CALVIN B. DEWITT

PROFESSOR OF ENVIRONMENTAL STUDIES EMERITUS
GAYLORD NELSON INSTITUTE FOR ENVIRONMENTAL STUDIES
UNIVERSITY OF WISCONSIN-MADISON

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MEMBER OF THE UNIVERSITY OF WISCONSIN GRADUATE FACULTIES OF:

ENVIRONMENT AND RESOURCES
WATER RESOURCES MANAGEMENT
LIMNOLOGY AND MARINE SCIENCE
CONSERVATION BIOLOGY AND SUSTAINABLE DEVELOPMENT

*

FELLOW OF THE UNIVERSITY OF WISCONSIN TEACHING ACADEMY

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PRESIDENT EMERITUS, AU SABLE INSTITUTE OF ENVIRONMENTAL STUDIES

ADDRESS

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UW Guide for News Media —https://experts.news.wisc.edu/experts/calvin-dewitt

EDUCATION B.A., 1957, Biology, Calvin College

M.A., 1958, Biology, The University of Michigan Ph.D., 1963, Zoology, The University of Michigan

PROFESSIONAL Assistant in Biology, Calvin College, 1958-1959.

HISTORY

National Science Foundation Graduate Fellow, 1960-1961; 1961-1962; 1962-1963.

Lecturer in Zoology, The University of Michigan, Ann Arbor, 1962.

Assistant Professor of Biology, The University of Michigan, Dearborn, 1963-1966. Associate Professor of Biology, The University of Michigan, Dearborn, 1966-1969.

Professor of Biology, The University of Michigan, Dearborn, 1969-1972. Honorary Fellow in Zoology, University of Wisconsin, Madison, 1970.

Fellow, Calvin College, 1977-1978.

Professor of Environmental Studies, University of Wisconsin, Madison, 1972-2011. Founding Director, Au Sable Institute of Environmental Studies, 1980-2005.

Professor of Environmental Studies Emeritus, University of Wisconsin, Madison, 2011-Professor of Environmental Studies Emeritus, University of Wisconsin, Madison, 2011-

PRINCIPAL RESEARCH INTERESTS

Integrative framing of science, ethics, and praxis in the development and application of solutions to environmental issues and problems; wetland ecosystem development and role in sequestering carbon and atmospheric solutes and particulates in maintaining a habitable earth; limnogeology; groundwater systems and stewardship in relation to wetlands, lakes, and municipal high-capacity wells policy; thermoregulatory systems and energy exchange across the span of individual organisms to biospheric processes; land stewardship at local governmental and global levels; interfacing of ethical, religious, economic, and governmental systems toward long-term health and sustainability of the biosphere; missiological contextualization within biospheric processes and ecosystem services; integrative scholarship across biblical and scientific understandings of ecological restoration and stewardship; interdisciplinarity and its applications to ecological and societal sustainability; and integrative biogeographic and trophic interactions in sustaining the biospheric economy.

CURRENT RESEARCH

Groundwater systems in relation to the geological Eau Claire Formation and buried bedrock valleys in southern Wisconsin; groundwater stewardship in relation to wetlands, lakes, and municipal high-capacity wells policy; conservation leadership development in the United States; wetland carbon sequestration in maintaining a habitable biosphere; strategic translation of environmental and global climate change science and ethics into practice by American evangelicals; strategic implementation of integrated ethics and science in sustaining the U. S. Endangered Species Act and addressing global climate change; Judaic and Christian religion and ecology; application of integrative interdisciplinary frameworks for science, ethics, and praxis; science and religion in dialogue on the biospheric economy; implications of Laudato Si' for biology and ecology; biospheric missiology; and biogeographic and trophic structure of the biospheric economy.

MOST RECENT TEACHING

Principles of Environmental Science (Envir St 126): an undergraduate environmental systems course I gave during both spring and fall semesters.

Environmental Internship Capstone (Envir St 600): in this practical course, I supervised internships in conservation leadership development for 20-25 senior undergraduates in environmental and conservation-based organizations during the spring semester.

Mentor of Duke Conservation Fellows: my mentoring of these 4-6 fellows annually included participating with them in an annual retreat at the National Conservation Training Center at Shepherdstown, West Virginia, and advising during the academic year.

Yahara Watershed Academy: in this endeavor of the Clean Lakes Alliance I currently teach the unit on wetlands of the Yahara Watershed, including on-site review of wetland ecosystem research on Waubesa Wetlands.

DISSERTAIONS Ph.D.: John Baldwin (Sandhill Crane Thermal Ecology, 1977), Elin Quigley (Wetland Hydrology Impacts, 1977), Robert M. Friedman (Wetland Ecosystem Development, 1978), Timothy K. Kratz (Bog Ecosystem Development, 1981), Francis D. Heliotis (Wetland Ecosystem Hydrology and Ecology, 1985), Caryl DeVries Elzinga (Hudson River Wetland Ecosystems and Conservation, 1992), Triet Tran (Crane Ecology and Conservation in Vietnam, 1993), Catherine R. Owen (Wetland Ecology and Conservation, 1993), Quentin J. Carpenter (Fen Ecosystem Ecology, 1995), Kenneth E, Wilkening (Transboundary Air Pollution in Asia, 1996), Fengshan Li (Crane Ecology and Conservation in China, 1997), Richard B. Peterson (Central African Ecology and Culture, 1998), Dorothy Boorse (Island Biogeography Applications to Wetland Ecosystem Development, 1999), Karen Jankowski (Climate Change Impacts on Biogeography, 2001), Elizabeth Bagley Sowatzke (Environmental Education Development, 2001), Susan Drake Emmerich (Ecology and Culture of Tangier Island, 2003), David W. Hoferer (Town of Dunn Ecology and Culture, 2009) (partial list).

- Ph.D. Dissertations by people for whom I was their principal doctoral advisor, published as books: Kenneth E, Wilkening 2004. Acid Rain Science and Politics in Japan: A History of Knowledge and Action toward Sustainability. Cambridge, Mass. and London: MIT Press.
 - Richard B. Peterson 2000. Conversations in the Rainforest: Culture, Values, and the Environment in Central Africa. New York: Westview Press.
- Ph.D. Dissertations by people for whom I was an early doctoral mentor, published as books: Curt Meine 1988. Aldo Leopold: His Life and Work. Madison, Wisconsin: University of Wisconsin Press.

Ph.D. Dissertations featured in films:

Susan Emmerich 2007. Between Heaven and Earth: The Plight of the Chesapeake Bay Watermen. Skunkworks Films and Center for Law and Culture.

Master's: Deanne Medd Lovely (1984), Stephen Gross (1985), Tara DeVries Cahill (1991), Francis D. Heliotis (1991), David Wise (1991), Sharon Ashworth (1992), Joshua K. Blumenfeld (1992), Michael Strigel (1994), Laura Tate (1994), Mary E. Mercier (1999), Brian M. Perry (1999), Timothy J. Tynan (2001) (partial list).

PREVIOUS TEACHING

General Biology, Natural History of Vertebrates (Calvin College, 1958-1959); Comparative Physiology, and Bioelectrical Measurements (University of Michigan, Ann Arbor, 1963-1964); Regulatory Physiology, Biophysics, Cell Physiology and Ultrastructure, Invertebrate Zoology, Animal Sociology and Behavior, Natural History of Vertebrates, Field Biology, Matter Energy and Life, and Senior Seminar in Biological Research (University of Michigan-Dearborn, 1963-1972); Human Population Ecology, Environmental Core Studies (Town of Dunn Paradigm for Ecological Sustainability), Research Methods in Land Resources, Modeling and Analysis of Environmental Systems, Environmental Systems Concepts, and Environmental Systems Methods, and Field Investigations in Wetland Ecology (Envir St 710) (University of Wisconsin-Madison, 1972-2010); and Land Stewardship Ecology (Au Sable Institute, 2006). And, at the age of 16 I taught a course in Herpetology at the Grand Rapids Public Museum in Michigan.

AWARDS AND

Arion Award (a national award for outstanding achievement by high school musicians), 1957 University of Michigan - Standard Oil of Indiana Award for Outstanding Teaching, 1967 RECOGNITIONS FUNEP 500 Environmental Achiever Award, Friends of the United Nations Environmental Programme, 1987

> Capitol Community Citizens Award for Land Use Planning in the Town of Dunn, 1987 Town of Dunn Stewardship Award, Town of Dunn, Dane County, Wisconsin, 1991

Highlighted in *The Best Professors at the University of Wisconsin-Madison: As Selected by the Students*. Wisconsin Student Association. 1992

John Marks Templeton Foundation Exemplary Paper Award, 1994

Chancellor's Award for Excellence in Teaching University of Wisconsin-Madison, 1995

John Marks Templeton Foundation Exemplary Paper Award, 1996

The Green Cross Founders Award, Christian Society of the Green Cross, 1997

Environmentalist of the Year Award, Madison Audubon Society, 1998

Distinguished Alumni Award, Calvin College, 1998

Honorary Doctorate (Doctor of Humane Letters). Waynesburg University, Pennsylvania, 2001.

