



**William Amann, P.E., LEED AP, President, M&E ENGINEERS, INC., US Green Buildings Council – NJ Chapter, Chairman-Board of Directors**

Bill Amann is the President of M&E Engineers, and has over 30 years of experience in energy systems. He has worked as a mechanical contractor, in manufacturing, and as a pharmaceutical plant engineer. He is a licensed Professional Engineer and a LEED Accredited Professional. He is an expert in both mechanical and electrical engineering, and has used energy modeling and analysis as a design tool since the early 1980's.

M&E Engineers is a full-service engineering consulting firm. M&E stands for mechanical and electrical, and the focus has always been on high-performance buildings, especially telecommunications, data centers, and pharmaceuticals. The company has participated in a number of LEED Certification projects, as well as Energy Star Buildings. Several current projects are approaching LEED Certification, including several Silver, one Gold, and one Platinum.

#### **EDUCATION**

- Rutgers College of Engineering: B.S., Industrial Engineering 1979
- Rutgers University: B.A., Economics 1979

#### **ASSOCIATIONS**

- Energy Star Partner
- Member -Association of Energy Engineers
- Member ASHRAE
- Chairman, Somerset County Energy Council
- Chairman, US Green Building Council-NJ Chapter



**Mark Purcell, AIA, CCM, LEED AP, Project Executive, NASON CONSTRUCTION, INC., US Green Buildings Council – DV Chapter, President**

Mark Purcell, AIA, CCM, LEED AP has more than 17 years experience in the design and construction industry with a unique blend of experience, having worked for design firms, a real estate developer, government agencies and a construction company. He is a board-certified architect registered in several states and is a certified construction manager recognized by the Construction Management Association of America.

Mr. Purcell currently works for Nason Construction, a full service construction management, designbuild, and general contracting firm headquartered in Wilmington, DE with regional offices in Philadelphia, PA and Salisbury, MD. He specializes in multi-million dollar construction projects for institutional, government, justice and higher-education clients with a focus on integrating sustainable design concepts into building programs. He has worked on several LEED Certified projects and is a LEED Accredited Professional.

An experienced speaker, Mr. Purcell has given presentations to multiple organizations including the National Association of State Facility Administrators, the US Green Building Council, the Greater Philadelphia Chamber of Commerce, the Associated Builders and Contractors Association and the Environmental Law Forum of the Pennsylvania Bar Association. He

has also been featured in news articles with Building Operating Management magazine and the Philadelphia Business Journal.

Mr. Purcell is President and co-founder of the Delaware Valley Green Building Council ([www.dvgbc.org](http://www.dvgbc.org)), a non-profit with over 1,000 members that acts as a local chapter for the national U.S. Green Building Council. He is a member of the American Institute of Architects, the Society of College and University Planners, the National Peace Corps Association and serves as Chair of the Westtown Township Planning Commission in Chester County where he lives with his wife Sara and their two children.

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**James P. Rhatican, Partner, CONNELL FOLEY LLP**

Mr. Rhatican represents primarily developers of real estate, both in the acquisition and sale of properties and in the permitting, financing and development process. He is experienced in acquiring, selling and developing properties of all sorts. Mr. Rhatican has represented parties impacted by adverse environmental conditions at a property, including Superfund sites and the due diligence and ISRA issues associated therewith. He has represented numerous redevelopers of blighted properties and has assisted clients in obtaining tax abatements and public financing for such projects.

Mr. Rhatican also has worked with various other state and local regulatory agencies on a variety of projects, including those impacted by Highlands, wetlands, Meadowlands, CAFRA and waterfront development and other regulations. He also has obtained subdivision, site plan and related permits and approvals for projects of nearly every size and character throughout the State. In this regard, Mr. Rhatican has represented projects ranging from industrial to retail and office uses, as well as housing projects and others. He is also a litigator, specializing in disputes arising from real estate transactions, regulatory takings and eminent domain.

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**Rabi Kieber, Green Building/Sustainability Coordinator, ENVIRONMENTAL PROTECTION AGENCY – REGION 2**

Rabi Kieber is currently the Sustainability Coordinator for the US EPA Region 2. In this capacity, she has developed several far-reaching programs to increase sustainable development throughout the region, including the Green Building Competition for New York City. This national competition, which is jointly sponsored by EPA Region 2 and the New York City Department of Environmental Protection, attracts professionals from around the country to present their innovative New York City green-building-design projects and ideas. Ms. Kieber is also working with the USDA Forest Service, Columbia University, the New York City Department of Health, and Department of Parks and Recreation on an innovative pilot project in East Harlem, designed to transform the landscape by increasing canopy cover, revitalizing community gardens, creating green 'cultural tourism' corridors, and assuring proper repair and maintenance of existing parks. She is working with Pace University to develop a green-roof research strategy, and with several universities in Puerto Rico to promote sustainability and smart growth. During her tenure at EPA, Ms. Kieber has provided numerous grants and technical assistance to communities throughout the region.

