

EDUCATION

PhD. program, coursework completed.
Ecology. University of California,
Davis, 1976.
MS. Ecology, University of California,
Davis, 1973.
BA. Earth Sciences, University of
California, San Diego, 1970.

RECENT

Presentations

Assisted Natural Regeneration for Semi-
arid and Arid Lands. 9th World
Conference on Ecological Restoration,
Quebec. June 23, 2021

Using more efficient irrigation systems.
Urban Farm Water Harvesting Summit.
June 15, 2021. [https://
www.urbanfarm.org/courses-2/water-
harvesting-summit/#david](https://www.urbanfarm.org/courses-2/water-harvesting-summit/#david)

Wick irrigation. Agroforestry Action
Network. May, 2021. <https://www.youtube.com/watch?v=zlsE4s0Fy90>

Mesquite: a multi-purpose tree for agroforestry in the Southwest. Agroforestry Action Network.
Arizona. January 12th, 2021.



ARTICLES

Bainbridge, D.A. 2022. The Nature of Oaks. Book Review. Ecological Restoration. In press.

Bainbridge, D.A. 2021. Accounting for Climate Change. Academia Letters. Article 4148.
<https://doi.org/10.20935/AL4148>

Bainbridge, D.A. 2021. How horseshoes helped win the Civil War. American Farrier. [https://
www.americanfarriers.com/articles/12850-how-horseshoes-helped-win-the-civil-war](https://www.americanfarriers.com/articles/12850-how-horseshoes-helped-win-the-civil-war)

Bainbridge, D.A. 2021. Understanding integrated disturbance. 9th World Conference on Ecological
Restoration, Quebec. June 23, 2021 Supplemental material for presentation.

Bainbridge, D. A. 2020. Carbon sequestration with mesquite (*Prosopis* sp.) in an agroforestry
setting. Temperate Agroforester 26(4):1-3. [https://aftaweb.org/latest-newsletter/current-
newsletter.html](https://aftaweb.org/latest-newsletter/current-newsletter.html)

AWARDS

Earth Repair Hall of Fame, 2022.

Award for Leadership. TV Channel 10, San Diego. 2009.

Heart of Green, 40 inspiring stories of people making a difference. The Daily Green. 2009.

Marshall Goldsmith College of Business Award for Scholarship. 2008.

Excellence in Teaching. National Society of Leadership and Success (ΑΣΠ), AIU. 2007.

Passive Solar Pioneer. American Solar Energy Association. 2004.

City of San Diego Recycling Award, Alliant International University/Ecodefense Club. 2004
(faculty advisor)

World's Top 40 Socially Conscious Designers. International Design Magazine. 2001.

President's Award for Excellence in Service, US International University. AY-2000-2001.

Environmental Club, Best Student Club. 1997-98 (faculty advisor)

World Organization of Building Officials. Award for indigenous material in building, straw bale building research and education. David Eisenberg (DCAT), David Bainbridge, Steve McDonald, Matts Myrhman, Dan Smith. 1996.

Outstanding Planning Program Award, American Planning Association for Land Use Capability Manual. 1981.

Meritorious Program Award for San Francisco Bay Region Environment and Resources Planning Study. Northern Section, California Chapter, American Planning Association. 1980.

State of California Passive Solar Design Competition. First Place. Central Valley Region. Jon Hammond, Living Systems team. 1979.

Community Energy Conservation Award. City of Davis for Davis Energy Conservation Building Code development and implementation. Living Systems. 1979.

State of California Passive Solar Design Competition Award for Cool Pool passive cooling design. Living Systems Team. 1979.

Citation by Progressive Architecture 26th Awards Program, for Site Planning for Solar Access. Jon Hammond and David Bainbridge. 1979.

Citation by Progressive Architecture 26th Awards Program, for Planning Solar Neighborhoods. David Bainbridge and Bruce Melzer., Living Systems. 1979.

Special commendation from the California Energy Commission for work on the State Passive Solar Tax Credit Regulations. 1978.

American Institute of Planners award for Energy Conservation in Davis Report, Living Systems. 1977.

Aerojet General Academic Scholarship 1966-1970.

National Science Foundation Summer Camp, Earth Sciences, Oregon State University. 1965.

EXPERIENCE

1975-present. Researcher/Writer

2009-2014. Associate, ISOS Group. Certified trainer for Global Reporting Initiative sustainability reporting training.

2003-2010. Associate Professor, Sustainable Management. Marshall Goldsmith School of Management, Alliant International University, San Diego.

1995-2003. Coordinator of Environmental Studies, Assistant and then Associate Professor, Alliant International University, San Diego.

2002-2005. New School of Architecture, thesis advisor and jury member for Masters in Architecture program.

1989-2000. Adjunct faculty, program manager, and restoration ecologist, San Diego State University.

1989-1992. Adjunct faculty. William Carey International University, Pasadena, California.

1989. Site visits, research, and collaboration with agroforesters in four provinces of China as an invited guest of the Chinese Academy of Forestry, Beijing.

1986-1988. Public information representative and agroecologist, Dry Lands Research Institute, University of California, Riverside.

1981-1995. Writing, consulting, teaching, research, design, and development. Environmental analysis and management, sustainability issues, agroforestry, agriculture, and energy. Including work for public and private organizations. Alternate uses for rice straw in California for the California Air Resources board, Agroforestry in the S.W. for the U.S. Forest Service.

1978-1981. Founder and President, Passive Solar Institute, Davis, California. Including research and design work on new and retrofit projects in residential and commercial buildings, planning for energy conservation and ecologically sound development. Contributor to the California Passive Solar Handbook for the California Energy Commission.

1977-1978. Special specialist, Solar Office, California Energy Commission, Sacramento, California. Development and management of passive solar program elements including natural cooling, daylighting, passive water heaters, solar tax credit guidelines.

1977-1981. Consultant, researcher, writer, and teacher. Energy and passive solar design consultant, research and writing on passive solar design, energy conservation. Judge for the Federal Department of Housing and Urban Development Passive Solar Competition.

1975-1977. Planner/researcher for Living Systems, Winters, California. Direct and conduct research and writing on energy conservation and planning, research and development of passive solar heating and cooling, author of microclimate and water conservation materials. Trainer for City of Davis Climatic Building Code workshops with local builders and developers.