National Wildlife Federation Special Achievement "Connie" Award, March, 2005

Fellow, American Scientific Affiliation, elected 2005

The Eighty Most Cited Articles in Physiological Zoology/Physiological and Biochemical Zoology, 1927 to 2006, *Physiological and Biochemical Zoology* 80(1):3-8. My paper on thermoregulation was the most cited in the year of its publication, and shared 25th place for the most cited all papers in 80 years.

Center for Faith and Scholarship, Distinguished Alumnus Award, Ann Arbor, Michigan, 2007.

The 2009 Annual Forest Steward Award (now "Steward of God's Creation Award"), National Coalition on Creation Care, Washington, D.C. Among earlier recipients are NASA's James Hansen, EPA Administrator Lisa Jackson, essayist Wendell Berry, and writer Bill McKibben.

Pacific Rim Institute for Environmental Stewardship. Designation of the "Dr. Cal and Ruth DeWitt Prairie Remnant" at a ceremony held in May 2016.

Au Sable Institute of Environmental Studies. Symposium and Celebration in honor of its Founding Director, Calvin B. DeWitt, and dedication of the Calvin B. DeWitt Library, Mancelona, Michigan, August 3-5, 2017.

AWARDS (SHARED)

Stewardship Award, Dane County Natural Heritage Foundation (with my neighbors, along Lalor Road), 1991.

Renew America Award (to the Town of Dunn for a land stewardship planning and implementation program that I initiated as an outreach service to this community of 4000 people from 1972-1977), 1995.

Teaching Excellence Award for Academic Departments and Programs, awarded by the UW System Board of Regents to the Faculty Fellows of the Bradley Learning Community

Renew America Best-of-the-Best Award (to the Town of Dunn for a land stewardship planning and implementation program I initiated as outreach service to this community of 5300), 2000.

PLENARY ADDRESSES @ PROFESSIONAL MEETINGS

British Ecological Society. Keynote lecture to the Ecological Ethics Session of the annual meeting of the Society, "Environmental Stewardship in International Context," University of York, York, England, December 18-20, 2002.

International Meeting on Planet Stewardship. University of Edinburgh, Edinburgh, Scotland. I presented the final of four plenary addresses with the first three given by Sir John T. Houghton FRS (on climate), Sir Ghillean T. Prance FRS (on biodiversity), and Bob White FRS (on ethics). My presentation was "Planet Care: Our Personal Response" - 3 Aug 2007

International Conference on Plants & Soils. McGill University, Montreal, Quebec. I presented one of the four keynote plenary addresses, 14-15 Jul 2008 at the international meeting, "Plants and Soils," in Montreal, Canada, 14-15 Jul 2008. This was a joint meeting of the Canadian Society of Agronomy, Canadian Society of Horticultural Science, Northeastern Branch of the

American Society of Agronomy, Crop Science Society of America and Soil Science Society of America. My PowerPoint talk was entitled "Plants and Soils in Biospheric Context: Bioenergetic

Challenges to Planet Stewardship"

STALEY LECTURES Thomas F. Staley Distinguished Scholar Lectureships:

Grand Rapids Baptist College, Grand Rapids, Michigan, 1984.

Fresno Pacific University, Fresno, California, February, 1990.

Grace College, Winona Lake, Indiana, 1990.

Redeemer University College, Ancaster, Ontario, 1991.

Tabor College, Hillsboro, Kansas, 1991.

Trinity Western University, Vancouver, British Columbia, 1991.

Illinois College, Jacksonville, Illinois, February, 1992.

The King's University College, Edmonton, Alberta, March, 1992.

Louisiana College, Pineville, Louisiana, February, 1993.

Monmouth College, Monmouth, Illinois, March, 1994.

Trinity Christian College, Palos Heights, Illinois, February, 1995.

Messiah College, Grantham, Pennsylvania, February, 1995.

East Texas Baptist University, Marshall, Texas, 1996.

Eastern College, St. Davids, Pennsylvania, 1996.

William Tyndale College, Farmington Hills, Michigan, March, 1997.

Eastern Mennonite University, Harrisonburg, Virginia, February, 2003.

NAMED

Warren Lecture, Dubuque Seminary, Dubuque, Iowa, September, 1995

SEMINARY

Abraham Kuyper Lecture, Center for Public Justice, Fuller Theological Seminary,

LECTURESHIPS Pasadena, California, October 31, 1996.

Charles H. Spurgeon Lecture, Denver Theological Seminary. Charles Spurgeon Lecture:

Environmental Stewardship: A Biblical Worldview, Denver, Colorado., April 21-22, 2003.

Francis Schaeffer Lectureship, Covenant Seminary, St. Louis, Missouri, Oct. 20, 2006.

OTHER

Hodson-Fessenden Science Lecture, Marion College, Indiana, 1985.

NAMED

University Lectureship in Pure and Applied Science, Anderson University,

LECTURESHIPS

Indiana, 1990.

Edward Lindaman Distinguished Christian Scholar Lectureship, Whitworth College,

Washington, April 20-23, 1992.

Forester Lecture, Huntington College, Huntington, Indiana, March 10, 1997

January Series Lecture, Calvin College. "Praising Rembrandt but Despising his Paintings: Stewardship of God's Creation," Grand Rapids, Michigan, January 7,1997.

Miller Lecture, Greenville College, Greenville, Illinois, April 17, 1997

The Robert William Ruotsalainen Rutlen and Elizabeth Jane Runn Rutlen Lecture on Faith and Creation, Inaugural Lecture, Luther Seminary, St. Paul, Minn., March 31, 2011.

Glenn A. & Jane L. Crosby Lecture, Waynesburg University, Pennsylvania, April 19, 2011.

The Robert Douglas Mutton Lectureship in Theology and the Practice of Ministry, Madison, Wisc., November 11-12, 2016.

