

JAMES H. WASLEY AIA, LEED-AP
 Professor, Department of Architecture
 Director, Institute for Ecological Design
 University of Wisconsin- Milwaukee

Formal Education

Rice University- Master of Architecture. 1992.
 University of Oregon- Bachelor of Architecture/Honors, 1983.

Academic and Professional Positions Held

2014	Full Professor, University of Wisconsin-Milwaukee, Milwaukee, WI
2011- 2014	Chair, Department of Architecture, University of Wisconsin-Milwaukee
1999- 2014	Associate Professor, University of Wisconsin-Milwaukee, Milwaukee, WI
2000	Visiting Associate Professor, University of Oregon, Eugene, OR
1993-1998	Assistant Professor, University of Wisconsin-Milwaukee, Milwaukee, WI
1993	Adjunct Instructor, University of Colorado, Boulder CO
1992	Visiting Critic, Rice University, Houston, TX
1991-92	Green Building Consultant, Houston, TX
1990	Studio Critic, Boston Architectural Center, Boston, MA
1988-90	Architect, Payette Associates, Boston, MA
1985-87	Architectural Designer, Krueger Associates, Cambridge, MA
1984	Architectural Designer, Don M. Hisaka & Associates, Cambridge, MA

Academic and Professional Honors

- Society of College and University Planners 2013 Excellence in Planning for a Campus Component Award for 'UWM as a Zero-Discharge Zone: A Stormwater Masterplan for the University of Wisconsin-Milwaukee."
- American Institute of Architects Committee on the Environment Award for Ecological Literacy in Architectural Education. 2005.
- 1997 Association of Collegiate Schools of Architecture/ American Institute of Architecture Students New Faculty Teaching Award.
- *Honorable Mention, 1997 American Institute of Architects Education Honors Awards-* for the Vital Signs Curriculum Development Project. The Vital Signs Project was submitted by the University of California, Berkeley under the names of the authors and the faculty members who led the prototype case study effort in the spring of 1996.

Memberships

- Past-President, Society of Building Science Educators. www.sbse.org. 2004-2005 term. (2002- 2007 leadership team)
- Past-President, Board of Directors, Wisconsin Green Building Alliance: An Affiliate of the United States Green Building Council, 2001-2006. Founding WGBA member, 1996.
- Co-Chair, Mayor's Green Building Task Force, City of Milwaukee. 2007-2008.
- Steering Committee Member and Co-Chair, Private Sector Committee, Mayor's Green Team, City of Milwaukee. 2004- 2006.
- Member, Formal Education Committee, United States Green Building Council. 2002-04, 2006- 2009.
- Member, Society of College and University Planning. 2013- present
- Life Member, American Solar Energy Society- 2008- present
- Member, American Institute of Architects- 2008- present
- LEED AP (United States Green Building Council, Leadership in Energy and Environmental Design program Accredited Professional) 2007- present.
- Licensed Architect- Commonwealth of Massachusetts, 1989- present

ADMINISTRATIVE AND LEADERSHIP EXPERIENCE

Chair, Department of Architecture

Like all of the UW System, UWM has a unique shared governance system that places much of the decision making power with the faculty, making the role of the chair that of consensus builder. This skill and interest in bringing people together is what distinguishes my research path as well as my approach to serving as departmental chair.

This is a particularly compelling point of transition for the department. We are undergoing a massive generational shift as the faculty who helped to found the School in the 1970's retire and a new generation is hired. The need for leadership concerned with strengthening and rebuilding the shared culture of this place is what compelled me to take on the chair position, even as my research agenda has accelerated dramatically over the last several years.

President, Society of Building Science Educators- 2004-2005 (2002-2007 Leadership Team)

The Society of Building Science Educators is a unique organization of architectural educators dedicated to mentoring faculty teaching various aspects of the environmental dimension of architecture. The SBSE is also the incubator for a long list of national curriculum development projects, and my own contribution to that lineage is the SBSE Carbon Neutral Design (CND) Project.

