

Southwest Energy Codes Conference

November 5 – 6, 2014
Denver, CO

Presenters

Chris Baggett, Arizona Public Service (APS) - is an energy efficiency program manager in charge of the APS Multifamily Energy Efficiency Program, Shade Tree Program and Codes & Standards Initiative. Chris is a Certified Energy Manager with 14 years of utility experience working in areas of energy efficiency, renewable energy, building science, power quality, key accounts, public relations and marketing. Chris is currently the president of the Southwest Chapter of the Association of Energy Service Professionals. In addition Chris has served as a board member for the Solar Energy Power Association, as a member of the Cooperative Research Network member Advisory Council for Renewable Energy and Distributed Generation, as a Kiwanis Club President, and Chamber of Commerce board member. Chris is a graduate of the University of West Florida with Bachelors in Management.

Robby Schwarz, EnergyLogic – is Principle and director of Builder Relations with EnergyLogic, Inc. a Colorado based energy services organization primarily serving the residential construction industry. EnergyLogic specializes in energy code compliance, program compliance, quality assurance and risk management and is the largest building consulting firm of its kind in Colorado. Robby has worked in the construction industry since the early 90's and help create EnergyLogic in 2006 through a merger of his company BuiltWright, Inc. with Steve Byers and Wynn Maggie's company EnergySmiths. Today Robby is fortunate to be able to concentrate on applied building science, energy code, and

business development issues for EnergyLogic and the Builders they work with.

Rich Franz-Ünder, Pima County – has over 15 years' experience with green building. He initiated the design and construction of the first LEED building in Arizona. He lead the program for Pima County to start reviewing manual J. He currently oversees the LEED for Homes Program with 1,300 homes registered and 378 of the homes certified, and the Net-Zero Energy Building Standard with two buildings registered. Rich is an architect, LEED AP, LEED Green Rater, and is the Pima County Green Building Program Manager.

David Nichols, International Code Council (ICC) - is a Senior Regional Government Relations Manager and serves as staff liaison for the states of Arizona, Colorado, Nevada, New Mexico, Utah and Wyoming in the role of State and Local Government Relations. Before joining ICC in September 2004, Mr. Nichols was employed by TRW Vehicle Safety Systems as Director of Regulatory Affairs for the Inflatable Restraints Division and served as the company spokesperson and had responsibility for building code, safety and environmental compliance; community, government and media relations; code development and legislative lobbying. Prior to this he completed a twenty-one year career with the Mesa Fire Department serving the last three years as a Division Chief and Fire Marshal. Before joining the fire service, he was a partner in a company specializing in custom home construction.

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Maria Ellingson, Building Codes Assistance Project (BCAP) – specializes in energy and environmental initiatives, communications and outreach campaigns, and local-level leadership in energy efficiency policies and practices. Her primary areas of focus are in developing and communicating relevant messaging to policy-makers, lenders, realtors, builders, and the general public about the importance of energy efficiency. From 2005-mid-2014, Maria served in various roles at the Alliance to Save Energy in Washington DC. During her tenure she worked with the Ad Council to initiate a national energy education and awareness campaign featuring an “Energy Hog”. She also worked with Consumers Union to create energy code informational materials targeting home owners, buyers, and decision-makers. Maria is a Program Director at the Building Codes Assistance Project. She received two bachelor degrees in Resource Development and Communications from Michigan State University.

Nathan Huyler, Humphries Poli Architects - has over 15 years of professional experience as an architect and project manager. He has a wealth of expertise in design and construction as well as a passion for sustainable design. Nate has chaired the AIA Denver Committee on the Environment (COTE), written articles, testified before the state legislature and delivered numerous presentations on architecture and sustainability. He has earned LEED certification for multiple buildings and seeks holistic solutions for all projects. Responsible representation of clients, efficient use of resources and successful project delivery for all stakeholders are hallmarks of Nathan’s career.

Nathan is an architect, AIA, LEED AP BD+C, and CDT.

Sharon Bonesteel, Salt River Project (SRP) –has over 30 years of experience in the Construction Industry; including directing operations at her architectural firm, providing expert witness on building code issues, as well as jurisdictional code enforcement. She brings this experience to the utility industry; facilitating the adoption of energy efficient building codes and providing education on codes and energy efficient construction methods to the customers served by the Salt River Project. Ms. Bonesteel is the Senior Policy Analyst – Manager Codes & Standards Initiative, Licensed Architect, AIA, RESNET Rater, ICC Certified Building Official, Commercial Energy Inspector and CP.