ACADEMIC LECTURES SUMMARY LISTING

Convocation and Major Lectures on Environmental Ethics and Stewardship at about 150 colleges, universities, and seminaries nationally and internationally, including: Abilene Christian University (Texas), Academica Sinica (Beijing, China), Alpena Community College (Michigan), Anderson University (Indiana), Ashland College (Ohio), Augustine College (Ontario, Canada), Augustana College (Illinois), Augustana College (South Dakota), Azusa Pacific University (California), Belmont Abbey College, (North Carolina), Beloit College (Wisconsin), Bethel College (Minnesota), Biola University (California), Bishop Heber College (Tamilnadu, India), Calvin College (Michigan), Catholic University of America (Washington, D. C), Cedarville University (Ohio), Central University (Iowa), College of Wooster (Ohio), Colorado Christian University (Colorado), Cornerstone University [formerly Grand Rapids Baptist College] (Michigan), Covenant College (Georgia), Dana College (Nebraska), Dordt College (Iowa), Drew University (New Jersey), Drexel University (Pennsylvania), Drury University (Missouri), Dubuque University (Iowa), Eastern College (Pennsylvania), East Texas Baptist University (Texas), Edgewood College (Wisconsin), Elizabethtown College (Pennsylvania), Evangel University (Missouri), Fort Wayne Bible College (Indiana), Fresno Pacific University (California), Geneva College (Pennsylvania), Gordon College (Massachusetts), Goshen College (Indiana), Grace College (Indiana), Grand Rapids Community College (Michigan), Greenville College (Illinois), Hampden-Sydney College (Virginia), Handong University (Pohang, Korea), Hardin Simmons University (Texas), Harvard University (Massachusetts), Houghton College (New York), Huntington College (Indiana), Institute Pertanian Bogor (Indonesia), Iowa State University (Iowa), Illinois College (Illinois), Indiana Wesleyan University (Indiana), Institute Pertanian Bogor (Indonesia), Iowa State University (Iowa), John Brown University (Arkansas), Judson College (Illinois), Kenyatta University (Kenya), The King's College (New York), Korea Advanced Institute of Science and Technology (KAIST) (Taejon, Korea), Kosin University (Pusan, Korea), Kyungpook National University (Taegu, Korea), Lakeland College (Wisconsin), Lawrence University (Wisconsin), Lenoir Rhyne (North Carolina), Louisiana College (Louisiana), Louisiana State University (Louisiana), Luther College (Iowa), Malone College (Ohio), Luther College (Iowa), Marion College (Indiana), Marquette University (Wisconsin), Manchester University (International Ecology Meeting, England), McMaster University (Ontario, Canada), Messiah College (Pennsylvania), Monmouth College (Illinois), Montreat College (North Carolina), Mount Vernon Nazarene College (Ohio), North Park University (Illinois), Northern Arizona State University, Northern Missouri State University, Northwestern College (Iowa), Northwestern College (Minnesota), Notre Dame University (Indiana), Oacheeta University (Arkansas), Ohio State University (Ohio), Olivet Nazarene College (Illinois), Oral Roberts University (Oklahoma), Oregon State University, Oxford University (England), Peace College (North Carolina), Peking University (Beijing, China), Pepperdine University (California), Pohang University of Science and Technology (POSTECH)(Pohang, Korea), Point Loma Nazarene College (California), Redeemer University College (Ontario, Canada), Regent College (British Columbia, Canada), Roberts Wesleyan College (New York), Seoul National University (Seoul, Korea), Shandong University (Jinan, China), Southern Nazarene University (Oklahoma), Summit Christian College (Indiana), Tabor College (Kansas), Taylor University (Indiana), The Claremont Colleges (California), The King's University College (Edmonton, Alberta, Canada), Trinity Christian College (Illinois), Trinity Western University (British Columbia, Canada), Union University (Tennessee), University of Alaska (Alaska), University of British Columbia (Canada), University of Chicago (Illinois), University of Colorado (Colorado), University of Edinburgh (International Scientific Meeting), University of Florida (Florida), University of Illinois (Illinois), University of Manchester (United Kingdom), University of Massachusetts (Massachusetts), University of Michigan (Michigan), University of Minnesota (Minnesota), University of Montana (Montana), University of New Hampshire (New Hampshire), University of Northern British Columbia (Canada), University of Oxford (England), University of Oxford (England), University of St. Thomas (Minnesota), University of Victoria (British Columbia, Canada), University of Virginia (Virginia), University of York (British Ecological Society, England), University of Western Ontario (London, Ontario), University of Wisconsin-Milwaukee,

University of Wisconsin-Madison, University of Wisconsin-Stevens Point, University of Wisconsin-Wausau (Wisconsin), Vanguard University [Southern California College] (California), Viterbo University (Wisconsin), Waynesburg University (Pennsylvania), Westmont College (California), Wheaton College (Illinois), Whitworth College (Washington), William Tyndale College (Michigan), and Yale University (Connecticut).

SEMINARY LECTURES SUMMARY LISTING

Covenant Seminary (Missouri), Denver Seminary (Colorado); Dubuque Seminary (Iowa); Eastern Baptist Seminary (Pennsylvania); Fuller Theological Seminary (California); Luther Seminary (Minnesota); Princeton Theological Seminary (New Jersey); St. Paul Seminary (Minnesota); St. Paul's Seminary (Nairobi, Kenya); St. Paul Seminary (Minnesota); Southeastern Baptist Theological Seminary (North Carolina); and Westminster Theological Seminary (Pennsylvania). And seminary-related: Boston Theological Institute (Massachusetts); Centre International Réformé John Knox (Geneva, Switzerland); Faraday Institute for Science and Religion, University of Cambridge (England); Oblate School of Theology (Texas); and Oxford Centre for Mission Studies (Oxford, England).

SELECTED PUBLIC LECTURES

- Fitchburg, "Water and Land Stewardship in the Northeast Corner of Fitchburg," PowerPoint presentation, Fitchburg, Wisconsin, September 17, 2007.
- Fitchburg, "Significance of the Buried Bedrock Valleys & the Eau Claire Sea: Further Research and Recommendations," PowerPoint presentation, Fitchburg, Wisconsin, January 15, 2008.
- Fitchburg, "Water, Wells, and Well-Being: Local Sustainability in a World Wide Web," March 26, 2009.
- Capital Area Regional Planning Commission, "Intersection of the Eau Claire Formation by Buried Bedrock Valleys in Dane County, Wisconsin," PowerPoint presentation, Madison, Dane County, Wisconsin, January 14, 2010.
- •Town of Dunn, Arbor Day Lecture. "The Eau Claire Formation and the Beginnings of the Town of Dunn's Natural History, PowerPoint presentation, April 27, 2013.
- •IVCF Faculty luncheon talk (a written manuscript is available for this talk), UW Faculty Club, September 20, 2014
- Micah Center Lecture, "Creation Care and Climate Change: Imaging God's Love for the World," Grand Rapids, Michigan, May 17, 2013.
- Trinity Rivertowns Church, Hastings-on-Hudson, New York, presentation on biblical teachings on caring for creation, October 20, 2013. *Forum on Culture and Faith*. Is God Green? The Bible, Science, and the Environment. Hastings-on-Hudson, New York. October 20, 2013.
- Clean Lakes Alliance, Madison, Wisconsin, prentatjon on "Sustaining Yahara Lakes and Waterscapes: Functions of Their Wetland Systems above a Buried Bedrock Valley" June 12, 2014
- Capitol Area Regional Planning Commission, presentation on the Ecology of the Waubesa Wetlands Ecosystem, August 8, 2014.

NOTEWORTHY LECTURES 2000-Present

Yale University. Lecture on "Do Spiritual and Religious Perspectives of Creation Complement Scientific Understandings of Nature?" Invited paper, The Good in Nature and Humanity: Connecting Science, Religion and the Natural World. Yale School of Forestry & Environmental Studies, Yale University. May 12, 2000.

- *Windsor Castle.* Lecture on "Dynamic Stewardship" and concluding Integrative Lecture. Windsor, England, September 15-17, 2000.
- Mexican Roman Catholic Bishops, 2000. Presentation of a workshop on Environmental Stewardship to 20 leading Roman Catholic bishops from across Mexico in preparation for the nation-wide congress on Love and Care for Creation held in Mexico City in October, 2000.
- Oklahoma Academy of Science. Keynote Lecture: Science, Ethics and Praxis: A Framework for doing Science. November 10, 2000.
- Dominican-United States Institute. Evening lecture on "Stewardship and Sustainable Development" for political leaders and diplomats of the Dominican Republic, Santo Domingo, Dominican Republic. (This was a follow-up lecture to my lecture in 1998 for which the Dominican Republic Vice-President was the respondent), April 25, 2001.
- *Chautauqua Institution*. Lecture, "For the Beauty of the Earth," Chautauqua, New York, July 25, 2001.
- Princeton Theological Seminary. Lecture on Science, Theology and Technology: Responsible Praxis within the Ecological Order. Kuyper Center Inaugural Lectures Consultation. Princeton, New Jersey, February 2, 2002.
- Notre Dame University. Presentation of two lectures in the Lily Fellows conference on Ecology, Theology, and Judeo-Christian Environmental Ethics: "Lifting the Freight from Genesis 1:28—A Response to Elspeth Whitney," and "Refreshed Stewardship for a Dynamic Biosphere. Notre Dame, Indiana, February 21-22, 2002.
- Westminster Theological Seminary. Lecture on The Story of Waubesa Marsh: Interweaving Ecology, Theology, and Stewardship. Christian Reflections on Ecology Conference. Philadelphia, Pennsylvania, March 8, 2002.
- Climate Forum 2002. Invited paper on "Earth's Biospheric Economy," St. Anne's College, Oxford University, Oxford, England, July 14-17, 2002.
- Boston Theological Institute and Harvard Divinity School, Harvard University, Keynote lecture to the Costas Consultation in Global Mission, Earthkeeping as a Dimension, Cambridge, Massachusetts, Feb 28 March 1, 2003.
- Viterbo University. Keynote address at the Joint Conference of Midwest Region Society of Christian Philosophers & Ethics Across the Disciplines, "Stewardship: Caring for the Earth and its Inhabitants" at Viterbo University, La Crosse, Wisconsin, April 1-3, 2004.
- Dubuque University. Convocation Lecture, Environmental Stewardship, Dubuque, Iowa, Sep 21, 2004.
- *University of British Columbia*. Lecture on Environmental Stewardship, Vancouver, British Columbia, September 29, 2004.
- *University of Victoria.* Lecture on Stewardship and Environmental Campus Planning, Victoria, British Columbia, September 30, 2004.