Through the CND Project as well as other activities, my own time on the SBSE leadership team was dedicated to building bridges between the SBSE and other organizations championing environmental issues in architecture; the American Institute of Architects Committee on the Environment and the United States Green Building Council. While president of the SBSE I served on several iterations of the USGBC Formal Education Committee and worked to have the USGBC embrace academia.

President, Wisconsin Green Building Alliance: An Affiliate of the United States Green Building Council, 2001-2006. Founding WGBA member, 1996

As an additional expression of my interest in institution building around the emerging field of green building, and as a great way to build a network of collaborators in my new place of residence, I spent ten years helping to build the Wisconsin Green Building Alliance (WGBA.) WGBA has the distinction of being one of a hand full of organizations that were founded before the United States Green Building Council and grandfathered into their chapter structure when that structure emerged. This relationship with the USGBC was one of my primary efforts as WGBA president, and in so doing I was one of a group of regional activists who helped to shape and launch the USGBC's chapter structure.

Co-Chair, Mayor's Green Building Task Force, City of Milwaukee. 2007-2008. Steering Committee Co-Chair, Private Sector Committee, 2004- 2006.

This role grew out of my role as the president of the Wisconsin Green Building Alliance, as it was at a WGBA breakfast event that the then mayoral candidate Tom Barrett agreed to the goal of establishing a City Office of Sustainability. The task force produced a comprehensive plan for the City, resulting in the hiring of a Director of Sustainability and eventually the implementation of approximately 80% of our recommendations.

EXTERNALLY FUNDED RESEARCH AND ADVOCACY PROJECTS

My research interests have always been intimately connected with a desire to see positive change effected in practice as well as in theory. I consider all compelling architecture to be a form of advocacy, and consider my own research agenda to be that of an environmental activist. This tendency has accelerated in recent years, as several projects aimed at transforming either the University of Wisconsin System or providing national leadership in environmental curriculum development have become self-sustaining; drawing in a larger and larger circle of collaborators.

Five initiatives are currently ongoing: **1.) the LEED Platinum Academic Building Advocacy Project**, the current iteration of my long-standing interest in promoting the Green Campus Movement at the UW System level, now by providing advocacy services for academic units seeking to build green buildings through sponsored design studios and associated research. **2.) The SBSE Carbon Neutral Design Project**, a national research and curriculum development project on the topic of Carbon Neutral Design. **3.) UWM as**

a **Zero-Discharge Zone**, an aesthetic and ecological fascination with water in the landscape that has resulted in a campus masterplanning study and several significant stormwater demonstration projects on the UWM Campus. **4.) The Inner Harbor Project**, a school-wide project of institutional advocacy for the City, which takes the ecological and economic redevelopment of the roughly 200 acres of industrial brownfields surrounding Milwaukee's Port facilities. And **5.) An Ecological Waterscape for Greenfield Avenue and the School of Freshwater Sciences**, which extends the logic of the Zero-Discharge Zone Plan to the UWM harbor campus at the heart of the Inner Harbor Project. In addition, my early research topic of housing for the chemically sensitive is included here as it relates to current work underway at the ESBL.

An Ecological Waterscapes Plan for Greenfield Avenue and the School of Freshwater Sciences

Principle Investigator (Demonstration Project Funding)- "An Ecological Waterscapes Plan for Greenfield Ave. and the UWM School of Freshwater Sciences." National Fish and Wildlife Foundation Environmental Solutions for Communities Grant Program. \$25,000. December 2012- ongoing

Principle Investigator (Demonstration Project Funding)- "An Ecological Waterscapes Plan for Greenfield Ave. and the UWM School of Freshwater Sciences: Brownfield Runoff Filtration through Stormwater Trees and Associated Landscapes." Fiscal Year 2012 Northeastern Area State and Private Forestry Great Lakes Restoration Initiative (GLRI). \$110,000. October 2012- ongoing.

