

Pasha has been a sustainable building consultant since 2001 specializing in whole building science and energy simulation. Her simulation expertise spans conducting detailed feasibility studies, performing energy audits, life-cycle cost assessment, HVAC system design, renewable energy systems, and performing compliance energy simulations for LEED® and other energy conservation standards and incentive programs.

As a LEED Accredited Professional Pasha has guided projects through LEED certification and design compliance requirements since 2001 with the initial release of the USGBC LEED-NC rating system. Pasha performs energy simulations for several sustainable design projects from Schematic Design analysis models to LEED compliance models. Pasha engages each project as a blank canvas for energy conservation opportunities while taking a pragmatic approach to finding the optimal solution. Understanding local climate characteristics is key to providing sustainable solutions for local building designs. The interaction of building operations and local climate characteristics create a building science that needs to be considered for efficient building design.

In addition to her simulation and design experience, Pasha enjoys educating clients and helping designers understand the energy benefit or impact of their design choices. She has given presentations to industry organizations and future building professionals. She has guided design teams toward their sustainable goals as an Eco Charrette facilitator for sustainable design projects throughout the US and Canada. In 2009 Pasha developed a simulation training curriculum for new simulators. The training curriculum introduces simulators to using DOE2.2 as the simulation engine and eQuest freeware software as the user interface. Pasha is committed to and passionate for improving the performance of buildings to help move building design toward a more sustainable future.

EXPERIENCE

Southface Eco Office, Atlanta, GA—LEED Platinum
Alberici Headquarters, St. Louis, MO—LEED Platinum
Moss Landing Marine Laboratories, LEED EB Pilot Project, Moss Landing, CA – LEED Gold
Vancouver Island Tech. Park, Victoria, BC – LEED Gold
Lewis & Clark College, Portland, OR – LEED Silver
Spring Creek Fire Hall, Whistler, BC – LEED Silver
US Embassy, LEED Project, United Arab Emirates
Water Center, University of Idaho, Boise, ID
Durham College/UOIT, LEED Project, Oshawa, ON
LEED for Contractors Guide, Vancouver, BC
300 2nd Street System Study, David & Lucile Packard Foundation, Los Altos, CA
Patagonia Campus Master Plan, Ventura, CA
Royal Inland Hospital, LEED Project, Kamloops, BC
Idaho Place, University of Idaho, LEED Project, Boise
Vancouver International Airport, LEED Project, BC
The Knoll Historic Renovation – Stanford University, Palo Alto, CA

EDUCATION	BSME, University of Nebraska, Lincoln, 1998
REGISTRATIONS	Registered E.I.T. Nebraska LEED® Accredited Professional
PROFESSIONAL EXPERIENCE	2007-present, PK Consulting, 2006, Rumsey Engineers, Oakland, CA 2001-2006, Associate, Keen Engineering, Vancouver, BC/San Francisco, CA 1998-2001, The Trane Company, Pueblo, CO