- *Trinity Western University*. Lectures on Environmental Stewardship, Vancouver, British Columbia, September, 28, 2004.
- Michigan Interfaith Power and Light, "Environmental Stewardship, East Lansing, Michigan, Oct. 27, 2004.
- Drexel University, "Environmental Stewardship," Philadelphia, Pennsylvania, Dec. 2, 2004.
- Sierra Club and American Scientific Affiliation. "Environmental Stewardship," Colorado Christian University, Lakewood, Colorado, Feb. 3, 2005. Lectures to a joint meeting of their Rocky Mountain Chapters, February 4, 2005.
- *Trinity Western University.* Distinguished Scholar Lectures, Vancouver, British Columbia, February 16-20, 2005.
- *University of Northern British Columbia*. Lectures on Environmental Stewardship, Prince George, British Columbia, Feb. 21, 2005.
- Augustine College. The Weston Lecture, on Environmental Stewardship, Ottawa, Ontario, Canada, March 11-12, 2005.
- Lawrence University. Lecture on Environmental Stewardship, Appleton, Wisconsin, April 6, 2005.
- *Yale University.* Lecture jointly sponsored by the School of Forestry and Environmental Studies and the Yale Divinity School, New Haven, Connecticut, April 21-23.
- Sierra Club National Summit. Spoke as a member of a panel on Religion and Environment, at the annual meeting, San Francisco, Sep.10, 2005.
- Bethel University. Convocation, Environmental Stewardship, St. Paul, Minnesota, March 31, 2006.
- Redeemer University College, Address on Environmental Stewardship, Ancaster, Ontario, Canada
- Gordon College. Lecture on Environmental Stewardship. Wenham, Massachusetts, October 13, 2006.
- University of Illinois. "Christian Stewardship and Care for the Earth," lecture for the Program for the Study of Religion/Religion and Environmental Thought Series, Urbana, Illinois, October 6, 2006.
- *University of Chicago* (InterVarsity). Redeeming Conference, Lecture on Addressing Secularization and Disciplinary Fragmentation in Academy, Chicago, Illinois, November 10, 2006.
- *E-Source Forum* (US Energy Company CEOs and Managers national meeting), Lecture on Environmental and Energy Stewardship, October 5, 2006.
- Sierra Business Council Annual Conference, Talk on Environmental Stewardship and Bridge-Building between Scientists and Evangelicals, Yosemite National Park, California, November 4, 2006.
- Melhana Plantation -- Presentation on Environmental Science, Ethics, and Praxis, meeting of 28 US Scientists and Evangelical leaders, Melhana Plantation, Georgia, November 30 December 2, 2006.

- Cedar Campus, InterVarsity. Five lectures over five days on Interdisciplinary Teaching, Cedar, Michigan, June, 2006.
- *John Knox Centre*. Lecture on Environmental Science, Ethics, and Praxis, World Consultation on Missiology and the Environment, Sept. 19-21, 2006.
- *MacLaurin Institute, University of Minnesota.* Lecture on Environmental Stewardship at the Pristine Harmony Conference, St. Paul, Minnesota, September 22-23, 2006.
- Faraday Institute, Cambridge University. Lecture on the Integration of Science, Ethics, and Praxis, July 25, 2007.
- Louisiana State University. Lecture on Coastal Wetland, Hurricane Katrina, and Climate Change, New Orleans, March 16, 2007.
- *Marquette University.* Lecture on the Coalition of Leading Scientists and Evangelicals on Climate Change and Biodiversity, October 4, 2007.
- *McMaster University*. Evangelicals and Scientists: Global Consequences of a New Collaboration on Climate Change, October 11, 2007.
- Northwestern College, "Environmental Stewardship," Orange City, Iowa), October 26, 2007.
- Redeemer University College, "Environmental Stewardship," Ancaster, Ontario, October 10, 2007.
- Regent College, Marketplace Institute, Three lectures interactive with the lectures of the other two speakers, Preston Manning (former Canadian Member of Parliament) and Clyde Mather (former President of Shell Oil, Canada), on the Alberta Tar Sands.
- Roberts Wesleyan University, "Environmental Stewardship," April 18-20, 2007.
- *University of Colorado at Boulder*. Environmental Center, "Environmental Stewardship," National Faculty Forum, October 6, 2007.
- University of Massachusetts. Veritas Forum lecture Feb. 15, 2007.
- *University of Massachusetts, Roundtable Faculty Dinner*, a roundtable discussion of one of my published papers that had been studied by the 50 faculty member sattending.
- The University of Michigan. Erb Institute for Global Sustainable Enterprise, "Land Stewardship and Ecological Sustainability," October 18 and 19, 2007.
- University of Wisconsin. Geneva Forum, "Environmental Stewardship," UW Chamberlin Hall, February 8, 2007.
- The National Press Club. Evangelicals and Scientists Declaration, Washington, D.C., Jan. 17, 2007
 One of 8 presentations with James Hansen, E.O. Wilson, Eric Chivian, Richard Cizik, Peter Raven, and others.
- Wisconsin State Historical Society, "Environmental Stewardship," given as part of the Genenva Forum program, February 10, 2007.

- Cambridge University. Michael Faraday Institute, "Unsustainable Agriculture and Land Use," Buckingham House Conference on Root Causes of Unsustainability, June 25-28, 2008.
- Cambridge University, Michael Faraday Institute, Lectures to university courses:
 - "The Science and Ethics of Caring for the Environment," July 24, 2007.
 - "Unsustainable Agriculture and Land Use," June 24, 2008.
 - "Sifting and Winnowing for the Truth: Climate Change in an Age of Deception," June 27, 2008.
 - "Biblical Teachings on Environmental Stewardship and Caring for Creation," June 28, 2008. Also available as an mp3 audio recording accessible at: http://www.st-edmunds.cam.ac.uk/faraday/podcast.xml)
- Cambridge University. Michael Faraday Institute, participation is a writer's workshop on "The Root Causes of Unsustainability", June 27-28, 2008.
- University of Illinois. "Climate Ethics: Winds of Change" presented at the conference, Planet U: The Human Story of Climate Change, April 9, 2009. (Video of this presentation is accessible at: http://www.planetu.illinois.edu/videos/dewitt.html)
- 8th Annual International Bioethics Forum, "Science, Ethics, and Praxis," Promega, Fitchburg, Wisconsin, April 23-24,2009.
- Southeastern Baptist Seminary, "Creation Care: Responding to Environmental Degradation," presented at their Creation Care Conference, Oct. 20, 2009. Video is accessible at: http://apps.sebts.edu/chapel/chapelMessages_cascade.cfm?filter_sortdirection=DESC&filter_s emesterid=0&Page=43
- Nelson Institute, University of Wisconsin. Keynote address for the Nelson Institute Certificate Program 30th Anniversary, Nov. 5, 2009.
- 8th Annual International Bioethics Forum. Sustainability and the Roots of Unsustainability, Pro-Mega, Madison, Wisconsin April 23, 2009.
- Buoyoucos Soil Stewardship and Climate Change Meeting, keynote address, workshop participation, and help write a declaration on soil stewardship, Nebraska City, Nebraska, June 1-3,2009.
- New College Madison. "Institutional Reform for Integrity: Family, Society, and Biosphere" presented at the conference on Environmental, Familial and Social Sustainability, Madison, Wisconsin, Jan. 21, 2011.
- International Arts Movement. Keynote lecture, "Art on the Creator's Canvass in an Age of Revelation." Tribeca Performing Arts Center, New York City, March 3-5, 2011.
- Ecological Society of America. Invited paper on "The moral ground: the role of faith and faith-based institutions in fostering stewardship, Annual Meeting, Austin Texas, Aug. 10, 2011.
- Brave New Planet. Concluding plenary address (other plenaries: Bill McKibben, David Orr, Dean Freudenberger, John Cobb, & Mary E. Moore). Claremont, California, October 28-29, 2011.
- Dordt College, Science and Technology Center, "What are People for? Role of Humans and the Value of Creation." Sioux Center, Iowa, November 9, 2011.

- The Ohio State Lectures. Given in and around Columbus and Wooster, Ohio, January 26-28, 2012.

 Ohio State University, "Environmental Science as an Ethically-Driven Integrative Science."

