daily, G. C.  
2013; 5 (1): 66-88
- **Intensive agriculture erodes beta-diversity at large scales** *ECOLOGY LETTERS*  
Karp, D. S., Rominger, A. J., Zook, J., Ranganathan, J., Ehrlich, P. R., Daily, G. C.  
2012; 15 (9): 963-970
- **Land cover effects on groundwater recharge in the tropics: ecohydrologic mechanisms** *ECOHYDROLOGY*  
Brauman, K. A., Freyberg, D. L., Daily, G. C.  
2012; 5 (4): 435-444
- **Improving estimates of biodiversity loss** *BIOLOGICAL CONSERVATION*  
Mendenhall, C. D., Daily, G. C., Ehrlich, P. R.  
2012; 151 (1): 32-34
- **Securing natural capital and expanding equity to rescale civilization** *NATURE*  
Ehrlich, P. R., Kareiva, P. M., Daily, G. C.  
2012; 486 (7401): 68-73
- **Biodiversity loss and its impact on humanity** *NATURE*  
Cardinale, B. J., Duffy, J. E., Gonzalez, A., Hooper, D. U., Perrings, C., Venail, P., Narwani, A., Mace, G. M., Tilman, D., Wardle, D. A., Kinzig, A. P., Daily, G. C., Loreau, et al  
2012; 486 (7401): 59-67
- **Potential evapotranspiration from forest and pasture in the tropics: A case study in Kona, Hawai ' i** *JOURNAL OF HYDROLOGY*

- Brauman, K. A., Freyberg, D. L., Daily, G. C.  
2012; 440: 52-61
- **Integrating ecosystem-service tradeoffs into land-use decisions** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Goldstein, J. H., Caldarone, G., Duarte, T. K., Ennaanay, D., Hannahs, N., Mendoza, G., Polasky, S., Wolny, S., Daily, G. C.  
2012; 109 (19): 7565-7570
  - **Does household composition matter? The impact of the Grain for Green Program on rural livelihoods in China** *ECOLOGICAL ECONOMICS*  
Liang, Y., Li, S., Feldman, M. W., Daily, G. C.  
2012; 75: 152-160
  - **The impacts of nature experience on human cognitive function and mental health** *YEAR IN ECOLOGY AND CONSERVATION BIOLOGY*  
Bratman, G. N., Hamilton, J. P., Daily, G. C.  
2012; 1249: 118-136
  - **Does Out-migration Reshape Rural Households' Livelihood Capitals in the Source Communities? Recent Evidence from Western China** *ASIAN AND PACIFIC MIGRATION JOURNAL*  
Li, C., Li, S., Feldman, M. W., Daily, G. C., Li, J.  
2012; 21 (1): 1-30
  - **Water funds and payments for ecosystem services: practice learns from theory and theory can learn from practice** *ORYX*  
Goldman-Benner, R. L., Benitez, S., Boucher, T., Calvache, A., Daily, G., Kareiva, P., Kroeger, T., Ramos, A.  
2012; 46 (1): 55-63
  - **Resilience and stability in bird guilds across tropical countryside** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Karp, D. S., Ziv, G., Zook, J., Ehrlich, P. R., Daily, G. C.  
2011; 108 (52): 21134-21139
  - **Reconnecting to the Biosphere** *AMBIO*  
Folke, C., Jansson, A., Rockstrom, J., Olsson, P., Carpenter, S. R., Chapin, F. S., Crepin, A., Daily, G., Danell, K., Ebbesson, J., Elmqvist, T., Galaz, V., Moberg, et al  
2011; 40 (7): 719-738
  - **Predictive model for sustaining biodiversity in tropical countryside** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Mendenhall, C. D., Sekercioglu, C. H., Brenes, F. O., Ehrlich, P. R., Daily, G. C.  
2011; 108 (39): 16313-16316
  - **Rural household income and inequality under the Sloping Land Conversion Program in western China** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Li, J., Feldman, M. W., Li, S., Daily, G. C.  
2011; 108 (19): 7721-7726
  - **Solutions to environmental threats.** *Scientific American*  
Daily, G. C., Howarth, R., Vaccari, D., Morris, A. C., Lambin, E. F., Doney, S. C., Gleick, P. H., Fahey, D. W.  