1975. Consulting geologist/planner to the Association of Bay Area Governments (ABAG), Berkeley. Responsible for elements of Land Use Manual for ABAG and Land Capability Analysis for U.S. Geological Survey.

1972-1974. Co-founder, Director, and Vice-President of Bainbridge, Behrens, and Moore, Inc. Manage and participate in planning and research in environmental impact, low-cost housing, and bikeway design.

1971-1972. Graduate student intern, environmental consultant with Assembly Committee on Environmental Quality. Staff work on California Environmental Quality Act guidelines and related issues.

Summer 1971. Director, Environmental Geology Research Group, San Diego County Environmental Development Agency. Develop program, direct team and assist with mapping and research.

Summer 1970. Member, Coastal Lagoon Research Group, County of San Diego Environmental Task Force. Research and develop report on coastal lagoon ecology, preservation and management.

Fall/Winter 1965-1966. Translation of old English documents from Feversham, England to modern English for author Diane Davidson.

Summer 1965. National Science Foundation Earth Sciences Program. Oregon State University.

SERVICE

ADVISOR

ISOS Group, GRI reporting; National Research Council; American Solar Energy Society National Organizing Committee. University of California Natural Reserve System (teams evaluating reserve acquisitions), Desert Restoration Task Force (interagency group for the SW deserts); California Flora Committee; California Energy Commission panels on Advanced Wall Systems and Passive Solar Systems. Restoration consultant for National Park Service; Bureau of Land Management; California State Parks and OHV Recreation Areas, Department of Defense (Pt. Loma-Navy; 29 Palms, MCAS-Miramar, Camp Pendleton-Marines, Fort Irwin-Army); California Department of Transportation, Roadside Management Review Committee; Center for Resource Management, University of Yucatan; National Affordable Housing Coalition; Canelo Project for Sustainable Development; California Agroforestry Group; development and implementation of climatically adapted building/planning codes, City of Davis, Sacramento County, and Indio.

REVIEWER

Technical reviewer for US Department of Agriculture, US Agency for International Development, National Science Foundation, and other grant programs. Judge, Federal Housing and Urban Development Solar House Competition.

MAJOR BOOKS

- Bainbridge, D.A. 2022. **Game Changer: Radar, the Atom Bomb and the Life of Kenneth Tompkins Bainbridge**. Rio Redondo Press.
- Bainbridge, D. A.. 2021. **Tenacity: Remarkable People of the Fur War**. Rio Redondo Press.
- Bainbridge, D. A. 2020. **Fur War: The Political, Economic, Cultural and Ecological Impacts of the Western Fur Trade 1765–1840**. Rio Redondo Press.
- Bainbridge, D. A. 2015. **Gardening with Less Water: Low tech, low cost techniques cut water use 90%**. Storey Press. *Silver Nautilus Award Winner*
- Bainbridge, D. A. and K. Haggard. 2011. **Passive Solar Architecture**. Chelsea Green. White River Junction, VT. *Boston Bookbuilders Award, best professional reference*.
- Bainbridge, D. A., K. Haggard and R. Aljilani. 2009. **Passive Solar Architecture: Pocket Reference**. International Solar Energy Society. Freiburg, Germany. 90 p.
- Bainbridge, D. A. 2009. **Rebuilding the American Economy with True Cost Accounting**. Rio Redondo Press, SD, CA. www.sustainabilityleader.org 127 p.
- Bainbridge, D. A. 2007. **A Guide for Desert and Dryland Restoration: New Hope for Arid Lands**. Island Press, Washington, DC. 391 p.
- Steen, A. and B., Bainbridge, D. A. and D. Eisenberg. 1994. **The Straw Bale House**. Chelsea Green, New River Junction, VT. 320 p. *Best seller*
- Mitchell, S. and D. A. Bainbridge 1991. **Sustainable Agriculture for California: A Guide to Information**. University of California Division of Agriculture and Natural Resources, Publication 3349, Oakland CA. 196 p.

- Bainbridge, D. A., N. Albasel, W. Jarrell et al. 1989. **Selenium in California, Volume 2: Critical Issues**. Dry Lands Research Institute for the State Water Resources Control Board, Sacramento, CA. 130 p.
- Bainbridge, D. A., N. Albasel and V. Wegrzyn, et al. 1988. **Selenium in California, Volume 1: Fundamentals**. Dry Lands Research Institute for the State Water Resources Control Board, Sacramento, CA. 119 p.
- Bainbridge, D. A. 1983. **Water Wall Passive Solar Design Manual**. SUN, Bascom, OH. 60 p.
- Bainbridge, D. A. 1981. **Integral Passive Solar Water Heaters**. Passive Solar Institute, Davis, CA. 99 p.
- Bainbridge, D. A. 1980. **The Second Passive Solar Catalog-A Mini-Encyclopedia**. Passive Solar Institute, Davis, CA. 115 p. *Honoree San Francisco Book Festival*.
- Corbett, J., D. A. Bainbridge and J. Hofacre. 1979. **Village Homes' Solar House Designs**. Rodale Press, Emmaus, PA. 188 p.
- Boyd, R. F., J. Perkins, R. T. Laird, D. Huntsman, P. Staub, M. Zucker, D. A. Bainbridge and J. Baker. 1979. **Quantitative Land Capability Analysis**. USGS Professional Paper #945, Menlo Park, CA. 115 p.
- Bainbridge, D. A. 1979. **The First Passive Solar Catalog**. Passive Solar Institute, Davis, CA. 72 p.

MINOR BOOKS

- Bainbridge, D. A. 2020. **Collected Poems, 1968-1989**. Rio Redondo Press, SD. 64p. (poems)
- Bainbridge, D. A. 2012. **The Raven Chronicles**. Rio Redondo Press, SD, 37 p. (poems)
- Bainbridge, D. A. and K. Haggard. 2011. **Passive Solar Labs**. www.sustainabilityleader.org
80 p. (teacher's guide for Passive Solar Architecture).
- Bainbridge, R.W. and D. A. Bainbridge. 2008. **Lucille Bainbridge: Artist of the American West**. J&B Publications/LuLu on-demand, Greenville, SC. 76 p.
- Bainbridge, D. A. 1988. **Self-reliant Agriculture for Dry Lands**. Sierra Nature Prints, Twain Hart, CA. 48 p.
- Bainbridge, D. A. 1985. **Acorns as Food, History, Use, Recipes and Bibliography**. Sierra Nature Prints, Twain Harte, CA.
- Bainbridge, D. A. 1982. **Trees for America's Future**. Sierra Nature Prints, Twain Harte, CA. 30 p. (children's coloring book)
- Bainbridge, D. A. 1980. **Building and Selling the Solar Home**. California Solar Business Office for the Solar Energy Research Institute, Golden, CO. 48 p.
- Bainbridge, D. A. 1979. **Waterglass**. PSI, Davis, CA. 59 p. (poems)
- Bainbridge, D. A. 1975. **Bikeway Planning and Design**. Bainbridge, Behrens, and Moore, Inc., Broderick, CA. 105 p. (*released as draft, never finalized*).