 Columbus, January 26, 2012.
 - *College of Wooster*, "Will the destroyers of the earth be destroyed?" InterVarsity evening lecture, Wooster, Ohio, January 26, 2012.
 - College of Wooster, "Addressing Disciplinary Fragmentation in Science and the Liberal Arts." Faculty Science Round Table, Wooster, Ohio, January 27, 2012.
 - Ohio State University, "Plants & Soils in Biospheric Context: Bioenergetic Challenges to Earth Stewardship" followed by David Kline. Ohio Agricultural Research and Development Center (OARDC-OSAU), Wooster, Ohio, January 27, 2012.
 - Interfaith Community Lecture, "Climate Ethics: Winds of Change" followed by a presentation by Amish farmer, David Kline, Wooster Unitarian Universalist Church, January 27, 2012. Supporting PowerPoints and papers can be accessed at: http://www.ohipl.org/CalDeWitt----
 - Ohio State University, "The Dunn Paradigm: How We Transformed Our Town into an Environmental Stewardship Community" for a meeting with community civil, academic and religious leaders for lunch, The Ohio Agricultural Research and Development Center (OARDC-OSAU), Wooster, Ohio, January 27, 2012.
- Judson College, "Missionary Earthkeeping," a campus-wide lecture, Elgin, Illinois, November 1, 2012.
- Luther Seminary, "How Does the Bible Support the Care of Creation?" This is the inaugural Robert William Routsalainen Rutlen and Elizabeth Jane Rutlen Lecture on Faith and Creation. Information can be accessed at: (http://www.luthersem.edu/lectures/faithandcreation/) St. Paul, Minnesota, March 31, 2011.
- AAAS Symposium, "Scientists and Evangelicals in Partnership for the Creation: Emergence of Evangelical Environmentalism," Symposium on Partners for the Earth: Scientists and Religious Groups Working for the Environment, American Association for the Advancement of Science, Boston Massachusetts, February 15, 2013.
- St Paul's University (Kenya), "Biblical Foundations for the Care of God's Creation," Nairobi, Kenya, April 25, 2013.
- Wisconsin Interfaith Power and Light, 15th Anniversary Conference, and Light 15th Anniversary, Keynote Lecture, "Climate Stewardship: Sustainability, Eco-Justice, and Well-Being," Central United Methodist Church, Milwaukee, Wisconsin, May 18, 2014.
- Faith, Food & the Environment Symposia: The Vocation of the Agricultural Leader (These two symposia relate strongly to the encyclical letter, Laudato Si' of Pope Francis.)
 - *University of St. Thomas*, "Biblical Environmental Ethics," St. Paul, Minnesota http://www.faithfoodenvironment.org/presentations/biblical-environmental-ethics/, November 5-7, 2014.

- Milan International Expo, "Food Production & Climate Change: Integral Ecology as Vocation," (other speakers: Cardinal Peter Turkson (Vatican Council on Justice and Peace), Christopher Thompson (Dean of St. Paul Seminary), and Paolo Groppo (FAO, UN), Milan, Italy, http://www.faithfoodenvironment.org/2014-symposium/presentations, June 28, 2015.
- Calvin College Alumni Association, Heritage Class Lecture, "From Garden to Globe: Our Reformed Embrace of Science and Stewardship—in Service to the Wider World," Calvin College, Grand Rapids, Michigan, April 22, 2015.
- Wetland Science Conference, "Telling Our Stories: Time & Tempo in Wetlands and Wetland Science," 20th Anniversary Plenary, Wisconsin Wetlands Association. Madison, Wisconsin, February 26, 2015.
- Saint Paul Seminary, "Carbon, Climate, & Self-Control: Prophetic Teachings of the Biosphere," presented at the Human and Natural Ecology conference, Pontifical Council for Justice and Peace, U.S. Catholic Conference of Bishops, Center for Catholic Studies, and Center for Theological Formation at Saint Paul Seminary School of Divinity, University of St. Thomas, June 4, 2015.
- Catholic University of America, "Laudato Si' & Climate Change: The Current State of Our Understanding," Faith and Science in Conversation, Laudato Si' and Protection of 'Our Common Home,' Symposium, Committee on Doctrine of the U.S. Conference of Catholic Bishops & CUA, October 26, 2015
- Global Hotspots Lecture, "The Wisconsin Idea & Papa Francesco's Invitation to All People to Dialogue 'on Care for Our Common Home," Wisconsin Alumni Association, UW International Division, and UW P.L.A.T.O., September 18, 2015.

 Video: https://www.youtube.com/watch?v=QRHi3ilZMuo
- Center for Land and People, "Scientific Response to Laudato Si'—On Care for Our Common Home," Church's Center for Land and People and Edgewood College Department of Religious Studies, Edgewood College, September 27, 2015.
- Ecological Society of America, "Evangelical Contributions to Earth Stewardship: Laudato Si' & Stewardship as Con-Service," Symposium on Ecologists and Faith & Justice Communities, Baltimore, Maryland, August 12, 2015.
- Care of Creation 10th Anniversary Celebration, "From Garden to Globe: Care of Creation as Our Commission of Con-Service," Christ Presbyterian Church, Madison, April 18, 2015.
- UW Christian Faculty & Staff Fellowship, "Pope Francis and Laudato Si': Care for Our Common Home," University of Wisconsin Faculty Club, Madison, January 29, 2015.
- Saint Paul University Catholic Center, Badger Catholic, "Appointed to Serve and to Keep—Laudato Si' & Ecological Conversion: Earth Stewardship as Vocation," Badger Catholic Alpha Omega Student Gathering, Madison, Wisconsin, April 14, 2016.
- Nelson Institute, University of Wisconsin, "Caring for Our Common Home in a Post-Truth Climate, Presented at the 11th Annual Earth Day Conference Monona Terrace, Madison, Wisconsin, April 18, 2017.

Vita Pura, Bodger Catholic. "Earth Stewardship and Laudato Si', St. James Catholic Church, Madison, Wisconsin, April 30, 2016.

Yahara Watershed Academy, "Waubesa Wetlands & the Dunn Land Ethic: A Case Study of an Environmental Stewardship Community," Edgewood College, Madison, Wisconsin, May 2, 2017.

Au Sable Institute of Environmental Studies, Eight Responses, Field Trips, and Presentations, Au Sable Legacy Symposium and Celebration, Mancelona, Michigan, August 3-5, 2017.

INTERNATIONAL Member, United Nations, Advisory Board for N.A. Environmental Sabbath, 1987-1997.

PUBLIC SERVICE Advisor, World Council of Churches, World Convocation on Justice, Peace & Integrity of Creation (Seoul), 1990 and Pre-Assembly Preparatory Consultation (Kuala Lumpur, Malaysia), 1990.

Outside Reviewer, University of Malaya (tenure review), 1992-1995.

Zurich Evangelical Fellowship Consultation on Environment and Development, (Opfikon, Switzerland) 1990.

Advisor, Heber Au Sable Institute for Environmental Studies, Bishop Heber College, Tiruchirapalli, India. 1992-2007.

Member, Plant with Purpose (formerly Floresta) Board of Advisors (Reforestation, Dominican Republic). 1993-present.

Patron, The John Ray Initiative (United Kingdom) www.jri.org.uk 1999-present.

Member, Science and Christian Belief, Editorial Board (United Kingdom), 1996-present.

Member, Council of Reference, Plateau Perspectives (Tibet) an NGO for environmental protection & community development in the Tibetan Plateau region of China, 2005-present.

Official Observer, United Nations Framework Convention on Climate Change, COP-16, Cancun, Mexico, December 6-11, 2010.

Public Service Member, The Land Institute, Advisory Board (Salina, Kansas), 2000-present.

NORTH AMERICA (SELECTED)

Member, National Advisory Committee, Americans for a Maine Woods National Park (2002-

Member, Lake Waubesa Conservation Association Board of Directors, 2000-2017.

Board of Directors, Center for Public Justice, Washington, D.C., 1980-1986.

Chair, North American Conference on Christianity and Ecology, 1990-1991, Vice-Chair, 1986-1989.

Member, Task Force on the Stewardship of Creation, Christian Reformed Church in North America, 1991-1992.

Founding Member and Chair, American Society of the Green Cross (U.S.A.), 1992-1998.

Member and Chair, Task Force on Caring for Creation, Christian Reformed Church in North America, 2011-2013.

Editorial Board, Green Cross magazine, 1992-1998.

Member, Committee on Creation and Science, Christian Reformed Church in North America, 1988-1991.

Member, Committee on Environmental Stewardship, Christian Reformed Church in North America, 1991-1992.

Advisor, Environmental Task Force, Evangelical Lutheran Church in America, South Central Wisconsin Synod, 1990-1996.

Member, Synodical Committee on Environmental Stewardship, Christian Reformed Church in North America., 1991-92.

Advisor, National Religious Partnership for the Environment, New York, 1998-2008.

Corresponding Editor, Christianity Today, 1993-2013.