Principle Investigator (Masterplanning Study)- "An Ecological Waterscapes Plan for Greenfield Avenue and the UWM School of Freshwater Sciences." Demonstration project design for an eleven-acre UWM property and adjacent City street in Milwaukee's Inner Harbor, funded by the Milwaukee Metropolitan Sewerage District. \$25,000. January 2012- ongoing.

The Inner Harbor Project

Principle Investigator (Public Charrette Sponsorship)- "The Inner Harbor Project: The International Water Association Charrette at the Reed Street Yards." City of Milwaukee Department of City Development. \$25,000. June 2012- ongoing.

Co-Principle Investigator with the Milwaukee Department of City Development and the UWM School of Freshwater Sciences- "Milwaukee Estuary Wetland Restoration - Former Grand Trunk Site" \$15,000 sub-contract to provide design services involving architecture students in the ecological restoration and public access and interpretation of the Grand Trunk wetland in Milwaukee's Inner Harbor. Fall 2011- ongoing.

Principle Investigator- "The Milwaukee Inner Harbor Project." Three year project focusing activities throughout the School of Architecture and Urban Planning on the future of Milwaukee's industrial inner harbor area. A \$250,000 grant from the Brico Fund matched by a \$100,000 commitment by the Dean through the Urban Edge Award program of 2011 and 2013. September, 2010- ongoing.

UWM as a Zero-Discharge Zone

Principle Investigator- "The UWM Power Plant Stormwater Cistern." Design, construction and performance monitoring of a pair of sculptural above grade cisterns capturing the runoff from the 16,000 s.f. roof of the UWM Power Plant, as an extension of the Spiral Garden Project. \$195,000 demonstration project budget. \$85,733 provided by an EPA Great Lakes Restoration Initiative grant, \$60,000 by a partnership agreement with the Milwaukee Metropolitan Sewerage District. The remaining funds will be provided through the UWM as a Zero-Discharge Zone demonstration project fund. Construction scheduled for the spring of 2013.

Co-Principle Investigator with UWM Sustainability Coordinator Kate Nelson- "Seedum/Silacone Farm: the Golda Meir green roof with integrated photovoltaics." Funded through a \$1.26M partnership agreement with the Milwaukee Metropolitan Sewerage District (\$1,096,000 capital expenditure and monitoring budget, \$164,000 overhead to the UWM as a Zero-Discharge Zone demonstration project fund) This project also includes a 29kW photovoltaic system (\$176,400 total cost- \$61,400 Focus on Energy grant, \$57,300 WE Energies grant, \$40,400 Wisconsin State Performance Contracting fund, \$20,000 UWM Facilities.) Construction completed Fall 2011. Monitoring ongoing.

Principle Investigator- "The Pavilion Gateway Project Phase I: The Spiral Garden." UWM campus stormwater demonstration project. \$320,000 in funding for stormwater features (\$150,000 in partnership

funds from the Milwaukee Metropolitan Sewerage District, \$170,000 from UWM Office of Architecture and Planning) as part of a \$500,000 overall project: 'Lot 18 Resurfacing and/or Reconstruction Project 08A1V, University of Wisconsin – Milwaukee.' Construction complete summer 2009.

Principle Investigator- "Sandburg Commons Green Roof." \$900,000 project funded by UWM Housing with the help of a \$100,000 grant from the Brico Fund. P.I Wasley worked with Director of Housing Scott Peak, the engineering firm of record Facilities Engineering and others to design the project, raise funds and initiate a monitoring project. Construction complete summer 2008.

Principle Investigator- "UWM as a Zero-Discharge Zone: Round II- FOCUS ON PARKING" \$140,000 grant from the Milwaukee Metropolitan Sewerage District to work with local architectural and engineering firms to produce design documents for three stormwater demonstration projects on the UWM campus. This grant will also support a regional stormwater symposium co-sponsored by the Wisconsin Green Building Alliance. Herbert Dreiseitl, keynote speaker. 2004- 2006.

