

**Jeffrey Murdock Adams**  
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**Objective:**

To facilitate watershed rehabilitation, green infrastructure, and community resilience through permaculture design, landscape contracting, consulting, and educational program services.

**Recent Work Experience:**

**Executive Director**, Canyonlands Watershed Council, Moab UT, July 2016 – present  
**Program Director**, Canyonlands Watershed Council, February 2016 – July 2016

**Board of Directors**, Resiliency Hub, Moab UT, July 2016 – present

**TerraSophia, LLC – an Ecological Design Consulting, Education, and Landscape Contracting firm**, small business owner and operator, 2006 - present  
Website: [www.terrasophia.com](http://www.terrasophia.com)  
UT Contractors License # 10652054-5501 (Landscaping and Excavation/Grading)

Focus Areas, Projects and Clients include:

**Design Consulting and Field Work**

- **Ecological Design Consultant** on 300+ sites across many sectors, 2006 - present
- **Permaculture Designer** for Living Building Challenge sub-division, Moab, UT, 2019
- **Field Camp Design–Build**, Canyonlands Field Institute, Professor Valley, UT, March 2015 – present
- **Outdoor Education Program Campus Design-Build**, Colorado Outward Bound School, Moab, UT, 2018
- **Green Infrastructure Design-Build**, Moab Arts and Recreation Center, Moab, UT 2018
- **Watershed Restoration Practitioner**, Watershed Artisans and Rangeland Hands Inc., August 2013 - present
- **Wetland Mitigation Practitioner**, Del-Mont Consulting, Spring Wagon Creek, NM 2014
- **Erosion Control and Flood Mitigation**, Owl Peak Farm, NM 2012 - 2015
- **Permaculture Site Manager and Designer**, Sunrise Ridge Gardens, Sebastopol, CA April 2010 – July 2011
- **Ecological Design Consultant**, John Todd Ecological Design. Woods Hole, MA Nov 2006 – April 2007

**Community Engagement, Watershed, and Workforce Development Programs**

- **Watershed Restoration Consultant, Practitioner, and Educator**, Quivira Coalition, Carson National Forest, NM, May 2012 – present
- **Moab Area Watershed Partnership**, Chair, Moab, UT, 2020 – present; participant since March 2015
- **Design Consultant, Educator, and Program Development**, Bee Inspired Garden, Moab, UT Oct 2014 - 2018
- **Water Conservation Program Development**, San Jose Conservation Corps, CA, Nov 2014 –April 2016
- **Water Harvesting Program Manager**, Watershed Management Group, Santa Barbara, CA, Jan 2013–June 2014.
- **Comanche Creek Watershed Working Group**, participant, Carson National Forest, NM, 2013 - present
- **Ecological Design Consultant and Field Educator**, Owl Peak Farm Foundation, NM, November 2011 - 2015
- **Rainwater Harvesting Workforce Development Program Design, Consulting, and Education**, Los Angeles Conservation Corps and Sustainability for All, 2009 - 2013
- **Permaculture Project Leader and Organizer**, Sacred Mountains Foundation, Navajo Nation, AZ, 2008 – 2011

**Education**

- **University Guest Lecturer**, Watershed Management (Univ. of NM, 2013 - 2015) and Permaculture Design (Utah State Univ. 2015)
- **ARCSA Accredited Professional Course Instructor**, American Rainwater Catchment Systems Association, February 2011 – 2014
- **Program Development, Designer, and Instructor - Permaculture and Sustainability**, Plenitud Iniciativas Eco-educativas, Puerto Rico, January 2011 and 2012
- **Permaculture Design Certification Course Instructor**, Westminster Woods, Occidental, CA March 2012
- **Water Efficiency Professional Training Program Instructor**, Green Gardens Group for Generation Water and Los Angeles Conservation Corps, Los Angeles, CA. July 2011 – November 2011
- **Permaculture Teacher Training Course Assistant Facilitator**, Esalen Institute, CA, December 2009

- **Introduction to Ecological Design Instructor**, Solar Living Institute, Hopland, CA 2007 – 2009

#### **Publications**

- **“Mitigating projected impacts of Climate Change and Building Resiliency through Permaculture”** by Brain, Lynch, and Adams in Addressing Climate Change at the Community Level in the United States, edited by Lachapelle and Albrecht, Routledge Press, 2019
- **“Green Stormwater Infrastructure Economics in the Boise Urban Area”** Report for Idaho Rivers United with Evan Hjerpe, Conservation Economics Institute, 2015
- **“10,000 Rain Gardens Project – Final Report”** Report to Marin Municipal Water District by Salmon Protection and Watershed Network (SPAWN), 2010

**Water Sustainability Coordinator**, Salmon Protection and Watershed Network, 10,000 Rain Garden Pilot Program, Marin County, CA January 2010 – February 2011; <http://raingardens.spawnusa.org/>

**Co-Director**, Campus Center for Appropriate Technology, Humboldt State University, Arcata, CA June 2004 – June 2005; with various other roles 2000 – 2008.