2010; 302 (4): 58-60
  - **Forest structure influences on rainfall partitioning and cloud interception: A comparison of native forest sites in Kona, Hawai'i** *AGRICULTURAL AND FOREST METEOROLOGY*  
Brauman, K. A., Freyberg, D. L., Daily, G. C.  
2010; 150 (2): 265-275
  - **Detecting changes in habitat-scale bee foraging in a tropical fragmented landscape using stable isotopes** *FOREST ECOLOGY AND MANAGEMENT*  
Brosi, B. J., Daily, G. C., Chamberlain, C. P., Mills, M.  
2009; 258 (9): 1846-1855
  - **Environment. Looming global-scale failures and missing institutions.** *Science*  
Walker, B., Barrett, S., Polasky, S., Galaz, V., Folke, C., Engström, G., Ackerman, F., Arrow, K., Carpenter, S., Chopra, K., Daily, G., Ehrlich, P., Hughes, et al  
2009; 325 (5946): 1345-1346

- **Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*  
Nelson, E., Mendoza, G., Regetz, J., Polasky, S., Tallis, H., Cameron, D. R., Chan, K. M., Daily, G. C., Goldstein, J., Kareiva, P. M., Lonsdorf, E., Naidoo, R., Ricketts, et al  
2009; 7 (1): 4-11
- **Ecosystem services in decision making: time to deliver** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*  
Daily, G. C., Polasky, S., Goldstein, J., Kareiva, P. M., Mooney, H. A., Pejchar, L., Ricketts, T. H., Salzman, J., Shallenberger, R.  
2009; 7 (1): 21-28
- **The payoff of conservation investments in tropical countryside** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Chan, K. M., Daily, G. C.  
2008; 105 (49): 19342-19347
- **Using return-on-investment to guide restoration: a case study from Hawaii** *CONSERVATION LETTERS*  
Goldstein, J. H., Pejchar, L., Daily, G. C.  
2008; 1 (5): 236-243
- **Sustaining biodiversity in ancient tropical countryside** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Ranganathan, J., Daniels, R. J., Chandran, M. D., Ehrlich, P. R., Daily, G. C.  
2008; 105 (46): 17852-17854
- **Should agricultural policies encourage land sparing or wildlife-friendly farming?** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*  
Fischer, J., Brosi, B., Daily, G. C., Ehrlich, P. R., Goldman, R., Goldstein, J., Lindenmayer, D. B., Manning, A. D., Mooney, H. A., Pejchar, L., Ranganathan, J., Tallis, H.  
2008; 6 (7): 382-387
- **Ecosystem services: From theory to implementation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Daily, G. C., Matson, P. A.  
2008; 105 (28): 9455-9456
- **Field evidence that ecosystem service projects support biodiversity and diversify options** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Goldman, R. L., Tallis, H., Kareiva, P., Daily, G. C.  
2008; 105 (27): 9445-9448
- **Inadequate assessment of the ecosystem service rationale for conservation: Reply to Ghazoul** *CONSERVATION BIOLOGY*  
Kremen, C., Daily, G. C., Klein, A., Scofield, D.  
2008; 22 (3): 795-798
- **Diversity, natural history and conservation of amphibians and reptiles from the San Vito Region, southwestern Costa Rica** *REVISTA DE BIOLOGIA TROPICAL*  
Santos-Barrera, G., Pacheco, J., Mendoza-Quijano, F., Bolanos, F., Chaves, G., Daily, G. C., Ehrlich, P. R., Ceballos, G.  
2008; 56 (2): 755-778
- **The effects of forest fragmentation on bee communities in tropical countryside** *JOURNAL OF APPLIED ECOLOGY*  
Brosi, B. J., Daily, G. C., Shih, T. M., Oviedo, F., Duran, G.  
2008; 45 (3): 773-783
- **Assessing the conservation value of a human-dominated island landscape: Plant diversity in Hawaii** *BIODIVERSITY AND CONSERVATION*  
Goldman, R. L., Goldstein, L. P., Daily, G. C.  
2008; 17 (7): 1765-1781
- **Optimal design of agricultural landscapes for pollination services** *CONSERVATION LETTERS*  
Brosi, B. J., Armsworth, P. R., Daily, G. C.  
2008; 1 (1): 27-36
- **Birds as agents of seed dispersal in a human-dominated landscape in southern Costa Rica** *BIOLOGICAL CONSERVATION*

- Pejchar, L., Pringle, R. M., Ranganathan, J., Zook, J. R., Duran, G., Oviedo, F., Daily, G. C.  