Principle Investigator- "UWM as a Zero-Discharge Zone: Making Ecological Stormwater Education and Management a Hallmark of the University of Wisconsin-Milwaukee." \$60,000 grant from the Milwaukee Metropolitan Sewerage District to produce a stormwater masterplan for the UWM campus. Coordinating the work of faculty and students from the departments of Civil Engineering, Biology, Architecture and Urban Planning and the Great Lakes Water Institute. 2004- 2006.

The Society of Building Science Educators Carbon Neutral Design (CND) Project

Co-Principle Investigator with M. Utzinger and G. Thomson- "Carbon Neutral Building Design: From Case Studies to Conclusions" UWM Research Growth Initiative Grant. \$111,040 May, 2010- 2011.

Co-Principle Investigator with T. Boake, J. Quale and M.Guzowski- Society of Building Science Educators 'Carbon Neutral Design Project,' a national research and educational materials development project on the design of buildings that use no fossil fuels and emit no greenhouse gasses. May 2008- ongoing. \$175,000 funding for phase I (\$75,000 from the AIA Board Opportunity Fund, \$75,000 from an anonymous foundation, and \$25,000 from the Brico Fund.) Terri Meyer Boake, U. Waterloo, John Quale, UVA, Mary Guzowski, U. Minn. Co-P.I.'s. The CND project has resulted in a series of web based resources on the AIA website aimed at both students and professionals. The project was initiated in May of 2008. We have undertaken two case study efforts- one on design studio pedagogy and the other on the analysis of built work. Sub-contracts include UWM Assoc. Prof. Mike Utzinger- 'analytical protocol for the building analysis project'; Arizona State University Professor Harvey Bryan -'carbon target finder' tool; Cal-Poly Pomona Professor Pablo LaRoche-'analysis of web based carbon calculators.' UWM has hosted an SBSE retreat on the CND Project at the WIT Institute in England in July, 2008, a national summit on Carbon Neutral Design in Milwaukee in October 2008, and a gathering of SBSE educators contributing to the studio case-study effort at the Harvard GSD in November, 2008.

Green Campus/ LEED Platinum Academic Building Advocacy

Funded Design Studio, Research and Advocacy – Spring 2010. "The College of Agriculture and Life Sciences (CALs) Horse Barn as a LEED Platinum/ Living Building." Sponsored Design Studio and faculty research report. \$20,000 in funding from the Dean of the College of Engineering and Life Sciences, UW-Madison. Taught collaboratively as a comprehensive design studio with assistant professor Greg Thomson. This sponsored studio proposed to adaptively reuse the historic CALs Horse Barn as an outreach center and conference facility for the College.

Funded Design Studio, Research and Advocacy - Fall 2009 (Sabbatical Research)- "The Art Academic Building as a LEED Platinum Building." Sponsored Design Studio and faculty research report. \$25,000 in funding from the Dean of the UW Madison College of Education. Taught collaboratively as an elective studio with adjunct instructor Adam Bastjan. This sponsored studio altered the trajectory of my sabbatical, but proved too compelling to pass up- partially due to the program of a new 150,000 s.f. facility for the Art Department, and partially as a means of funding ongoing CND case study research.

Funded Design Studio, Research and Advocacy- Spring 2009 "UW Madison Water Sciences and Engineering Laboratory as a Living Building." \$20,000. Sponsored by the Department of Civil Engineering as part of an effort to see the WSEL project advance to being a listed project. The intention of the project is to have my current (sp.2009) comprehensive design studio work in collaboration with UW Madison Capstone students in civil engineering to produce a study of the issues associated with renovating the WSEL facility. Report in progress.

Funded Design Studio, Research and Advocacy- Fall 2006 “Design studies for the School of Human Ecology Renovation and Addition Project, UW-Madison Campus.” 160,000 s.f. renovation and addition of a historic academic building in the heart of the Madison campus. Our intent is to offer design alternatives to the problem of doubling the size of a historic structure while demonstrating the feasibility of seeking LEED Platinum certification.