BOOK CHAPTERS AND CONTRIBUTIONS

- Liu Yang, Jiaping Liu and David A. Bainbridge. 2015. Improving vernacular housing in Western China. Chapter 55 In **The Art of Natural Building: 2nd edition**. New Society Publishers, Gabriola Island, BC.

- Bainbridge, D. A. 2012. Restoration of arid and semi-arid lands. Chapter 10, pp. 103-114. In van Andel, J. and Aronson, J. (eds), **Restoration Ecology: The New Frontier**, 2nd edition, Blackwell Publishing Ltd, Oxford UK.
- Bainbridge, D. A. 2009. Nitrogen pollution. pp. 75-81. In **Teaching Green: The High School Years**. New Society Press, Gabriola Island, BC.
- Bainbridge, D. A. 2004. Sustainable building as appropriate technology. pp. 55-67, 75-77. In J. Kennedy, editor. **Building Without Borders: Sustainable Construction for the Global Village**. Island Press, Washington, DC.
- Bainbridge, D. A. 2003. Life cycle cost and value. p. 7. In. C. Wanek, **The New Straw Bale Home**. Gibbs Smith Publisher, Layton, UT.
- Bainbridge, D. A. 2002. Life cycle cost of 4 buildings. In **The Art of Natural Building**. New Society Publishers, Gabriola Island, BC.
- Allen, M. F. and E. B., T. A. Zink, S. Harney, L. C. Yoshida, C. Siguenza, F. Edwards, C. Hickson, M. Rillig, D. A. Bainbridge, C. Doljanin, and R. F. MacAller. 1999. Soil Microorganisms. Chapter 22. pp. 521-544. In L. R. Walker, ed. **Ecosystems of Disturbed Ground**. Elsevier, NY.
- Bainbridge, D. A. 1997. contributor. A. M. Gordon and S. M. Newman. **Temperate Agroforestry Systems**. CAB International, Oxford, UK. 269 p.
- Bainbridge, D. A. 1997. Agroforestry for the Southwest. pp. 35-38 in M. Merwin, ed. **The Status Opportunity and Need for Agroforestry in the United States**. Association for Temperate Agroforestry, Columbia, MO.
- Gomez-Pompa, A. and D. A. Bainbridge. 1995. Tropical forestry as if people mattered. pp. 408-422. In A. E. Lugo and C. Lowe, eds. **Tropical Forests: Management and Ecology**, Springer Verlag, NY.
- Bainbridge, D. A., D. Eisenberg and L. Bayless. 1995. Straw bale construction. pp. 49-51. In **Cut Waste: Not Trees**. Rain Forest Action Network.
- Bainbridge, D. A. and R. A. Virginia. 1995. Desert soils and biota. pp. 59-70. In Latting, R. and P.G. Rowlands, eds. **The California Desert**. R. L Books, Riverside, CA.
- Gomez-Pompa, A., A. Kaus, J. Jiminez Orsonio, D. A. Bainbridge, and V. Rorive. 1993. Mexico Case Study. pp. 483-548. In **Sustainable Agriculture and the Environment in the Humid Tropics**. National Research Council. National Academy Press, Washington, DC.
- Bainbridge, D. A. 1990. Restoring agricultural lands and dry lands. pp. 4-13. In J. Berger, ed. **Environmental Restoration**. Island Press, Washington, DC.
- Bainbridge, D. A. 1989. Agroforestry: Promise and Reality. In K. Truman and C. Gladwin, eds. **Food and Farm, Current Debate**, University Press of America, Landham, MD.
- Bainbridge, D. A. 1989. Agroforestry in California: useful information. pp. 53-54. In L. Fortmann, D. Gasser, and E. Wollenberg, eds. **Agroforestry in California: Planning for the 21st Century**. Department of Forestry and Resource Management, University of California, Berkeley, CA.
- Bainbridge, D. A. 1988. The oaks: a neglected multi-use tree crop. pp. 657-662. In P. Allen and D. Van Dusen, eds. **Global Perspectives on Agroecology and Sustainable Agricultural Systems**. Agroecology Program, University of California, Santa Cruz. CA.
- Bainbridge, D. A. 1988. Details. **Fine Homebuilding's Tips and Techniques for Builders**. Taunton Press, Newtown, CT. 256 p.
- Bainbridge, D. A. 1981. The Davis experience. 366-374 In **Resettling America**. Ed Coates, ed. Sierra Club Books, San Francisco, CA.

- Bainbridge, D. A. 1981. Hinged shutters. pp 357-362. Moved in mass. pp. 436-449. Air conditioning without air conditioners, pp. 583-617. In J. Carter, ed. **Solarizing Your Present Home**. Rodale Press, Emmaus, PA.
- Bainbridge, D. A. 1980. Design details. In P. Niles and K. Haggard, eds. **California Passive Solar Handbook**, ed. by, California Energy Commission, Sacramento, CA.
- Bainbridge, D. A. 1980. Making insulated bifold shutters. pp. 292-298. In W. Langdon, ed. **Movable Insulation**. Rodale Books, Emmaus, PA.