2008; 141 (2): 536-544
- **Institutional incentives for managing the landscape: Inducing cooperation for the production of ecosystem services** *ECOLOGICAL ECONOMICS*  
Goldman, R. L., Thompson, B. H., Daily, G. C.  
2007; 64 (2): 333-343
  - **Ecosystem-service science and the way forward for conservation** *CONSERVATION BIOLOGY*  
Armsworth, P. R., Chan, K. M., Daily, G. C., Ehrlich, P. R., Kremen, C., Ricketts, T. H., Sanjayan, M. A.  
2007; 21 (6): 1383-1384
  - **Satellite detection of bird communities in tropical countryside** *ECOLOGICAL APPLICATIONS*  
Ranganathan, J., Chan, K. M., Daily, G. C.  
2007; 17 (5): 1499-1510
  - **Persistence of forest birds in the Costa Rican agricultural countryside** *CONSERVATION BIOLOGY*  
Sekercioglu, C. H., Loarie, S. R., Brenes, F. O., Ehrlich, P. R., Daily, G. C.  
2007; 21 (2): 482-494
  - **Bee community shifts with landscape context in a tropical countryside** *ECOLOGICAL APPLICATIONS*  
Brosi, B. J., Daily, G. C., Ehrlich, P. R.  
2007; 17 (2): 418-430
  - **Evaluating the potential for conservation development: Biophysical, economic, and institutional perspectives** *CONSERVATION BIOLOGY*  
Pejchar, L., Morgan, P. M., Caldwell, M. R., Palmer, C., Daily, G. C.  
2007; 21 (1): 69-78
  - **Range occupancy and endangerment: A test with a butterfly community** *AMERICAN MIDLAND NATURALIST*  
Goehring, D. M., Daily, G. C., Dasgupta, S., Ehrlich, P. R.  
2007; 157 (1): 106-120
  - **The nature and value of ecosystem services: An overview highlighting hydrologic services** *ANNUAL REVIEW OF ENVIRONMENT AND RESOURCES*  
Brauman, K. A., Daily, G. C., Duarte, T. K., Mooney, H. A.  
2007; 32: 67-98
  - **Modeling biodiversity dynamics in countryside landscapes** *ECOLOGY*  
Pereira, H. M., Daily, G. C.  
2006; 87 (8): 1877-1885
  - **Business strategies for conservation on private lands: Koa forestry as a case study** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Goldstein, J. H., Daily, G. C., Friday, J. B., Matson, P. A., Naylor, R. A.  
2006; 103 (26): 10140-10145
  - **The diversity and conservation of plant reproductive and dispersal functional traits in human-dominated tropical landscapes** *JOURNAL OF ECOLOGY*  
Mayfield, M. M., Ackerly, D., Daily, G. C.  
2006; 94 (3): 522-536
  - **Land market feedbacks can undermine biodiversity conservation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Armsworth, P. R., Daily, G. C., Kareiva, P., Sanchirico, J. N.  
2006; 103 (14): 5403-5408
  - **Diversity, natural history and conservation of mammals from San Vito de Coto Brus, Costa Rica.** *REVISTA DE BIOLOGIA TROPICAL*  
Pacheco, J., Ceballos, G., Daily, G. C., Ehrlich, P. R., Suzan, G., Rodriguez-Herrera, B., Marce, E.  
2006; 54 (1): 219-240
  - **Species and functional diversity of native and human-dominated plant communities** *ECOLOGY*  
Mayfield, M. M., Boni, M. E., Daily, G. C., Ackerly, D.  
2005; 86 (9): 2365-2372

- **Global consequences of land use** *SCIENCE*  
Foley, J. A., Defries, R., Asner, G. P., Barford, C., Bonan, G., Carpenter, S. R., Chapin, F. S., Coe, M. T., Daily, G. C., Gibbs, H. K., Helkowski, J. H., Holloway, T., Howard, et al  
2005; 309 (5734): 570-574
- **Ecosystem services of tropical dry forests: Insights from long-term ecological and social research on the Pacific Coast of Mexico** *ECOLOGY AND SOCIETY*  
Maass, J. M., Balvanera, P., Castillo, A., Daily, G. C., Mooney, H. A., Ehrlich, P., Quesada, M., Miranda, A., Jaramillo, V. J., Garcia-Oliva, F., Martinez-Yrizar, A., Cotler, H., Lopez-Blanco, et al  
2005; 10 (1)
- **Countryside biogeography of neotropical herbaceous and shrubby plants** *ECOLOGICAL APPLICATIONS*  
Mayfield, M. M., Daily, G. C.  