Funded Design Studio, Research and Advocacy - 2003- 2004. “Master planning, programming and design studies for the Gaylord Nelson Environmental Programs Facility, UW-Madison Campus.” 125,000 s.f. classroom, lab and office building housing the Gaylord Nelson Institute for Environmental Studies, the Department of Landscape Architecture, the Department of Urban and Regional Planning and others. This project is being conceived of as a LEED Platinum level demonstration project; the first of its kind on the Madison Campus.

Multiple Chemical Sensitivity Research

Principle Investigator- “Japanese Environmental Medical Unit (EMU) Report.” 2003 International Symposium on Indoor Air Quality and Health Hazards, Tokyo, Japan, January 8-11. Tour of KST Hokkaido, January 12-14, 2003. Invited to join conference co-chair Dr. Claudia Miller, University of Texas at San Antonio Health Sciences Center, in documenting research facilities for the study of Multiple Chemical Sensitivities (MCS) in Tokyo as part of the conference activities. Invited to Join Dr. Miller and a team of international experts in indoor air quality on a tour of KST Hokkaido with Professor Jack Spengler, Harvard School of Public Health. KST is a large housing manufacturer on Japan’s northernmost island with a unique company philosophy emphasizing bio-regional sustainability.

Principle Investigator- 1994 UWM Graduate Research Committee Grant [\$8,579.00.]- “Architectural Responses to Multiple Chemical Sensitivity: the State of the Art and its Meaning to the Discipline.” A proposal to document dwellings built by and for people with Multiple Chemical Sensitivities (MCS) in a variety of climates in North America and Canada.

EXTERNALLY FUNDED SYMPOSIA AND DESIGN CHARRETTES ORGANIZED

Professional Design Workshop Team- “IWA Cities of the Future: Reed Street Yards Water Technology Park Conceptual Design Workshop.” Organized by the Milwaukee Water Council and the International Water Association. Institute for Ecological Design sub-contract for proceedings production. Cities of the Future Team: Paul Reiter, Strategic Counsel, International Water Association, Paul Brown, Executive Vice President, CDM Smith, Kala Vairavamoorthy, Director, Patel School of Global Sustainability, Hallvard Ødegaard, Professor Emeritus, Norwegian University of Science and Technology, Steve Moddemeyer, Principal, Collins Woerman Design, Vladimir Novotny, AquaNova LLC, Professor Emeritus Marquette University, Xiaochang Wang, Vice President, Xi’an University of Architecture & Technology. January 14- 16, 2013.

Symposium/Charrette Organizer- “Phyto-Technologies in the Inner Harbor.” Two day symposium and charrette on the potential use of trees for stormwater filtration and brownfield remediation. Steve Rock, EPA National Risk Management Research Laboratory, Keynote. Other speakers: Steve Montle, Center for Community Progress, Flint MI., Chris Rog, Bart Sexton, Sand Creek Consultants, Ginny Plumeau, BHE Environmental, Steve Apfelbaum, Applied Ecological Services, Michael Dybas, Environmental Technology and Consulting. This charrette was a deliverable of the US Forest Service GLRI grant. December 7-8, 2012.

Academic Symposium Organizer - “SBSE Carbon Neutral Design Project Studio Gathering.” Twenty six CND Project studio faculty submitting curriculum materials for discussion. This CND Project event was linked to the USGBC Educator’s Summit at Greenbuild 2008. Hosted by Christoph Reinhart, Harvard Graduate School of Design. November 21, 22, 2008.

Academic/ Professional Symposium Organizer- “SBSE Carbon Neutral Design Project SUMMIT” Symposium facilitated by Don Watson, FAIA. Thirty six participants including technical experts, academics, case study team representatives and representatives of the AIA Board, AIA Education Dept., AIA COTE, AIA Large Firms Round Table, and Private Funding Sources representatives. Milwaukee WI. October 31- November 2, 2008.

Professional Design Charrette Organizer - “UWM Stormwater Demonstration Project Design Charrette.” Participants include staff from the UW System, Wisconsin Department of State Facilities, City of Milwaukee,

Department of Natural Resources, and area professionals. Funded through the “UWM as a Zero-Discharge Zone” partnership with the MMSD. June 8, 2005.