Jim Meyers, Southwest Energy Efficiency Project (SWEEP) – works on building energy code advancements. Jim is responsible for conducting analysis, preparing case studies, evaluating new and emerging technologies for buildings and promoting the adoption of state-of-the-art building energy codes. Previous to his current position Jim was a regional manager for an insulation trade association where he worked with regional efficiency alliances, state energy offices, and other organizations to support the adoption of advanced energy codes. Prior to this position Jim was the Technical Director for E-Star Colorado where he directed the Home Energy Rating program and building energy codes advancement in Colorado. Jim is a senior associate, director of the buildings program and is a LEED Green Associate and CGP.

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Paul Karrer, The American Institute of Architects (AIA) - is an advocate for sustainable, resilient, and high performance building policies and programs including codes, standards, and rating systems for AIA. His particular expertise is in U.S. building energy code policy at the national, state, and municipal levels. He has over six years of experience in the environmental and sustainability non-profit world in policy analysis, policy advocacy, policy development, proposal composition, budgeting, and project management. His previous work experience ranges from academia to congressional and state-level party politics. Paul is the Manager of Building Codes Policy at AIA and is a LEED Green Associate.

Lauren Smith, Southwest Energy Efficiency Project (SWEET) - specializes in commercial buildings and providing general program support. She works with local governments, industry stakeholders, building owners, and utilities to increase energy efficiency through energy code adoption and compliance, benchmarking and disclosure, net zero energy, data access, and green building programs. Prior to SWEET, Lauren worked as a green building consultant and LEED reviewer for several high-profile projects at Southface Energy Institute and Epstein Group. She also managed multiple ARRA-funded grants focused on energy code adoption, oversaw comprehensive training programs in the Southeast, and helped implement more efficient codes in the state of Alabama. Lauren holds a master's degree in Climate and Society from Columbia University and a bachelor's degree in Environmental Economics from the University of Georgia. Lauren is a Program Associate in the Buildings Efficiency Program at SWEET.

Jim Edelson, New Buildings Institute (NBI) –has been at the forefront of national commercial energy code development. Jim has served on multiple codes boards and Advisory Committees in Oregon, Wisconsin, for the International Code Council, and ASHRAE. His international work includes assisting in development of the Republic of Fiji's first national energy code. Recently, Jim helped develop NBI's Advanced Buildings New Construction Guide into an energy code for Boulder Colorado that demonstrates 30% better performance than 2012 IECC. In addition, Jim supports work with utilities, and their evaluation methodologies, that advances the implementation of market leading codes such as the Massachusetts Stretch Code. Jim is the Director of Codes and Policy at NBI and has worked at NBI since 2002. He has a B.S. and an M.B.A. from the University of Michigan.

Gil Rossmiller, Town of Parker, Colorado – has been in the construction industry since 1975 and bring a hands-on (private sector) perspective to building code enforcement. He has been the Chief Building Official for Parker, Colorado since 2003 and has been active in building code and 'green' code development. Prior to joining the Town of Parker, Gil was the Systems Improvement manager for production builder Engle Homes where he managed the transition of the homebuilder to whole house design and ENERGY STAR requirements. In 2012 he received the Excellence in Energy Code Compliance award at the ICC Annual Business Meeting in Portland, OR for superior practices that raised the standards for energy efficiency through building codes.

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Kevin Emerson, Utah Clean Energy – is the lead for energy efficiency programs, partnerships, and a variety of policy and regulatory activities. He serves as a consultant to Salt Lake City on the City's Project Skyline, and recently Co-Chaired the Building Efficiency Committee for the State of Utah's Energy Efficiency and Conservation Plan. He is a regular participant in Demand-side Management Advisory Groups for both Rocky Mountain Power and Questar Gas, and serves on the Energy Management Program Advisory Committee for Salt Lake Community College. Kevin has spearheaded efforts to pass landmark legislation including policies to enable innovative financing for commercial energy efficiency and renewable energy projects, legislation to adopt up-to-date energy efficiency building code in buildings. Kevin holds an M.Sc and a LEED Green Associate.

Douglas Miller, Rocky Mountain Institute (RMI) –applies his interdisciplinary, international research and work background to engage commercial real estate stakeholders to capture the full business value of energy efficient buildings, accelerate investments in energy efficiency measures, and drive the adoption of climate change mitigation and adaptation strategies in U.S. communities. Doug is an Associate after gaining a diverse range of experience from across the environmental field. He graduated from Imperial College London with a MSc in Environmental Technology – Environmental Economics & Policy and from the University of Pennsylvania with a BA in Philosophy, Politics, Economics (PPE) and Environmental Studies.