2005; 15 (2): 423-439
- **Ecosystem consequences of bird declines** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Sekercioglu, C. H., Daily, G. C., Ehrlich, P. R.  
2004; 101 (52): 18042-18047
- **Economic value of tropical forest to coffee production** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Ricketts, T. H., Daily, G. C., Ehrlich, P. R., Michener, C. D.  
2004; 101 (34): 12579-12582
- **Are we consuming too much?** *JOURNAL OF ECONOMIC PERSPECTIVES*  
Arrow, K., Dasgupta, P., Goulder, L., Daily, G., Ehrlich, P., Heal, G., Levin, S., Maler, K. G., Schneider, S., Starrett, D., Walker, B.  
2004; 18 (3): 147-172
- **Genetic diversity and interdependent crop choices in agriculture** *Workshop on Economics and Biodiversity*  
Heal, G., Walker, B., Levin, S., Arrow, K., Dasgupta, P., Daily, G., Ehrlich, P., Maler, K. G., Kautsky, N., Lubchenco, J., Schneider, S., Starrett, D.  
ELSEVIER SCIENCE BV.2004: 175-84
- **A framework for assessing the relative vulnerability of species to land-use change** *ECOLOGICAL APPLICATIONS*  
Pereira, H. M., Daily, G. C., Roughgarden, J.  
2004; 14 (3): 730-742
- **Alleviating spatial conflict between people and biodiversity** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Luck, G. W., Ricketts, T. H., Daily, G. C., Imhoff, M.  
2004; 101 (1): 182-186
- **Countryside biogeography of neotropical mammals: Conservation opportunities in agricultural landscapes of Costa Rica** *CONSERVATION BIOLOGY*  
Daily, G. C., Ceballos, G., Pacheco, J., Suzan, G., Sanchez-Azofeifa, A.  
2003; 17 (6): 1814-1826
- **Countryside biogeography of tropical butterflies** *CONSERVATION BIOLOGY*  
Horner-Devine, M. C., Daily, G. C., Ehrlich, P. R., Boggs, C. L.  
2003; 17 (1): 168-177
- **Tropical countryside bird assemblages: Richness, composition, and foraging differ by landscape context** *ECOLOGICAL APPLICATIONS*  
Luck, G. W., Daily, G. C.  
2003; 13 (1): 235-247
- **Effects of household dynamics on resource consumption and biodiversity** *NATURE*  
Liu, J. G., Daily, G. C., Ehrlich, P. R., Luck, G. W.  
2003; 421 (6922): 530-533
- **Integrity and isolation of Costa Rica's national parks and biological reserves: examining the dynamics of land-cover change** *BIOLOGICAL CONSERVATION*  
Sanchez-Azofeifa, G. A., Daily, G. C., Pfaff, A. S., Busch, C.  
2003; 109 (1): 123-135

- **Distribution of ground-dwelling arthropods in tropical countryside habitats** *JOURNAL OF INSECT CONSERVATION*  
Goehring, D. M., Daily, G. C., Sekercioglu, C. H.  
2002; 6 (2): 83-91
- **Does butterfly diversity predict moth diversity? Testing a popular indicator taxon at local scales** *BIOLOGICAL CONSERVATION*  
Ricketts, T. H., Daily, G. C., Ehrlich, P. R.  
2002; 103 (3): 361-370
- **Disappearance of insectivorous birds from tropical forest fragments** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Sekercioglu, C. H., Ehrlich, P. R., Daily, G. C., Aygen, D., Goehring, D., Sandi, R. F.  
2002; 99 (1): 263-267
- **Conservation of tropical forest birds in countryside habitats** *ECOLOGY LETTERS*  
Hughes, J. B., Daily, G. C., Ehrlich, P. R.  
2002; 5 (1): 121-129
- **Ecological forecasts** *NATURE*  
Daily, G. C.  
2001; 411 (6835): 245-245
- **Countryside biogeography of moths in a fragmented landscape: Biodiversity in native and agricultural habitats** *CONSERVATION BIOLOGY*  
Ricketts, T. H., Daily, G. C., Ehrlich, P. R., Fay, J. P.  