REGULAR (REFEREED OR REVIEWED)

- Bainbridge, D. A. 2014. Inoculation response by irrigation system type for desert tree establishment. *Tree Planter's Notes*. Fall. 57(2):44-52.
- Bainbridge, D. A. 2013. Super efficient irrigation. *Ceramics Monthly*. November. 29-30.
- Bainbridge, D. A. 2012. Wick irrigation. *Overstory Agroforestry Journal*. #249.
- Bainbridge, D. A. 2012. Use of tree shelters as deep containers. *Tree Planter's Notes*. 55(2):50-54.
- Bainbridge, D. A. 2010. Francis H. Bainbridge. *Structurae*. en.structurae.de/persons/data/index.cfm?id=d006449
- Haggard, K., L. Schlussler and D. A. Bainbridge. 2010. Seeing the invisible: Passive solar heating and window glass. *Solar Today*. 24(May):16,18.
- Haggard, K. and D. A. Bainbridge. 2009. Passive solar. *Solar Today*. Fall/Winter, Special Edition. 23(8):32-33.
- Bainbridge, D. A. 2007. Sustainable land use systems for arid lands: research needs for the next twenty-five years. *Annals of the Arid Zone*. 46(3/4):425-452. (invited review)
- Bainbridge, D. A., K. Haggard and P. Cooper. 2007. Water walls: an effective option for high performance buildings. *Solar Today*. July/August, 38-41.
- Bainbridge, D. A. 2007. Successful propagation of Dwarf Burr Ragweed, *Ambrosia pumila*. *Ecological Restoration*. 25(3):216-217.
- Bainbridge, D. A. 2007. Experience salvaging and replanting *Ambrosia pumila*. *Native Plants Journal*. 8(1):19-22.
- Bainbridge, D. A. 2006. Deep pipe irrigation. *Overstory Agroforestry Journal* #175. 6 p.
- Bainbridge, D. A. 2006. Adding ecological considerations to “environmental” accounting. *Bulletin of the Ecological Society of America*. October. 87(4):335-340.
- Bainbridge, D. A., L. Lippitt, A. Rusev and S. Delman. 2005. Establishing purple needlegrass from containers. *Grasslands*. 15(1):1,10-13.
- Bainbridge, D. A. 2004. The price falls short. *Solar Today*. 18(5):62,59.
- Bainbridge, D. A., T. Jodoin, K. Killian and R. Kennedy. 2004. Industrial ecology – a solution for North and South. *Journal of the Center for International Studies*. 12:51-62.
- Bainbridge, D. A. 2002. Alternative irrigation systems. *Ecological Restoration*. 20(1):23-30.
- Bainbridge, D. A., J. Tiszler, R. MacAller and M. F. Allen 2001. Irrigation and surface mulch effects on transplant establishment. *Native Plants Journal*. 2(1):25-29.
- Bainbridge, D. A. 2001. Buried clay pot irrigation. *Agricultural Water Management*. 48(2):79-88.
- Bainbridge, D. A. 2001. Response of purple needlegrass transplants to tree shelters. *Ecological Restoration*. 19(4):251-252.
- Edwards, F., D. A. Bainbridge, T. A. Zink and M. F. Allen. 2000. Rainfall catchments improve survival of container transplants at Mojave Desert site. *Ecological Restoration*. 18(2):100-103.

- Lovich, J. and D. A. Bainbridge 1999. Anthropogenic degradation of the Southern California desert ecosystem and prospects for natural recovery and restoration. *Environmental Management*. 24(3):309-326.
- Grantz, D., D. Vaughn, R. Farber, B. Kim, L. Ashburger, T. VanCuren, R. Campbell, D. A. Bainbridge, and T. A. Zink. 1998. Transplanting native plants to revegetate abandoned farmland in the western Mojave Desert. *Journal of Environmental Quality*. 27(4):960-967.
- Grantz, D., D. Vaughn, R. Farber, B. Kim, L. Ashburger, T. VanCuren, R. Campbell, D. A. Bainbridge, and T. A. Zink. 1998. Though difficult to achieve, revegetation is the best way to stabilize soil. *California Agriculture*. 52(4):8-13.
- Bainbridge, D. A. 1997. The nitrogen pollution problem. *Ecesis*. The Newsletter of the Society for Ecological Restoration, California Section. 7(3):3-4.
- Bainbridge, D. A. 1996. Vertical mulch for soil improvement. *Restoration and Management Notes*. 14(1):72.
- Bainbridge, D. A., M. Fidelibus and R. F. MacAller. 1995. Techniques for plant establishment in arid ecosystems. *Restoration and Management Notes*. 13(2):198-202.
- Klironomos, J. and D. A. Bainbridge. 1995. Collembolas for biocontrol? *Forest Nursery Notes*. January. 20-21.
- Fidelibus, M., L. Lippitt and D. A. Bainbridge. 1994. Native seed collection, processing and storage. *Restoration Ecology*. 2(2):120-131.
- Fidelibus, M. and D. A. Bainbridge. 1994. The effect of containerless transport on desert shrubs. *Treeplanter's Notes*. Summer 45(2):82-85.
- Bainbridge, D. A. 1994. Tree shelters improve establishment on dry sites. *Treeplanter's Notes*. Winter 45(1):13-16.
- Conners, K., M. F. Allen, T. A. Zink and D. A. Bainbridge. 1994. Europium staining for soil ecosystems disturbance evaluation. *Restoration and Management Notes*. 12(2):211-212.
- Bainbridge, D. A. 1993. Plastered straw bale construction: a waste to a resource. Technical review. *Sustainable Agriculture* 5(3):2 pages.
- Lippitt, L. A. and D. A. Bainbridge 1993. Three quick seed evaluation methods. *Restoration and Management Notes*. 11(2):172.
- Franson, R. L. and D. A. Bainbridge 1993. A unique revegetation program at Mojave Desert gold mine. *Restoration and Management Notes*. 11(2):179-180.
- Mitchell, S., D. A. Bainbridge, K. Gring and J. Gibson. 1991. The language of sustainable agriculture: gaining access to information. Sustainable Agriculture in California, Proceedings of a Symposium. UC/NAR.
- Bainbridge, D. A. 1990. Soil solarization for restorationists. *Restoration and Management Notes*. 8(2):96-98.
- Bainbridge, D. A. and R. A. Virginia. 1990. Restoration in the Sonoran desert. *Restoration and Management Notes*. 8(1):3-14.
- Bainbridge, D. A. 1986. *Quercus*: A multi-purpose tree for temperate climates. *International Tree Crops Journal*. 4(3):291-298.
- Bainbridge, D. A. 1986. High performance, low-cost buildings of straw. *Agriculture, Ecosystems, Environment*. 16(3):281-284.
- Bainbridge, D. A. 1985. Ecological education: time for a new approach. *Bulletin of the Ecological Society of America*. 66(4):461-462.
- Bainbridge, D. A. 1985. Acorns: a crop for the future. *Unasylva*. 37(4):63-64.
- Bainbridge, D. A. 1985. The rise of agriculture: a new perspective. *AMBIO*. 14(3):148-151.