Ann Livingston, Southwest Energy Efficiency Project (SWEEP) – Ann has extensive experience in policy, planning, and program

work in energy, green building, and sustainability. For over 14 years she has worked on a wide range of related issues, including energy efficiency, renewable energy, green buildings, community development, land use, zero waste, finance, water, economic development, and healthy communities. She has also served as Boulder County's first Sustainability Coordinator where she led numerous collaborative efforts with the public sector, utilities, non-profits, and the private sector. She led efforts to develop and implement the ClimateSmart Loan Program, which led to over \$11 million in investments in energy improvements. Ann holds both a Juris Doctorate and an Interdisciplinary Graduate Certificate in Environment, Policy and Society from the University of Colorado. She is the Program Manager for State and Local Engagement at SWEEP.

Kate Gregory, U.S. Environmental Protection Agency (EPA), Region 8 – focuses on energy efficiency in the built environment. She is currently the ENERGY STAR Program Manager for the region 8. Kate has also served as EPA Region 8's Environmental Management System (EMS) Coordinator, focusing on mitigating the Region 8 headquarters' operational impacts on the natural environment. As part of her work as EMS Coordinator, Kate successfully navigated ISO 14001 EMS requirements, launched a composting program, and tried to sell flushing "up for #1 and down for #2" to her colleagues. Kate holds a Masters in Global Finance, Trade and Economic Integration from the University of Denver's Josef Korbel School of International Studies and a LEED AP O+M accreditation.

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Shaunna Mozingo, Colorado Code Consulting, LLC - is a past president of the Colorado Chapter of ICC and is a Building Plans Analyst and code consultant for Colorado Code Consulting in Denver, Colorado managing many of the contracts associated with energy efficiency for the firm. She joined Colorado Code Consulting in 2010. Prior to joining Colorado Code Consulting, Shaunna was a Plans Analyst for the City of Westminster, Colorado. While in Westminster Ms. Mozingo created an energy code support program for the city and enlisted other jurisdictions involvement by providing free weekly and monthly training on the energy code. She began teaching the IECC for the International Code Council and then continued teaching the codes for various organizations once she joined Colorado Code Consulting. Shaunna also serves as Building Inspector for the U.S. DOE's Solar Decathlon competitions and served as inspector for the China Solar Decathlon in 2013. She was recently awarded the 2014 ICC/IMT Standard Bearer's Award for her work with the energy codes.

Sean Beilman P.E., BCER Engineering - has over twelve years of experience in the design of HVAC and plumbing systems for governmental and educational facilities, office buildings, resorts, healthcare, and data centers. Mr. Beilman's area of expertise is high performance buildings, energy efficiency, and sustainable building design and assists the BCER team with implementation of advanced energy savings measures and responsible design practices. Mr. Beilman served as the Rocky Mountain ASHRAE Sustainable Engineering Committee Chairman from 2009 to 2010 and is one of the co-founders of the Rocky Mountain Energy Simulation Engineers group. Currently he is a

Voting Member of the ASHRAE Standard 90.1 Project Committee, member of ASHRAE Advanced Energy Standards working group, and served as Technical Editor of ASHRAE Standard 90.1, 2013 User's Manual. He is the Sustainable Services Manager at BCER Engineering, a full service Mechanical, Electrical, Plumbing, Energy, Life Safety, and Technology consulting firm.

Brent Ursebach, Salt Lake County - retired from HVAC contracting in 2005 after 33 years working in the field, now working as a code official for the past 9 years. He currently serves on the Utah Chapter ICC Code Development Committee, ICC PMG-CAC, ACCA QI Advisory Committee, President RMGA (Rocky Mountain Gas Association) and Chairman Utah UBCC Mechanical Advisory Committee. He holds the LEED AP BD+C professional credential. Current assignments include working on the *Building Talk* program sponsored by the Utah Office of Energy Development and DOE, providing energy code training across Utah. He is actively involved in the legislative process working on issues such as education/licensure of HVAC technicians and adoption of current energy conservation codes. Brent regularly instructs classes on energy, mechanical and fuel gas code, as well as HVAC design principles. He is the Salt Lake County Energy/Mechanical Code Official.

Nigel Makela, Britt/Makela Group (BMG) – has provided support for the CEP baseline assessment including data analyses and onsite inspection. In addition to his field work, he has re-developed BMG's training materials, and is responsible for the inclusion of building science knowledge in BMG's code education and designing curriculum to ensure the audience

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understands the relevance of code requirements. Makela co-authored the 2009 Simple builders guide ensuring that the code language was understandable to laymen. Makela has also conducted research in code enforcement and policy concerning the

countries of Fiji, Australia, and Bahrain. Nigel is an Associate with BMG out of Boise, Idaho.