2001; 15 (2): 378-388
- **Conserving biodiversity and ecosystem services** *SCIENCE*  
Balvanera, P., Daily, G. C., Ehrlich, P. R., Ricketts, T. H., Bailey, S. A., Kark, S., Kremen, C., Pereira, H.  
2001; 291 (5511): 2047-2047
- **Countryside biogeography: Use of human-dominated habitats by the avifauna of southern Costa Rica** *ECOLOGICAL APPLICATIONS*  
Daily, G. C., Ehrlich, P. R., Sanchez-Azofeifa, G. A.  
2001; 11 (1): 1-13
- **Conservation of insect diversity: a habitat approach** *CONSERVATION BIOLOGY*  
Hughes, J. B., Daily, G. C., Ehrlich, P. R.  
2000; 14 (6): 1788-1797
- **Ecology - The value of nature and the nature of value** *SCIENCE*  
Daily, G. C., Soderqvist, T., Aniyar, S., Arrow, K., Dasgupta, P., Ehrlich, P. R., Folke, C., Jansson, A., Jansson, B. O., Kautsky, N., Levin, S., Lubchenco, J., Maler, et al  
2000; 289 (5478): 395-396
- **Economic incentives for rain forest conservation across scales** *SCIENCE*  
Kremen, C., Niles, J. O., Dalton, M. G., Daily, G. C., Ehrlich, P. R., Fay, J. P., Grewal, D., Guillery, R. P.  
2000; 288 (5472): 1828-1832
- **Managing ecosystem resources** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*  
Arrow, K., Daily, G., Dasgupta, P., Levin, S., Maler, K. G., Maskin, E., Starrett, D., Sterner, T., Tietenberg, T.  
2000; 34 (8): 1401-1406
- **Seeking the great transition** *NATURE*  
Daily, G. C., Walker, B. H.  
2000; 403 (6767): 243-245
- **Knowledge and the environment** *ECOLOGICAL ECONOMICS*  
Ehrlich, P. R., Wolff, G., Daily, G. C., Hughes, J. B., Daily, S., DALTON, M., Goulder, L.  
1999; 30 (2): 267-284
- **Knowledge of and attitudes toward population growth and the environment: university students in Costa Rica and the United States** *ENVIRONMENTAL CONSERVATION*

- 
- Holl, K. D., Daily, G. C., Daily, S. C., Ehrlich, P. R., Bassin, S.  
1999; 26 (1): 66-74
- **Globalization and the sustainability of human health - An ecological perspective** *BIOSCIENCE*  
McMichael, A. J., Bolin, B., Costanza, R., Daily, G. C., Folke, C., Lindahl-Kiessling, K., Lindgren, E., NIKLASSON, B.  
1999; 49 (3): 205-210
  - **Use of fruit bait traps for monitoring of butterflies (Lepidoptera : Nymphalidae)** *REVISTA DE BIOLOGIA TROPICAL*  
Hughes, J. B., Daily, G. C., Ehrlich, P. R.  
1998; 46 (3): 697-704
  - **Food production, population growth, and the environment.** *Science*  
Daily, G., Dasgupta, P., Bolin, B., Crosson, P., du Guerny, J., Ehrlich, P., Folke, C., Jansson, A. M., Jansson, B., Kautsky, N., Kinzig, A., Levin, S., Mäler, et al  
1998; 281 (5381): 1291-1292
  - **Population diversity: Its extent and extinction** *SCIENCE*  
Hughes, J. B., Daily, G. C., Ehrlich, P. R.  
1997; 278 (5338): 689-692
  - **Socioeconomic equity, sustainability, and Earth's carrying capacity** *ECOLOGICAL APPLICATIONS*  
Daily, G. C., Ehrlich, P. R.  
1996; 6 (4): 991-1001
  - **Nocturnality and species survival** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Daily, G. C., Ehrlich, P. R.  
1996; 93 (21): 11709-11712
  - **Challenges in the quest for keystones** *BIOSCIENCE*  
Power, M. E., Tilman, D., Estes, J. A., Menge, B. A., Bond, W. J., Mills, L. S., Daily, G., CASTILLA, J. C., Lubchenco, J., Paine, R. T.  
1996; 46 (8): 609-620
  - **Human appropriation of renewable fresh water** *SCIENCE*  
Postel, S. L., Daily, G. C., Ehrlich, P. R.  