- Bainbridge, D. A. 1979. A touch of earth – Lucille D. Bainbridge. *Southwest Art*. July pp. 62-65.
- Bainbridge, D. A. 1974. Trail management. *Bulletin of the Ecological Society of America*. 55(3):8-10.

GENERAL DISTRIBUTION, PROCEEDINGS, REPORTS

- Bainbridge, D. A. 2021. Accounting for climate change *Academia Letters*. https://www.academia.edu/62767861/Accounting_for_Climate_Change
- Bainbridge, D.A. 2021. Mesquite: A Multipurpose Tree Crop for Agroforestry in the Southwest. *Round River Journal* 21(1):1-22.
- Bainbridge, D. A. 2020. Carbon sequestration with mesquite (*Prosopis* sp.) in an agroforestry setting. *Temperate Agroforester* 26(4):1-3. <https://aftaweb.org/latest-newsletter/current-newsletter.html>
- Bainbridge, D. A. 2020. Landslides of Torrey Pines. *Round River Journal*. 20(1):1-5.
- Bainbridge, D. A. 2018. The stump. *Green Prints* #115:26-27.
- Bainbridge, D. A. 2016. Best garden watering system to control weeds. *Mother Earth News*. Aug/Sept. <https://www.motherearthnews.com/organic-gardening/gardening-techniques/best-garden-watering-systems-control-weeds-zm0z16aszsor>
- Bainbridge, D. A. 2014. Get started with more efficient irrigation systems. *Permaculture News* (Australia) April, 8 pages.
- Bainbridge, D. A. 2014. Air conditioning without air conditioners: Part 1: The cool pool. <http://permaculturenews.org/2014/05/16/keeping-cool-without-air-conditioning-part-i-the-cool-pool/>
- Bainbridge, D. A. and R. W. 2012. The seven sins of building design and construction. *Triple Pundit* August 26. 2 p.
- Bainbridge, D. A. 2015. Indirect evaporative coolers. *Mother Earth News*. June/July. <https://www.motherearthnews.com/green-homes/improved-swamp-cooler-zmgz15jjzsto>
- Bainbridge, D. A. 2010. Environmental management accounting as an innovation driver. Environmental and Sustainability Accounting Network Conference Proceedings, San Diego, CA.
- Bainbridge, D. A. 2012. Buried clay pipe irrigation. *Restoration Note*. bepress. 3 p.
- Bainbridge, D. A. 2009. Sustainability: accounting for our future. *Vision Magazine*. August. 19,44.
- Bainbridge, D. A. 2009. The ecological costs of buildings. *Society of Building Science Educators News*. Fall, p. 4,5.
- Bainbridge, D. A. and K. Haggard. 2009. Carbon sequestration with straw bale buildings. *CASBA Newsletter*. Summer.
- Bainbridge, D. A. 2009. Focus on carbon wrong. *Society of Building Science Educators News*. Summer:7.
- Bainbridge, D. A. and J. R. Almoril. 2008. *Métodos de riego eficientes*. Agua y Tierra. La Tribuna Del Agua De Expo Zaragoza, Spain.
- Bainbridge, D. A. 2008. AIG's actions raise questions. *San Diego Union Tribune*. Dialog, November 2: F3
- Bainbridge, D. A. 2008. Leadership – jumping the generation gap. *Leadership Excellence*. 25(8):14.
- Bainbridge, D. A. 2008. Friedman and Lysenko. *Real World Economic Review*. 46(May/June):158-159.
- Bainbridge, D. A. 2008. Real financial Crisis. *Leadership Excellence*. 25(4):8.

- Bainbridge, D. A. 2007. True cost accounting for the post-autistic economy. *Post Autistic Economic Review*. 41:23-28.
- Bainbridge, D. A. 2007. Challenges for the 21st Century. *Resource Engineering and Technology for a Sustainable World*. 14(4):8. (invited essay for the 100th anniversary of ASABE)
- Bainbridge, D. A. 2007. How historians can assist environmental restoration projects. *American Society for Environmental History News*. 2007:3, Fall. 1 p. (also on-line)
- Bainbridge, D. A. 2007. Build your own passive solar water heater. *Mother Earth News*. Oct./Nov.:78-86.
- Bainbridge, D. A. 2007. Sustainable development, Industrial Ecology and Salinization sections for the *World Encyclopedia of History*. ABC-CLIO, Santa Barbara, CA.
- Bainbridge, D. A. 2007. The management failure of the American utilities: the case of solar hot water. *Proceedings of the Society for Advancement of Management International Business Conference*, Las Vegas, NV March 25-28, 2007.
- Bainbridge, D. A., U. Jamrozy, R. Naert and G. Lorton. 2007. Management for the Triple Bottom Line. *Proceedings of the Society for Advancement of Management International Business Conference*, Las Vegas, NV March 25-28, 2007.
- Naert, R. and D. A. Bainbridge. 2007. Information Technology's CMMI and the Triple Bottom Line. *Proceedings Southwest Decision Sciences Institute 38th Annual Conference*, San Diego, CA March 13-17, 2007.
- Bainbridge, D. A. 2006. Affordable houses require affordable materials. *The Last Straw: The International Journal of Straw Bale and Natural Building*. 54:29.
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- Bainbridge, D. A. 1985. An Ecology-Environmental Science Magnet School. Franklin Community Organization and Urban Ecology, Berkeley, CA. 30 p.
- Bainbridge, D. A. 1985. Energy Efficiency in Hog Production Facilities. David A. Bainbridge, Consultant, Berkeley, CA. 15 p.
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LETTERS, NOTES, ABSTRACTS, POEMS