Chair, Christian Environmental Council, 1994-1997.

Chair, Advisory Council, Evangelical Campaign to Combat Global Warming and Climate Change, 1998-2008.

Member, Advisory Board, The Green Bible. New Revised Standard Version. New York: HarperOne publishers, 2007-2009.

Delegate, Annual Synod, Christian Reformed Church in North America., June 7-14, 2013.

Member, Advisory Board, Institute for Integral Ecology, St. Paul Seminary, St. Paul, Minnesota, 2015-

Public Service Wisconsin Wetlands Association, Vice-Chair, 1972-1976.

NORTH AMERICA Aldo Leopold Preserve Advisory Committee, Sand County Foundation, Member, 1974-1988.

The Nature Conservancy of Western Michigan, Stewardship Committee, Chair, 1978-1979.

Waubesa Agricultural and Wetlands Preserve, Steward/Overseer, Dane County Natural Heritage Foundation and the American Farmland Trust, 1974-present.

Natural Heritage Land Trust (formerly Dane County Natural Heritage Foundation) Board of Directors, Member, 1986-1998; Advisor 1998-present.

Agriculture Technology & Family Farm Institute, Member, Technical Steering Committee, State of Wisconsin, 1990-1998.

University of Nevada. Outside Reviewer (chaired professorship review), 1990.

Wisconsin Legislative Committee on Incentives for Natural Resources Stewardship, Member, 1999.

U. S. National Park Service. Participant in planning the "Vital Signs" Long Term Ecological Research (LTER) program for Ebey's Landing National Historical Reserve, June 5-7, 2001. Coupeville, Washington, June 5-7, 2001.

U. S. National Park Service. Participant in developing the General Management Plan (GMP) for Ebey's Landing National Historical Reserve, Coupeville, Washington, October 23-25, 2001

EDUCATIONAL

Outside Reviewer. The Educational Foundation of America, 1991.

SERVICE NORTH AMERICA Dearborn Christian School Board, Vice-Pres. and Chair of Education Committee, 1965-1968; President 1968-1970.

Board of Directors, Christian Schools International (formerly National Union of Christian Schools), Grand Rapids, Michign, 1967-71; President, 1969-71.

Board of Directors, Eastern Michigan Chapter, Calvin College Alumni Association, 1967-1969.

Member, Board of Advisors, United Theological Seminary, Dayton, Ohio. 1994-1996.

LOCAL & REGIONAL **GOVERNMENT** Legislative Commission on Minnesota Resources, Peer Review Panel, Member, 1992-1994.

Town of Dunn, Land Use Planning & Zoning Committee, Member, Dane County, 1973-1975.

Town of Dunn, Supervisor, Town Board, Dane County, Wisconsin, 1973-1975.

Town of Dunn, Chair, Town Board, Dane County, Wisconsin, 1975-1977.

Town of Dunn, Planning Consultant, Dane County, Wisconsin, 1977-1978.

Town of Dunn, Park Commission, Chair, 1980-1981; Member, 1982-1990.

State of Wisconsin, Land Use Classification Executive Committee, Member, Wisconsin Department of Administration and Planning, 1974-1977.

Western Lake Superior Management Cooperative, University of Wisconsin Representative, 1990-1995.

Town of Dunn, Advisor on Purchased Development Rights (PDR), 1994-1996; program implemented 1996. Also informal advisor, 1996-present.

Dane County Planning Strategy Group. Member of a group of 12 strategists organized by Sustain Dane to advise the County Executive, Madison Mayor, and planners. This group had 12 meetings, with my contribution being a major portion of the text of the groups report, 2003-

Member, Technical Advisory Council, Capitol Area Regional Planning Commission, Dane County, Wisconsin, 2009-2013.

U.S. SENATE & Keynote Speaker at Senate Breakfast meeting at invitation of

WHITE HOUSE Senators Joe Lieberman and Sam Brownback, U. S. Senate Office

Building, April 20, 2004.

White House meeting with Edwin Piñero the President's Environmental Stewardship officer,

Washington, D. C. Jan. 11, 2005

LISTINGS Who's Who in Theology and Science.

The Writers Directory, St. James Press, Detroit.

Early Classics in Biogeography, Distribution, and Diversity Studies: 1951 to 1975

("primary sources...that have most affected the evolution of our thoughts on the geographical and ecological distribution and diversity of life."). For my paper: DeWitt, C. B. 1967. Precision of Thermoregulation and its relation to environmental factors in the desert iguana,

Dipsosaurus dorsalis. Physiological Zoology 40:49-66.

Interdisciplinary Professional and Honorary Societies

American Association for the Advancement of Science

PROFESSIONAL American Scientific Affiliation (Fellow)
MEMBERSHIPS Christians in Science (United Kingdom)

Ecological Society of America Geological Society of America

International Society of Biometeorology

International Society for Science & Religion (Fellow)

Phi Sigma Biological Honorary Society

Phi Beta Kappa

Sigma Xi Scientific Research Society Society for Conservation Biology

Religion and Conservation Biology Board, Member

Society for Integrative and Comparative Biology

Society of Wetland Scientists

Disciplinary Professional Societies

American Society of Ichthyologists and Herpetologists

New Zealand Ornithological Society

LEADERSHIP & University of Michigan-Dearborn: Chair, Section of Mathematics and Natural Sciences, 1968-1970;

COMMITTEE Acti

Acting Chair, Section of Mathematics and Natural Sciences, 1967-1968; University

SERVICE

Committee (Dearborn Campus), 1968-1972 (University of Michigan-Dearborn). *Also*: Literature, Science and the Arts (LS&A) Standing Committee, LS&A Academic Standards Committee; Dearborn Campus Curriculum Committee; Faculty Campus Planning Committee; LS&A Academic Planning Committee; Campus Scholarship Committee (Chair).

University of Wisconsin-Madison: Assistant Director of the Biotron 1972-1977; Acting Director, Quantitative Ecosystem Modeling Group, (IES, 1973-1975); Alternate Senator, University Senate, 1972-1976 (University of Wisconsin-Madison). Also: IES Undergraduate Certification Committee, IES Teaching Assistant Policy and Procedures Committee, IES Executive Committee, IES Awards Committee, and IES Environmental Studies Curriculum Committee. Center for Environmental Toxicology Executive Committee, Biocore Steering Committee, Center for Biology Education Steering Committee, University Undergraduate Scholarship Committee, and Agriculture Technology and Family Farm Institute Technical Steering Committee.

CLIMATE SCIENCE & **OUTREACH** I organized and co-chaired with Sir John T. Houghton,

Co-Chair of Working Group III (Scientific Assessment) of the Intergovernmental Panel on Climate Change (IPCC) a forum on the science and ethics of global climate change at St. Anne's College, Oxford, England, July 14-17, 2002. This forum brought together key scientists and ethicists together for the purpose of building the connections between scientists and major political and religious leaders to spur responsible political action. These included Robert Watson, immediate past Chair of the IPCC and Richard Cizek, Vice-President of the National Association of Evangelicals for Governmental Affairs.. (Details of this forum, including a copy of the Oxford Declaration on Climate Change can be accessed at: http://www.jri.org.uk/news/statement.html

I chaired the Task Force on Climate Change and Creation Stewardship for the Christian Reformed Church in North America that produced a comprehensive report, presented to the CRCNA Synod in June, 2012, where it was adopted. This report, I believe is a model for denominational reports that follow through to action.

INSTITUTION **FORMATION**

Au Sable Institute of Environmental Studies, Founding Director, 1979-2005 International Evangelical Environmental Network, Founding Co-Secretary, .1992.

&

Evangelical Environmental Network, Co-Founder, 1993.

LEADERSHIP

American Society of the Green Cross (U.S.A.), Founding Member & Chair, 1992.

Joint Appeal by Religion & Science for the Environment, Washington, D.C., Signatory, 1992. Heber Au Sable Institute, Assisted Principal D. Swamaraj in its founding, Tiruchirapalli, India 1993. Christian Environmental Council, Founding Chair, 1994-1997.

Evangelical Campaign to Combat Global Warming & Climate Change, Advisory Council Chair, 1998. Town of Dunn (Dane County, Wisconsin), Supervisor and Town Chair 1973-1977.

Aldo Leopold Reserve Advisory Committee, Sand County Foundation, Member, 1974-1988. Academy of Evangelical Scientists and Ethicists, Founding President, February, 2005-present. The Noah Alliance, co-founder with the Coalition on Jewish Life and the Environment (COEJL) to defend the U. S. Endangered Species Act, 2005.