Public Symposium and Design Charrette Organizer with Connie Lindholm, WGBA - “Waterscapes: Planning, Designing and Building with Water in the Urban Environment.”. Herbert Dreiseitl, Atlier Dreiseitl, Uberlingen, Germany, keynote speaker. Other speakers include Tom Putnam, David Evans and Associates, Portland, Ore., Andrea Cooper, Conservation Design Forum, Chicago, Ill., Craig Tuttle, Applied Ecological Services, Brodhead, WI. and Chris Reed, SToSS Landscape Urbanism, Boston, MA. An event of the Wisconsin Green Building Alliance, funded through the “UWM as a Zero-Discharge Zone” partnership with the MMSD. Additional funding provided by the Wisconsin Division of State Facilities, Arnold and O’Sheridan, the Wisconsin Chapter of the American Society of Landscape Architects, and Sigma Environmental. April 28, 2005.

Professional Symposium Organizer- 2004 UW System Green Campus Symposium II. Grainger Hall, Madison, WI. This symposium brought together the leadership of the Division of State Facilities with administrators, faculty and staff from UW System Universities to create a roadmap for campus projects seeking to pursue green building practices, including LEED Certification through the United States Green Building Council. April 14-15, 2004.

Professional Symposium Organizer- 2003 UW System Green Campus Symposium. Held in conjunction with the Wisconsin Green Building Alliance Conference V. Leith Sharp, Harvard Office of Sustainability Director, keynote speaker. April 8-9, 2003.

Professional Symposium Organizer - “Integrated Lighting Laboratories: A Meeting of Minds.” Hosted by the Milwaukee School of Engineering, in collaboration with UWM, UW-Extension, and the Wisconsin Green Building Alliance. Funded by Focus on Energy. October 31- November 1, 2002.

Academic Symposium Organizer - Benchmarking Green Buildings: The Future of Environmental Ratings. Hosted by the School of Architecture and Urban Planning at UWM. Co-sponsored by the Wisconsin Green Building Alliance. Professors Ray Cole, UBC, Harvey Bryan, UCLA, and Michael Garrison, UT, keynote speakers. April 3rd and 4th, 1998.

RESEARCH REPORTS

Wasley, J. (2014) “An Ecological Waterscapes Plan for Greenfield Avenue and the School of Freshwater Sciences: Ten projects to define the public face of the first graduate school in the nation dedicated solely to the study of freshwater.” Compilation of work to date on the MMSD funded masterplan and the further development of its component parts.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-e38268282_1-t_cuPZank6

Wasley, J. (2013) “UWM as a Zero-Discharge Zone: Built Work 2006-2013” Informal report to the Milwaukee Metropolitan Sewerage District and EPA Great Lakes Program Office. September 28, 2013

https://pantherfile.uwm.edu/xythoswfs/webui/xy-e38053865_1-t_cuPZank6

Current J. and J. Wasley. “Chapter 4: The Bay View Wetland: Designing the Visitor Experience.” Milwaukee Department of City Development (2013) the Bay View Wetland Milwaukee Master Plan (DRAFT). Funded concept design for public access to the Bay View Wetland restoration project in Milwaukee’s Inner Harbor. Inner Harbor Project work featured throughout the report. (excerpts shown here)

https://pantherfile.uwm.edu/xythoswfs/webui/xy-e38268297_1-t_cuPZank6

Institute for Ecological Design (2011) James Wasley, P.I., Christine Scott Thomson, Editor. “01 INNER HARBOR Milwaukee.” Documentation of the first year of the Inner Harbor Project, funded by the Brico Fund. Summer, 2011.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57894195_1-t_cuPZank6

Institute for Ecological Design (2011) James Wasley P.I., Larry Witzling, Project Supervisor. “01 Book 2 INNER HARBOR Milwaukee: Spring 2011 Urban Design Studio. funded by the Brico Fund. Summer, 2011.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57878271_1-t_cuPZank6