#### **Professional Accreditations:**

**Permaculture Design Course (PDC) Certificate**. Cascadia Permaculture Institute. 2002

**Utah On-site Waste Water Systems, Level 2**, USU Water Research Lab, 2019

**Utah Water Conservation Certification**, UT Division of Water Resource and Rural Water Association of Utah, 2018

**Rainwater Harvesting Installer**, American Society of Sanitary Engineers, 2019

**Accredited Professional**, American Rainwater Catchment Systems Association (ARCSA AP). 2009

**EPA WaterSense Partner**, Qualified Water Efficient Landscaper (QWEL). 2010

**Bay-Friendly Qualified Landscape Maintenance Professional**, Bay Friendly Coalition. 2010

**Certified Water Harvesting Practitioner**, Watershed Management Group. 2012

#### **Education and Training:**

**B.S. Interdisciplinary Studies with a self designed concentration in “Indigenous Technology”; minor in Environmental Ethics**. Humboldt State University, Arcata, CA. 2003-2006; 2000-2001. GPA: 3.53

**Undeclared**. University of Massachusetts, Amherst, MA. 1998-2000

**Graduate level coursework in Watershed Management**, University of New Mexico, 2012-2013

**River Morphology & Applications (Rosgen Level 2)**, Dr. David Rosgen, Wildland Hydrology, Asheville, NC 2017

**Basic Wetland Delineation**, Bob Pierce, Wetland Training Institute, Santa Fe, NM 2016

**Applied Fluvial Geomorphology (Rosgen Level 1)**, Dr. David Rosgen, Wildland Hydrology, 2015

**Proper Functioning Condition – Lentic Systems**, Utah Riparian Team, Moab, UT, 2015

**Multiple Indicator Monitoring**, Utah Riparian Team, Moab, UT, 2015

**International Permaculture Convergence 11**, Cuba, 2013

**Green Infrastructure Technical Training**, Watershed Management Group, Tucson, AZ 2013

**Land Restoration and Erosion Control**, Rangeland Hands Inc, Quivira Coalition, Cerrillos, NM 2012

**Water Harvesting Certification Course**, Watershed Management Group, Tucson, AZ 2012

**Holistic Management in Practice**, Resource Management Services/ Kirk Gadzia, Albuquerque, NM 2012

**Rainwater Harvesting Design and Construction Workshop**, ARCSA, Portland, OR 2011

**Greywater Design and Installation Training**, Greywater Action, Oakland, CA 2011

**Soil Food Web and Compost Technology**, Dr. Elaine Ingham, MA Center, Castro Valley, CA 2011

**Sustainable Landscape Professional Technical Train the Trainers Course**, G3, San Francisco, CA 2010

**Texas Rainwater Harvesting Training Camp**, Texas Agrilife Extension Service, Junction, TX, 2010

**Rainwater Harvesting Planning and Installation**, Billy Kniffen and Tim Pope, ARCSA, San Francisco, CA. 2009

**Applied Permaculture: Participatory Process for Creating Sustainable Communities and Allied Business Opportunities**, Robina McCurdy, Institute for Earthcare Education Aotearoa (New Zealand), Nicasio, CA 2008

**Permaculture Teacher's Training Course**, Benjamin Fahrer and Kat Steele, Esalen Institute, Big Sur, CA, 2007

**Keyline Design Course for Broad-acre Landscape Development and Management**, Darren Doherty, CA 2007

**Business Basics Seminar Series**. North Coast Small Business Development Center, Eureka, CA, 2005.

**Design for Sustainable Community Workshops**. Robina McCurdy, Arcata, CA. 2005

**Mycore Restoration Seminar**. Paul Stamets, Fungi Perfecti, Kamilche Point, WA. 2005

**References:** Available upon request