ECOLOGICAL COMMUNITY DEVELOPMENT

WHIDBEY IS.,

PUGET SOUND

Central Whidbey Island in Puget Sound, Washington has been my "laboratory" for applying (1) my work on community mobilization in the Town of Dunn, (2) ecological restoration work on the Waubesa Wetlands and Agricultural Reserve, and (3) my work at bridge-building among congregations, communities and local government. This is work that has been accomplished over the 6-year period from 1999 through 2005 within Ebey's Landing National Historical Reserve, a unit of the U. S. National Park Service (NPS). This work includes my ex officio membership on the NPS committee for developing the General Management Plan for this National Historical Reserve.

- Meetings over 6 years with National Park Service administrators at national, regional, and local levels, including contributions to developing the General Management Plan for Ebey's Reserve; regular meetings and conference calls with the Ebey's Reserve Manager, Rob Harbour; work with the Ebey's Landing Trust Board; and meetings with regional environmental organizations and leaders. This includes:
- Development of a prairie propagation and restoration program.
- Prairie Celebration keynote address, Smith Prairie, Whidbey Island, May 8, 2004.
- Presentation for Coupeville United Methodist Church, Aug 1, 2004.
- Talk and field trip for Freeland Lutheran Church, Freeland, Washington, Jun. 26, 2005.
- Prairie Heritage Day address, April 17, 2005.

Global Carbon Fund and Energy Work

Strategy Meeting on world religions and the environment, Katherine Marshall's office, World Bank, Jan. 12, 2005.

Talks and Teaching for Faculty, College and University Classes, and Student Groups

Talk for the Costa Rica field trip undergraduate students, *The Crossing*, Madison, 2 Nov 2004. Talk for UW faculty on "Productivity," Union South, 17 Dec 2004

Guest lecture for the Environmental Sociology class for Dr. Mark Thomas, Madison Area Technical College, at Waubesa Marsh, 27 May 2005.

Environmental Stewardship Retreat. Presentations to joint meetings of graduate students from The University of Michigan, University of Wisconsin, Michigan State University, and Cornell University, northern Michigan, 24 Sep 2005

Envir St 901- Agricultural Productivity & Ecosystem Health - Nowak & Miller Dec 2, 2009.

Field teaching across the Southern Alps, Kaikoura, New Zealand for CCSP, May 19-30, 2010.

Lecture, Chris Bocast class, University of Wisconsin-Rock County, Janesville, April 11, 2013.

Covenant Theological Seminary, "Creation Stewardship," Lecture/Discussion by Telephone, for Prof. Greg Pitchford' class, Feb 18, 2014

Lecture/conversation, Prof. Michael Bell's sociology class, October 29, 2011, December 4, 2012, March 24, 2015.

Field teaching on Waubesa Wetlands, Prof. Joy Zedler's class in Wetland Restoration, September 29, 2015.

Lecture on "Ecology and the Roots of Our Ethical Crsis, for the PLATO course coordinated by Profs. Craig Davis and William Eisinger, Madison, November 7, 2017.

Broadcast, Internet, and Print Media

Christianity Today, "God's Green Acres: How Calvin DeWitt is helping Dunn, Wisconsin, Reflect the Glory of God's Good Creation," by Tim Stafford, (June 15, 1998).

ONEARTH, "The Gospel of Green," by Bill McKibben, (Fall, 2006)

Grist, "The Soul of DeWitt" by David Roberts (10/17/06)

Science, "Evangelicals, Scientists Reach Common Ground on Climate Change" by Eli Kintisch, Science 24 February 2006:Vol. 311 no. 5764 pp. 1082-1083.

Nature, "Church joins crusade over climate change" by Amanda Haag, (http://www.amandamascarelli.com/Amanda_Mascarelli/portfolio_files/Church%20joins%20crusade.pdf), March 8,2006.

Interviews in 2006 with *Newsweek*, *Business Week*, *Time*, *Philadelphia Inquirer*, *The Washington Post*, Kansas City Star, and the *BBC*, on the topic of the church and climate change.

Grist magazine, An interview with environmental scientist and evangelical leader Calvin DeWitt, by David Roberts, October 17, 2006.

Speaking of Faith with Krista Tippett, "Discovering Where We Live: Reimaging Environmentalism," National Public Radio. [Also see Krista Tippett 2016. Becoming Wise: An Inquiry into the Mystery and Art of Living, New York: Penguin Press, 39-43.], January 11, 2007.

Krista Tippett ON BEING - featuring my work in the Town of Dunn and the work of Majora Carter in South Bronx. Interviews, quotations & photos from my stewardship work. American Public Media, (http://being.publicradio.org/programs/discoveringwherewelive/particulars.shtml) Video: http://www.onbeing.org/program/discovering-where-we-live-reimagining-environmentalism/feature/video-stories/2110 [A fine summary of my work in stewardship.]

Here on Earth: Radio Without Borders with Jean Feraca, Wisconsin Public Radio, February 13, 2007.

Wisconsin State Journal, Holistic Thinking Key to Sustainable Future, Op Ed, with Lewis Gilbert, April 21, 2009.

International Arts Movement, IAM Conversations with Christy Tennant "Images on the Creator's Canvas" November 11, 2010
http://www.internationalartsmovement.org/podcasts/
IAMlobal/episodes/885-calvin-dewitt-part-1

Wisconsin Public Radio, Here on Earth: Radio Without Borders with Jean Feraca,
Program on Green Fath in the Inside Islam Series—with Prof. Anna Glade, February 29,
2012.

Wisconsin Alumni Association, Wed Nite @ Lab, "The Keystone XL Pipeline:
Analysis in Context of Climate Change & Public Policy," public lecture and filming. August
6, 2014

Wisconsin Public Television, "The Keystone XL Pipeline: Analysis in Context of Climate Change & ublic Policy," filmed for subsequent television broadcasts, August 6, 2014.

Downtown Dailies Documentary & Advocacy Video, "Waubesa Wetlands in danger," 20-minute videofilming, www.downtowndailies.org, August 24, 2014.

Toward Ecological Civilization (EcoCiv), "Research Consultation on Ecological Civilization." Claremont, California, video discussion via Skype, February 9, 2016.

Radio Interviews

Michigan Public Radio hour-long interview, Interlochen, Michigan, Dec. 8, 2004. Radio Interview on KPOF, Denver, March 14, 2005.

Radio Interview (Endangered Species Act) on Salt Lake City Public Radio, Oct. 5, 2005 Radio Interview on KFRU (Endangered Species Act), Columbia, Missouri, Oct. 12, 2005. Public Radio Interview (Endangered Species Act), Rensselaer Polytech Institute Radio, Oct. 26, 2005.

Radio Interview on the *Green Bible*, Radio Green Earth, WXEL Florida, May 31, 2011.
Radio Interview, faith & environment, KTIS Minneapolis & WNWC, Madison, July 27, 2011.
WTKF-FM Radio, Song of a Scientist Interview on Coastal Daybreak, North Carolina, April 19, 2012.

Moody Radio, Song of a Scientist Interview, May 9, 2012.

KZYX Public Broadcasting, Interview on the Town of Dunn on their "Corporations and Democracy" program, Philo, California, June 1, 2012.

Print Media Interviews

• National:

I have maintained supportive relationships with writers and reporters, including *Newsweek*, *Time*, *Business Week*, *Science*, *The Washington Post*, *The New York Times*, *Philadelphia Inquirer*, *Kansas City Star*, *Atlanta Journal Constitution*, *British Broadcasting Corporation* and Bill Moyers. I have had one or more extensive interviews with each of these, largely on the topics of global climate change.

• Local and Regional:

I have maintained supportive relationships with writers and reporters, including the *Capital Times, Wisconsin State Journal*, and an editor and reporter that cover the local media for Oregon, Verona, and other communities south of Madison.