Wasley, J. (2011) “the CALS Horse Barn as a LEED Platinum/ Living Building: an illustrated design guide.” Report commissioned by the Dean of the College of Engineering and Life Sciences, UW-Madison. 2011.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57894326_1-t_cuPZank6

Wasley, J. (2010) "An Art Academic Building Primer: Program, Precedent, Place and a Strategy for LEED Platinum Certification. Report commissioned by the Office of the Dean of the College of Education, UW-Madison. 2010.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57894981_1-t_cuPZank6

Wasley, J. T. Boake, J. Quale, M. Guzowski co-P.I. Terry Boake website designer (2009) -"Society of Building Science Educators Carbon Neutral Design (CND) Project." This website features contributions from many SBSE members, and provides a range of tools, case studies and teaching strategy case studies for carbon neutral building design.

<http://www.tboake.com/carbon-aia/index.html>

Wasley, J. editor (2009) "CND Project Design Studio Profiles- Round I: 2007-2008." Carbon Neutral Design (CND) Project studio case studies. Here printed as a DRAFT document. These case studies of faculty teaching methods and assignments on the topic of carbon neutral design are also incorporated on the CND website.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57897951_1-t_cuPZank6

Wasley, J. and M. Utzinger. (2009) "CND Case Study: the Aldo Leopold Legacy Center." This in-depth case study illustrates the intention of the CND case study project to present a detailed protocol mapping building performance data onto physical design parameters, all illustrated by detailed system by system diagrams, working drawings and photographs. To date 10 such case studies are underway. Elements of the project are posted on the CND website.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57898391_1-t_cuPZank6

Wasley, J. (2007) "SoHE as a LEED Platinum Building: Faculty and student research in support of achieving LEED Platinum certification for the School of Human Ecology, UW-Madison." Report commissioned by the Dean of the School of Human Ecology, UW-Madison. 2007.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57895119_1-t_cuPZank6

Wasley, J. (2006) "The Pavilion Gateway Demonstration Project." Final Report of an interdisciplinary faculty/student and professional design study, funded by the Milwaukee Metropolitan Sewerage District. May 5, 2006.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57895170_1-t_cuPZank6

Wasley, J. (2006) "UWM as a Zero-Discharge Zone: A stormwater masterplan for the UWM Campus." Final Report of an interdisciplinary faculty/student research project funded by the Milwaukee Metropolitan Sewerage District. May 5, 2006.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57895122_1-t_cuPZank6

Wasley, J. (ed.) (2005) Report Submitted to Mayor's Green Team, City of Milwaukee- "Collected Private Sector Working Group Documents" including "The Green Team Brainstorming Matrix: Towards A Comprehensive Strategy."

De'souza, N. and J. Wasley, (2005) Report Submitted to Mayor's Green Team, City of Milwaukee- "White Paper- Profile of Existing Municipal Offices of Sustainability."

Wasley, J. (2003) "Regional Building Design and Construction Center (RBDCC)- Integrated Lighting Laboratory Symposium FINAL REPORT" Report funded by Wisconsin Focus on Energy.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-61948329_1-t_cuPZank6

Wasley, J. (2003) "The Japanese Environmental Medical Unit (EMU)" Report funded by Dr. Claudia Miller, UT San Antonio Department of Health Sciences.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-57909232_1-t_cuPZank6

Wasley, J. and L. Host-Jablonski (1999) "Madison Area Builders Association 'Green Built Home' Program Guidelines." Sponsored by the Wisconsin Green Building Alliance and Madison Gas and Electric.

Wasley, J. (1994) Report to the UWM Graduate Research Committee "Architectural Responses to Multiple Chemical Sensitivity: the State of the Art and its Meaning to the Discipline."