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- Bainbridge, D. A. 2016. Prescription safety glasses. Tips and Techniques. *Fine Homebuilding*. #257 p20.
- Bainbridge, D. A. 2007. The best papers are boldest. *Frontiers of Ecology and Environment*. 5(3):238-239. (letter)
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- Bainbridge, D. A. 1994. Deserts: Habitat and restoration. Conference on Plant Conservation and Landscape Design: An Ecological Approach, Santa Barbara. (handout)
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- MacAller, R. F., R. L. Franson, D. Waldecker and D. A. Bainbridge. 1994. Plant/soil relations of reference sites to improve gold mine restoration. p 36 In: Society for Ecological Restoration, Conference Abstracts. Lansing, MI, August 9-15, 1994.
- Bainbridge, D. A. and R. A. Virginia. 1990. Desert restoration. Society for Ecological Restoration 2nd Annual Conference, Chicago, IL.
- Bainbridge, D. A. 1990. Development doesn't have to be a dirty word. Keynote address, Xeriscape Conference Handbook, Irvine, CA. May p 4.
- Bainbridge, D. A. 1990. Seedling establishment in desert washes. Desert Studies Consortium, Annual Conference, Cal State Dominguez Hills, p.4.
- Bainbridge, D. A., R. A. Virginia and J. Rieger. 1989. Revegetation in California's low desert. Symposium on the Scientific Value of the Desert. Anza-Borrego Foundation, Borrego Springs, CA p. 11.
- Bainbridge, D. A. 1989. Multipurpose Tree Crops. DAB Agroforester, Claremont, CA. also in Spanish, *Producciones del arbol de uso multiple*.
- Bainbridge, D. A. 1989. Development doesn't have to be a dirty word. *Los Angeles Times*. Dec. 26, B7.
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- Bainbridge, D. A. 1987. The need for ecological perspective in developing agroforestry systems for arid and semi-arid lands. (abstract). *Bulletin of the Ecological Society of America*. 68(3):258.
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BOOK REVIEWS

- Bainbridge, D. A. 2022. The Nature of Oaks. *Ecological Restoration*. tbd
 Bainbridge, D. A. 2018. Eager: The Surprising, Secret Life of Beavers and Why They Matter. *Ecological Restoration*. 36(4):333.
 Bainbridge, D. A. 2017. Global Guidelines for the Restoration of Degraded Forests and Landscapes in Drylands: Building Resilience and Benefitting Livelihoods. *Restoration Ecology*. 25(1):148-149.
 Bainbridge, D. A. 2016. Stories from The Leopold Shack. *Ecological Restoration*. 34(4):341-342.
 Bainbridge, D. A. 2010. Fractal Architecture. *The Last Straw*.
 Bainbridge, D. A. 2003. New Organic Architecture. *Fine Homebuilding*. 155:150.
 Bainbridge, D. A. 2001. Keeping the big bad wolf at bay: Straw Bale Building. *Fine Homebuilding*. 140:134-136.
 Bainbridge, D. A. 2001. The Karoo: Ecological Pattern and Process. *Revue des livres. Ecoscience*. 8(1):139.
 Bainbridge, D. A. 2000. Best books – Environmental Restoration, Environmental History and Straw Bale Building. *Fields of Knowledge Infography* web project,
 Bainbridge, D. A. 2000. The Industrial Green Game. *Journal of Environmental Education*. 31(2):39-40.
 Bainbridge, D. A. 2000. Drowning the Dream: California's Water Choices at the Millennium. *Journal of Environmental Education*. 32(Spring, 2):7.
 Bainbridge, D. A. 2000. Repairing Damaged Wildlands. *Ecological Restoration*. 18(4):272-273.
 Bainbridge, D. A. 2000. Natural Resource Management and Institutional Change. *Journal of Environmental Education*. 32(1):59.
 Bainbridge, D. A. 2000. The Complete Guide to Environmental Careers in the 21st Century. *Journal of Environmental Education*. 31(4):57.
 Bainbridge, D. A. 1998. Ecological Economics. *Journal of Environmental Education*. 30(3):43-44.
 Bainbridge, D. A. 1986. Meeting the Expectations of the Land. *Sierra Club Yodeler*. March:13.
 Bainbridge, D. A. 1985. The Mighty Oaks of our continent. *San Francisco Chronicle*. Feb. 3, p.1
 Bainbridge, D. A. 1984. How to: Get outside and grow something. *San Francisco Chronicle*. (May 1):2.
 Bainbridge, D. A. 1982. The Gift of Good Land. *CoEvolution Quarterly*. Spring:46.
 Bainbridge, D.A. 1980. New inventions in low cost solar heating. *Winds of Change*. 2(1):2.
 Bainbridge, D. A. 1979. The Solar Survey. *Winds of Change* 1(3):8.
 Bainbridge, D. A. 1977. Davis Energy Conservation Report. *CoEvolution Quarterly*. Fall, p. 90.
 Bainbridge, D. A. 1977. Design Guide for Residential Areas. *CoEvolution Quarterly*. Summer, p. 68.
 Bainbridge, D. A. 1978. The appropriate technology bookshelf. *Argus*. April 19-26. p 9.

SELECTED PRESENTATIONS

- Bainbridge, D.A. and J. Perkins. 2020. Remote site irrigation. Desert Restoration BLM, Palm Springs, California.
- Bainbridge, D. A. 2011. Passive Solar Architecture. San Diego Renewable Energy Society.
- Bainbridge, D. A. 2011. The sustainability trail. EcoBuilding Network, Marin.
- Bainbridge, D. A. 2010. Stakeholders, True cost accounting. Global Reporting Initiative Certified Training. ISOS Group LLC , Berkeley, CA.
- Bainbridge, D. A. 2009. True cost accounting. Green MBA, AIU, San Diego, CA
- Bainbridge, D. A. 2009. A Solar History. Earth Day Week, AIU, San Diego, CA.
- Bainbridge, D. A. 2009. Economics: 3 Penny Opera and Today. Panel discussion, San Diego Repertory Theater.
- Bainbridge, D. A. 2008. MGSM and The Sustainable Management Concentration. San Diego Regional Economic Development Corporation. San Diego, CA.
- Almoril, J. R. and D. A. Bainbridge. 2008. Alternative irrigation systems for land restoration. La Tribuna Del Agua De Expo Zaragoza, Spain
- Bainbridge, D. A. 2008. Sustainable city in the desert: the San Diego challenge. Sierra Club, San Diego Chapter, San Diego, CA.
- Bainbridge, D. A. 2008. Desert restoration. Society for Ecological Restoration, international webinar with 90 participants.
- Bainbridge, D. A. 2007. California, San Diego and Water. These Days Interview, KPBS.
- Bainbridge, D. A. 2007. Desert restoration workshop. Lake Mead National Recreational Area, Boulder City, NV.
- Bainbridge, D. A. 2007. Mesquite: a keystone species for the California deserts. Society for Ecological Restoration, California. Annual conference, San Diego.
- Bainbridge, D. A. 2007. Mesquite dune reconstruction in the Colorado Desert. Ecological Restoration in a changing world. Annual conference Ecological Society of America. San Jose, CA.
- Bainbridge, D. A. and B. Roley. 2007. Sustainable cities in the desert. Mindscape and Landscape Conference. Joshua Tree, CA.
- Bainbridge, D. A. 2007. Alternative irrigation systems. California Native Plant Society, San Diego, CA.
- Bainbridge, D. A. 2007. Improving student use of information resources: getting the horse to drink. Library Orientation Exchange (LOEX) Conference, San Diego, CA.
- Bainbridge, D. A. 2007. Solar Hot Water: A Management Failure of the American Utilities. Paper for the Society for the Advancement of Management 2007 *International Business Conference*, Las Vegas, NV. March 25-28, 2007. Conference Theme: Global Challenges and Governance.
- Bainbridge, D. A., U. Jamrozy, G. Lorton and R. Naert. 2007. Management for the Triple Bottom Line: A Stakeholder Perspective. Paper for the Society for the Advancement of Management 2007 *International Business Conference*, Las Vegas. March 25-28, 2007. Conference Theme: Global Challenges and Governance
- Bainbridge, D. A. 2006. Leadership for the Triple Bottom Line, People and the Environment Matter. 5th Annual Leadership Conference, Alliant International University, San Diego.
- Bainbridge, D. A. 2004. The anatomy, physiology, psychology and economics of desert destruction and restoration. Mojave Desert Science Symposium, University of Redlands. Invited speaker.
- Bainbridge, D. A. 2004 Leadership for a sustainable world. AIU Leadership Conference 4/17-04.
- Bainbridge, D. A. 2003. Erosion control workshop. Crest Ecological Reserve/Crest Community. Crest Elementary School.