Talks and Presentations on Environmental Stewardship to Area and Regional Churches

- Crossroads Church. Pulpit Dialogue with Rev. Douglas VanEssen, Madison, January 23, 2005.
- Lutheran Coalition for Public Policy in Minnesota. Keynote address on "The Moral Imperative of Faith Communities to Protect the Integrity of Creation. "Greening Your Congregation" conference, Minneapolis, Minnesota, April 3, 2005.
- Mt. Vernon United of Christ, Environmental Stewardship, Mt. Vernon, Wisconsin, May 15, 2005.
- Geneva Campus Church, field trip on Waubesa Marsh, Oct. 15, 2005.
- Orchard Ridge United Church of Christ, Environmental Stewardship, Sept.21, 2009.
- New Crossing Church, Sun Prairie, presentation on Environmental Stewardship, April 16, 2011.
- First Presbyterian Church, LaCrosse, presentation on Environmental Stewardship, March 14, 2011.
- First United Methodist Church, Madison, Environmental Stewardship, October 17, 2010.
- Southwest Association of the United Church of Christ, Monroe, Wisconsin, May 2, 2009.
- LaVerne Heights Presbyterian Church, Claremont, California, sermon on Environmental Stewardship, Nov. 12, 2012.
- Claremont Area Churches, Claremont, California, Workshop on "Making Your Church a Creation Care Center, Nov. 12, 2012.
- Presbytery of San Gabriel, Presbyterian Church USA, pre-Presbytery presentation on my book, *Song of a Scientist*, Nov. 13, 2012.
- Christ Memorial Church, Holland, Michigan, lecture and workshop presentation for the Western Michigan region, May 18-19, 2013.
- Crossroads Church. *Song of a Scientist* discussion on 5 Sundays, September 15 October 13, 2013.
- Holy Wisdom Monastery, Middleton, Wisconsin, homily on biblical stewardship, October 19, 2014.
- Madison Christian Community, "Caring for Creation," Community of Hope UCC & Advent Lutheran Church, Madison, Wisconsin, January 17, 2015.
- Mt Vernon United Church of Christ, "Laudato Si' and the Care of Creation," Mt. Vernon, Wisconsin, September 20, 2015.
- Midvale Community Lutheran Church, "Climate and Atmospheric Providence Pope Francis' Laudato Si' and Earth Stewardship," September 27, 2015.
- Bethel Lutheran Church, "Caring for Creation: Earth-Wise," Creation Care Lecture and Discussion Series, Madison, Wisconsin, October 18 Oct, 2015.

Reconciliation of Religion and Science on the Environment

Keynote Lecture to a joint meeting of the Rocky Mountain Chapters of the Sierra Club and American Scientific Affiliation, on reconciliation toward cooperative environmental action, Denver, Colorado, Feb. 4-5, 2005.

Sierra Club National Summit. Presentation and participation on a panel on Religion and Environment at the annual meeting, San Francisco, Sep.10,2005.

Local and Regional Talks and Workshops on Land Stewardship

Baraboo Range Association - talk on land stewardship, Baraboo Opera house, Feb. 11, 2004.

Dane County Vision - participated in 12 monthly meetings to envision the future of Dane County under the auspices of Sustain Dane and its Chair, Brian Joiner, beginning on Feb 23, 2004.

First Presbyterian Church - Baraboo, Wisconsin, Apr 25, 2004.

University of Wisconsin-Baraboo - Lecture for the Environmental Science class on Water and Water Stewardship, Mar. 10, 2005.

- Lake Waubesa Conservation Association Lecture at Annual Meeting on Water and Waubesa Well-being, Mc Farland Village Hall, September 29, 2013.
- West Waubesa Preservation Coalition PowerPoint presentation at Annual potluck supper on Effects on Lake Waubesa from Fitchburg's Proposed Northeast Development, Fitchburg Library, Fitchburg, Wisconsin, October 27, 2013.
- West Waubesa Preservation Coalition PowerPoint presentation on "Restoring the Nitrogen Cycle: Recycling Leadership from Garden to Globe, Fitchburg Library, Fitchburg, Wisconsin, August 15, 2016.
- Badger Flyfishers "Sustaining Our Streams and Wetlands—Importance of the Yahara Buried Bedrock Valley," Maple Tree Supper Club, McFarland, Wisconsin, May 18, 2015.
- Waubesa Wetlands, Wetlands and Swan Creek Ecology by Canoe, Natural Heritage Land Trust, September 19, 2015.
- Hook Lake Bog Stewards & Neighbors Field trip talk on Bog Ecology and Conservation, June 6, 2017. *Participation in Retreats, Convocations and Award Ceremony* Attend Nelson Institute Retreat, Lathrop Hall, Apr. 8, 2005.
- Participate in the Nelson Institute Retreat, Lake Geneva, Wisconsin, September 16-18, 2005.
- Participate in the Convocation of the National Religious Partnership for the Environment, Washington, D. C., May 3, 2005.
- Attend the National Wildlife Annual Award Ceremony Banquet (450 people attending) to receive the NWF Special Achievement "Connie" Award, Washington, D. C., March 31, 2005.

Endangered Species Act Work

Lecture to 35 Evangelical Scientists (Endangered Species and Environmental Stewardship), Au Sable Pacific Rim Institute, Coupeville, Washington, Oct. 7, 2005.

Addresses at Environmental Educators' Conventions

Ontario Christian School Teachers Association - Keynote and workshop, Nov. 3, 2005.

Christian Educators Association - Plenary Convention Speaker, St. Louis, Missouri, Oct. 22, 2009.

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PUBLICATIONS

IN THE LANDSCAPE

My principal publication is the Landscape of the Town of Dunn, viewable at: http://town.dunn.wi.us/. This publication comes from my work as a leader of this town in developing and implementing a land stewardship effort, the early part of which is documented at http://town.dunn.wi.us/Uploads/Community%20Mobilization.pdf. My personal commitment is to publish in life and in the landscape to make visible and functional a land stewardship ethic that sustains the land and its human and biotic communities.

BIOGRAPHY AND BIOGRAPHICAL INTERVIEWS

- DeWitt, C. B. 1998. [Interview] The oneness of biblical and ecological teaching. In Benjamin Webb, ed. *Fugitive Faith: Conversations on Spiritual, Environmental, and Community Renewal*. Maryknoll, N.Y.: Orbis Books, pp. 92-101.
- Stafford, T. 1998. God's Green Acres: How Calvin DeWitt is helping Dunn, Wisconsin, reflect the Glory of God's good creation. *Christianity Today* June 15:32-37.

- DeWitt, C. B. 2006. [Interview]. In: William Ted Johnson, ed. The Spiritual Lives of Great Environmentalists: John Muir, Calvin DeWitt. Los Angeles: eScholarship Repository UCLA Library, University of California, Los Angeles.(http://escholarship.org/uc/item/1835687g?query=DeWitt)
- Journal Editor. 2007. The Eighty Most Cited Articles in Physiological Zoology/Physiological and Biochemical Zoology, 1927 to 2006, *Physiological and Biochemical Zoology* 80(1):3-8.

PRINT PUBLICATIONS

- DeWitt, C. B. 1962, Microclimatic and behavioral factors in the thermoregulation of the lizard, *Dipsosaurus dorsalis*. *American Zoologist* (Abstract) 2:403.
- DeWitt, C. B. 1962. Effects of body size and wind speed on rates of cooling of lizards. *American Zoologist* (Abstract) 2:517-518.
- DeWitt, C. B. 1963. Behavioral thermoregulation in the iguana lizard, *Dipsosaurus dorsalis*. Ph.D. Dissertation, The University of Michigan.
- DeWitt, C. B. 1963. Thermocouple construction and use in temperature measurement. *Metropolitan Detroit Science Review* 30:20-21.
- DeWitt, C. B. 1967. Precision of Thermoregulation and its relation to environmental factors in the desert iguana, *Dipsosaurus dorsalis. Physiological Zoology* 40:49-66.
- DeWitt, C. B. 1967. Behavioral thermoregulation in the desert iguana. Science 158:809.
- DeWitt, C. B. 1968. Verhaltensweigen regeln die Korpetemperatur bei einer Wustenechse. *Umschau in Wissenschaft und Technik* 1968:809.
- DeWitt, C. B. 1970. Ecological stewardship. The Banner. 1970(Nov.6): 4-5.
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 - 1. A Missional Institute (essay and ppt presentation);
 - 2. Au Sable Contributions (essay and ppt presentation);
 - 3. Jordan River Integrative Session (plan, maps, and field trip);
 - 4. Contributions to Christian Thought (essay and ppt presentation);
 - 5. Design for An Institute (essay and ppt presentation);
 - 6. Au Sable in the 21st Century (essay and ppt presentation);
 - 7. Publications in the Landscape (field trip on Au Sable Trails);
 - 8. Doxology (essay and ppt presentation);
 - 9. Anthology of Papers with Theological Content (10 papers).

Joy Zedler and C. B. DeWitt. 2018. Preface and Chapter 1 and 4. In: Joy Zedler. 2018. *Waubesa Wetlands: New Look at an Old* Gem. Town of Dunn, Dane County, Wisconsin. Pre-print eChapters can be downloaded (free) at www.town.dunn.wi.us under Land Use: Historic Documents.