BOOKS, JOURNAL ARTICLES AND OTHER PUBLICATIONS (Selected)

Wasley, J. "The Inner Harbor Project: Positioning Milwaukee as a 21st C. Water Hub through the Redevelopment of its Industrial Estuary." Ibanez, D., C. Lyster, C. Waldheim, and M. White (eds.) *Third Coast Atlas*. Cambridge, MA; Harvard Graduate School of Design. (Forthcoming). (Included in portfolio)

Wasley, J. (2012) "Rethinking Stormwater: A Model for Synergy City." Invited book chapter in *Synergy City: Reinventing the Postindustrial City*. Paul Hardin Kapp and Paul Armstrong (Editors). Invited contribution. University of Illinois Press, Chicago and Springfield Illinois. pp. 92-103.
https://pantherfile.uwm.edu/xythoswfs/webui/xy-e38268294_1-t_cuPZank6

Wasley, J.E. Kilroy and J. Quale (2011) "Carbon Neutral Affordable Housing: A Guidebook for Providers, Designers, and Students of Affordable Housing. A publication of the SBSE Carbon Neutral Design Project. November 2011.

https://pantherfile.uwm.edu/xythoswfs/webui/xy-51165287_1-t_cuPZank6

Wasley, J. "Safe Houses and Green Architecture: Reflections on the lessons of the Chemically Sensitive" in Guy, S. and S. Moore. *Sustainable Architectures: Cultures and Natures in Europe and North America*. Spon Press. NY, NY. 2005

https://pantherfile.uwm.edu/xythoswfs/webui/xy-e38268295_1-t_cuPZank6

Wasley, J. (March 1999) "Safe Houses and Green Architecture: Reflections on the lessons of the Chemically Sensitive" *Journal of Architectural Education*.

Wasley, J. "Homes for People with Multiple Chemical Sensitivities" UNESCO- EOLSS *Encyclopedia of Life Support Systems*.

www.eolss.com.

Rousseau, D. and J. Wasley. *Healthy By Design: Building and Remodeling Solutions for Creating Healthy Homes*. Vancouver, B.C.: Hartley and Marks Publishers, Inc., 1997. ISBN: 0-88179-135-0

Utzinger, M. and J. Wasley. *Vital Signs: Building Balance Point Package*. Readings and Protocols for teaching issues of building energy performance through case study field work. The Vital Signs project is coordinated and disseminated internationally by the Center for Environmental Design Research at the University of California, Berkeley. 1997.

<http://arch.ced.berkeley.edu/vitalsigns/res/rps.html>

Wasley, J. and M. Utzinger. *Vital Signs: Glazing Performance Package*. Readings and Protocols for teaching issues of glazing performance through case study field work. The Vital Signs project is coordinated and disseminated internationally by the Center for Environmental Design Research at the University of California, Berkeley. 1996.

<http://arch.ced.berkeley.edu/vitalsigns/res/rps.html>

PROFESSIONAL CONSULTING WORK While at UWM

- **Professional Consulting** – "234 East Florida Street adaptive reuse project" Green building/ LEED consultant for a 96,000 s.f. mill building reuse as commercial/ office space in Milwaukee's fifth ward. Pieper Properties developer. 2007- 2009. LEED CS Silver Certified.
- **Professional Consulting** – "Green Building Training" Plunkett Raysich Architects. Professional education lunch lecture series on green building combined with LEED Exam study group facilitation. Fall 2006- Spring 2007.
- **Professional Consulting** - "Welly Environmental Center," a 6,000 s.f. nature center in Beloit, WI. Sustainable design consultant for Workshop Architects, Inc.. The project will be seeking LEED Gold certification. September 2001- ongoing. On hold.
- **Professional Consulting** - "Milwaukee Public Market" Sustainable design consultant with La/Dallman Associates, Architects, on an invited competition for a LEED certifiable green market in downtown Milwaukee. 2001.

- **Professional Consulting** - for N.Y. artist Mary Miss on the Third Ward Riverwalk Project. Background research on the feasibility of various environmental enhancement strategies and on the outlines of an ecological and cultural interpretive program for the Milwaukee River. 1998- 2001.
- **Professional Consulting** - for the Energy Center of Wisconsin on the University Research Park, Inc. Green R&D Building Project. Consulting topics included: Research Park master-planning, site planning, building massing and orientation, and daylighting design. 1997- 1998.