- Bainbridge, D. A. 2003. Green business—the next industrial revolution. EcoFilm Festival. Escondido.
- Bainbridge, D. A. 2003. Design and social ramifications of organic water treatment: Ecoparque in Tijuana. OB People’s Food Coop.
- Bainbridge, D. A. and L. Lippitt. 2003. Establishing a Native Grass from Containers in Southern California. Society for Ecological Restoration, Austin, TX.
- Bernheim, A., Pinto, P. and D. A. Bainbridge. 2003. The Greening of the Campus is to Green the Curriculum. Green Building Council Meeting. Pittsburgh, PA.
- Bainbridge, D. A. 2003. New Hope for Arid Lands. 2003 Arid Southwest Lands Habitat Restoration Conference. Desert Manager’s Group. Palm Spring, CA. (invited keynote speaker).
- Bainbridge, D. A. 2002. Sustainable site design. California Building Official's Conference, Ontario, CA.
- Bainbridge, D. A. 2002. Global change: ecological implications for San Diego. City of San Diego, Sustainability Program.
- Bainbridge, D. A. 2002. Sustainable(?) agriculture and water in California. Water in the West. Western Knight Center for Specialized Journalism, Annenberg School for Communication, University of Southern California. (invited participant)
- Bainbridge, D. A. 2002. Nitrogen pollution: an economic assessment. 1st meeting of the United States Society for Ecological Economics. Duluth, MN.
- Bainbridge, D. A. 2002. Desert restoration. Society for Ecological Restoration, California Section. Plenary speaker. San Diego, CA.

THESIS COMMITTEES AND SUPERVISION

- Five DBA thesis committees, one EdD committee. Marshall Goldsmith School of Management, Alliant International University.
- Two MS theses, New School of Architecture, 2002-2005. “Lean Manufacturing and Industrial Ecology” and “Context and Sustainability.”
- One MS Thesis committee in Architecture, U.C. Berkeley 1995.
- Six MS Thesis committees in Ecology, San Diego State University. 1993-1996.
- Two MS Thesis committees in Agroforestry. William Carey International University, 1989-1991.

TEACHING

ALLIANT INTERNATIONAL UNIVERSITY, SAN DIEGO

- SUB 6500. Sustainable Management
- SUB 6510. Environmental Management Reporting
- SUB 6110. Sustainable Operations and Production
- SUB 6090. Sustainable Products and Services
- BUS 6040. Business Values, Ethics and Societal Strategy
- BUS 4070. Business Ethics and Values
- BUS 4999. Ecopreneurship
- MGT 3010. Overview of Management Practices
- MGT 4999/6999. Project Management (team taught)
- MGT 7010. Leadership for the Triple Bottom Line

HRT 4160. Tourism Development
HRT 4170. Ecotourism
TOU 4010. Tourism Management
ENV 2000. Introduction to Environmental Science
ENV 2001. Sustainable Resource Management
ENV 2003. Environmental Design
ENV 3100. Environmental Ethics
ENV 3200. Water Use and Management
ENV 3288. Field studies
ENV 3300. Energy Use and Management
ENV 3500. San Diego: The Regional Environment
ENV 3800. Environmental History
ENV 4000. Environmental Economics
ENV 4100. Environmental Restoration
ENV 4200. Environmental Law
HUM 1020. The Good Life: Interdisciplinary seminar for first year students (team taught)
NSC 2212. Life, Environment, Society (equivalent to cultural geography)
NSC 2216. Earth Sciences

U.C. SAN DIEGO, EXTENSION

BUS 40726. Sustainability reporting. Spring 2009.

SAN DIEGO STATE UNIVERSITY

BIO 539. Restoration Ecology with M. F. Allen and T. A. Zink. Spring 1998.

BIO 596. Environmental Restoration with E. Allen. Fall. 1993.

WILLIAM CAREY INTERNATIONAL UNIVERSITY, PASADENA

Agroforestry and Sustainable Agriculture. 1989, 1991.

LAKE TAHOE COMMUNITY COLLEGE

The Self-sufficient Home, Passive Solar Design for Builders, Solar for Realtors

SOLANO COMMUNITY COLLEGE

Passive Solar Design

U.C. DAVIS

Environmental Planning, TA. 1976.

SELECTED SHORT COURSES AND SEMINARS

2012. Super-efficient irrigation. San Diego Botanic Garden.

2009, 2010. Stakeholders, True cost accounting. Global Reporting Initiative (GRI) Certification
Sustainability reporting.