1996; 271 (5250): 785-788
  - **Managing earth's life support systems: The came, the players, and getting everyone to play** *ECOLOGICAL APPLICATIONS*  
Daily, G. C., Ehrlich, P. R., Alberti, M.  
1996; 6 (1): 19-21
  - **Global change and human susceptibility to disease** *ANNUAL REVIEW OF ENERGY AND THE ENVIRONMENT*  
Daily, G. C., Ehrlich, P. R.  
1996; 21: 125-144
  - **Knowledge and perceptions in Costa Rica regarding environment, population, and biodiversity issues** *CONSERVATION BIOLOGY*  
Holl, K. D., Daily, G. C., Ehrlich, P. R.  
1995; 9 (6): 1548-1558
  - **RESTORING VALUE TO THE WORLDS DEGRADED LANDS** *SCIENCE*  
Daily, G. C.  
1995; 269 (5222): 350-354
  - **POPULATION AND IMMIGRATION POLICY IN THE UNITED-STATES - RESPONSE** *POPULATION AND ENVIRONMENT*  
Daily, G. C., EHRLICH, A. H., Ehrlich, P. R.  
1995; 16 (6): 521-526
  - **PRESERVATION OF BIODIVERSITY IN SMALL RAIN-FOREST PATCHES - RAPID EVALUATIONS USING BUTTERFLY TRAPPING** *BIODIVERSITY AND CONSERVATION*  
Daily, G. C., Ehrlich, P. R.  
1995; 4 (1): 35-55



- **INFLUENCE OF SOCIAL-STATUS ON INDIVIDUAL FORAGING AND COMMUNITY STRUCTURE IN A BIRD GUILD** *OECOLOGIA*  
Daily, G. C., Ehrlich, P. R.  
1994; 100 (1-2): 153-165
- **OPTIMUM HUMAN-POPULATION SIZE** *POPULATION AND ENVIRONMENT*  
Daily, G. C., EHRLICH, A. H., Ehrlich, P. R.  
1994; 15 (6): 469-475
- **SCIENCE AND THE MANAGEMENT OF NATURAL-RESOURCES** *ECOLOGICAL APPLICATIONS*  
Ehrlich, P. R., Daily, G. C.  
1993; 3 (4): 558-560
- **POPULATION EXTINCTION AND SAVING BIODIVERSITY** *AMBIO*  
Ehrlich, P. R., Daily, G. C.  
1993; 22 (2-3): 64-68
- **FOOD SECURITY, POPULATION, AND ENVIRONMENT** *POPULATION AND DEVELOPMENT REVIEW*  
Ehrlich, P. R., EHRLICH, A. H., Daily, G. C.  
1993; 19 (1): 1-32
- **DOUBLE KEYSTONE BIRD IN A KEYSTONE SPECIES COMPLEX** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Daily, G. C., Ehrlich, P. R., Haddad, N. M.  
1993; 90 (2): 592-594
- **THE FERTILITY PLATEAU IN COSTA-RICA - A REVIEW OF CAUSES AND REMEDIES** *ENVIRONMENTAL CONSERVATION*  
Holl, K. D., Daily, G. C., Ehrlich, P. R.  
1993; 20 (4): 317-323
- **POPULATION, SUSTAINABILITY, AND EARTH'S CARRYING-CAPACITY** *BIOSCIENCE*  
Daily, G. C., Ehrlich, P. R.  
1992; 42 (10): 761-771
- **AN EXPLORATORY MODEL OF THE IMPACT OF RAPID CLIMATE CHANGE ON THE WORLD FOOD SITUATION** *SIMULATION*  
Daily, G. C., Ehrlich, P. R.  
1992; 59 (5): 348-352
- **DETERMINANTS OF SPATIAL-DISTRIBUTION IN A POPULATION OF THE SUB-ALPINE BUTTERFLY OENEIS-CHRYXUS** *OECOLOGIA*  
Daily, G. C., Ehrlich, P. R., WHEYE, D.  
1991; 88 (4): 587-596
- **AN EXPLORATORY MODEL OF THE IMPACT OF RAPID CLIMATE CHANGE ON THE WORLD FOOD SITUATION** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*  
Daily, G. C., Ehrlich, P. R.  
1990; 241 (1302): 232-244
- **INTEGRATED PEST-MANAGEMENT IN LATIN-AMERICA** *ENVIRONMENTAL CONSERVATION*  
Holl, K., Daily, G., Ehrlich, P. R.  
1990; 17 (4): 341-350