2008. Desert restoration international webinar. Society for Ecological Restoration, Tucson, AZ.

2007. Desert restoration workshop. Lake Mead National Recreation Area, Boulder City, NV.

1997. Environmental restoration workshop, USIU. San Diego.

1993. Desert restoration workshop, Society for Ecological Restoration, Red Rock Canyon State Park, California.

1989-1995. Numerous workshops, Straw bale construction, AZ, CA.

1987. Arid land revegetation. Workshop on Sustainable Living in Sensitive and Fragile Arid Environments. Tucson, AZ.

1987. Multipurpose tree crops for arid lands. Workshop on New Crops for Arid Lands. Desert Botanic Garden, Phoenix, AZ.

1980-1984. Solar Design for Realtors, with Continuing Education credits (4 times)

1976-1982. Numerous workshops on passive solar home and integral passive solar water heater construction in California and Oregon.

1975. Environmental Design. Experimental College. U.C. Davis.

1975. Environmental Geology for Planners. Extension. (taught twice). U.C. Davis.

1974. Davis Environment: ecology, planning, and management. Extension. U.C. Davis.

1972. Workshop on Environmental Impact Analysis. Program development and lecturer. Extension. U.C. Davis.

IMPACT

Cited by	All	Since 2014
	1783	606
h-index	22	10
i10-index	41	11

GLOBAL IMPACT



RATE MY PROF

TRAINING AND CERTIFICATION

1965 Scuba Diving Certificate 20 hr course San Juan Unified

David Bainbridge



School: Alliant International University

Location: San Diego, CA



1973 California Community College Instructor Credential #207311. Earth Sciences, Geography, Geology, Geophysics, Ecology
1975 California State Environmental Specialist I
1977 Energy Conservation Specialist I
1977 Energy Conservation Specialist II
1978 Solar Energy Specialist I
1978 Solar Energy Specialist II
1981 Timber Falling. Lake Tahoe Community College.
1987 Commonwealth Agricultural Bureaux data base training
1994 California Senior State Park Resource Ecologist
1999 California Department of Forestry and Fire Protection. Archeology certification for identification and management of archeological resources under 14CCR 929.4, 969.4.
2000 Stormwater Monitoring certificate SD/REBRAC.
2009 Global Reporting International (GRI). Certified Trainer with ISOS Group LLC.

CURRENT MEMBER

American Society for Environmental History
California Historical Society
Society for Ecological Restoration
San Diego Association of Geologists

FORMER MEMBER (BEFORE RETIREMENT)

American and International Solar Energy Societies
American Society of Agricultural and Biological Engineers
Ecological Society of America
Society of Building Science Educators

California Invasive Plant Council
California Straw Building Association (founding member)
Forest History Society
Friends of Los Penasquitos Reserve
North American Association for Environmental Education
Society for Advancement of Management
Academy of Management
International Society for Industrial Ecology
United States Society for Ecological Economics
San Diego Historical Society
Association for pre1840 Experimental Archeologists
National Earthquake Hazard Reduction Program Coalition (NEHRP)
California Licensed Foresters Association (associate)

DESIGN, INNOVATION, FABRICATION AND CONSTRUCTION EXPERIENCE

Development of instruments, processes and equipment for field research, restoration project implementation, more efficient remote site irrigation: soil strength testers, portable infiltrometers, and vegetation area gauge.

Many years experience in design, construction, and fabrication, from research to blueprints to building. Design and construction work on residential and commercial projects, both new and retrofit, from cottage to subdivision scale. Extensive remodeling experience (three major remodeling projects, two solar homes designed and one built, deconstruction of one home).

Energy conservation and solar design including solar system development and research, passive solar heating and cooling, solar water heaters, solar simulators, and shading evaluators. Development and testing of straw bale building components and technology, reinforcing and stabilizing walls, plasters, straw bale system evaluation and research on eocomposite materials. Refinement and implementation of climate based building code for the City of Davis.

MINIBIO

I grew up in the west, living as a child in Colorado, Washington, Oregon and California. Working in the family toy factory and living in a small town in northeastern Washington (364 people) helped me fully appreciate the challenges and potential for local self-reliance and resource management. I was educated at the University of California, San Diego, Earth Sciences and U.C. Davis, Ecology and Environmental Planning. My interest in economics and the challenges of sustainable resource management and environmental accounting began in the interdisciplinary Eco-Grad Group at U.C. Davis in the 1970s. My career began with environmental planning work for the Environmental Development Agency in San Diego in 1970 to protect the coastal lagoons of San Diego County. I founded a company in grad school that did environmental consulting, growing to 15 employees and pulling me away from my PhD work. My interest in microclimate and energy flows led me to work with Living Systems and the California Energy Commission on planning for energy conservation and solar research, development and education.

For almost 50 years I have focused on the challenge of sustainable management of resources and people. My pioneering work has included: developments in environmental impact analysis,



land capability evaluation (including costs), planning for sustainable communities, natural heating and cooling research, alternative building materials research and education (including straw bale building systems), research and education work in agroforestry and sustainable agriculture, desert and grassland restoration, and environmental accounting and sustainable management for businesses. I have written or been coauthor of 15 major books, 22 book chapters and more than 300 articles and reports on sustainable resource management.

I developed the sustainable management program at the Marshall Goldsmith School of Management and taught management, ecopreneurship, sustainable management, environmental management reporting, ethics, and other courses, served on doctoral research committees (for the Doctor of Business Administration degree) and assisted with campus and university sustainability initiatives including design management for a 48,000 square foot building before my retirement in 2010. My current writing and research focus remains on sustainable resource management and environmental history.

PIONEERING



I have always enjoyed being a pioneer (first state workshop on environmental impact analysis (1972), consultant enabling the first modern solar subdivision (1976), first steel tank water wall passive solar home (1978), first quantitative land capability analysis report, USGS (1979), first passive



solar tax credit, California (1978), contributor to the first passive solar handbook for California (1980), first straw bale workshop (1989), coauthor of the first book on sustainable agriculture for California (1991), editor of the first report on climate change impacts in Mexico (1991), first desert restoration workshop for the Society for Ecological Restoration (1993), first book on straw bale construction (1994), first national park guide to desert restoration (1995), contributor to the first book on agroforestry in California (1989) and the US (1997), first international conference on ecocomposites (2001), speaker at the first US Society of Ecological Economics Conference (2002), first International Solar Energy Society passive solar reference guidebook (2009), and co-organizer of the first North American conference on environmental and sustainability management accounting EMAN (2010). I hope to stay on the frontier. there is still much to be done and much to be learned.