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Prior to joining EPA, Ms. Kieber worked on programs to support at-risk communities at Catholic Charities in the Archdiocese of New York. She was a field coordinator for Africare in Niger, West Africa, where she developed and implemented numerous agricultural and forestry projects. She is also a former Peace Corps volunteer. She received her Masters in Public Administration from Columbia University and a Bachelor in Natural Resources Management from the University of Michigan. She is a member of the United States Green Building Council New York Chapter.

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**Jason Kliwinski, AIA, LEED AP, Director of Sustainable Design, AIA-NJ Committee on the Environment Chair &, First Vice President, USGBC-NJ Co-Founder, SPIEZLE ARCHITECTURAL GROUP, INC.**

Jason is a registered architect in New Jersey and LEEDap professional. Jason is currently an Associate and the Director of Sustainable Design with the Spiezle Architectural Group, located in Trenton NJ with offices in Media, PA and Columbia, MA as well. He has incorporated the LEED standards on numerous projects, including the LEED™ Gold certified School of the Future in Philadelphia PA. Jason is currently working on a number of LEED™ projects, including LEED™ EB certification for Spiezle's Trenton office building, a recently completed green house gas assessment and reduction plan for the company, a major renovation and addition for the Makefield Elementary School in PA designed for LEED for Schools Silver certification, a new LEED Gold prototype for a national bank chain, a new 152 bed residence life building for Rider University designed for LEED Silver, and historic renovation and addition for Nassau Inn in Princeton, NJ, also being designed for LEED certification.

Jason has served as Chair of the Committee on the Environment for AIA-NJ for the last two years and is currently AIA-NJ's President-Elect. Jason is also a co-founding member of the USGBC New Jersey chapter and a long standing member of its speaker's bureau.

Mr. Kliwinski is a frequently requested speaker at conferences for the such organizations as AIA, Professional Society of Engineers, World Energy and Engineering Conference, NJHEPS, USGBC, the International Sustainable Building Conference held in Portugal, and regional and national SCUP conferences. Topics he lectures on include cost effective incorporation of the LEED™ guidelines, Green House Gas Initiatives, relevant legislation, incentive programs, and general sustainable design practices and techniques, all of which are drawn from Jason's hands-on experience with built projects and work-in-progress.

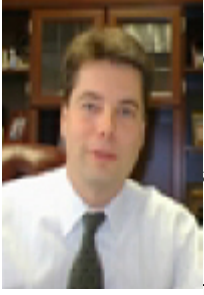
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**Anastasia Harrison, Associate & Director of Business Development, WESKETCH ARCHITECTS, US Green Buildings Council – NJ Chapter**

As an Associate and Director of Business Development, Ms. Harrison's architectural experience is diversified starting her career with the Port Authority of NY/NJ. Her work touched on every major aspect of the firm from marketing and public relations to client sales and the firm's numerous awards. As the first licensed architect in the State of NJ to earn an Indoor Air Quality Environmentalist Certification, she is currently very active in the firm's design development and interior design components. A frequent speaker and lecturer and published several times, Anastasia is passionate about better living through healthy design and architecture.

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**Raymond Johnson, P.E. LEED AP**, Corporate Principal, **CONCORD ENGINEERING GROUP, US Green Buildings Council – NJ Chapter**

Mr. Johnson is a Corporate Principal and co-founder of Concord Engineering Group, Inc. He is a graduate of Stevens Institute of Technology, receiving his Bachelors of Science Degree in Mechanical Engineering in 1981. Mr. Johnson is a registered Professional Engineer and a LEED Accredited Professional (Leadership in Energy and Environmental Design). He is a frequent speaker for the USGBC discussing Energy Efficiency, Indoor Air Quality and Thermal Comfort, Geothermal Heating and Cooling, and Building Commissioning. Mr. Johnson's publications include Green Building Design for Schools, "The Next Time Around, Strategic Planning for Energy and the Environment" Fall 2006 – Volume 26, No. 2. and Radiant Heating and Cooling, "Thermal Mass Systems: An Alternative Approach to Provide Low Cost Energy Efficient Buildings" Ecstock 2006 – Tenth International Conference on Thermal Energy Storage, June 2006. Mr. Johnson is a member of the United States Green Building Council (USGBC), National Society of Professional Engineers (NSPE), the Association of Energy Engineers (AEE) and the American Society of Mechanical Engineers (ASME). Mr. Johnson is actively involved in Sustainable Design, energy engineering and building commissioning.

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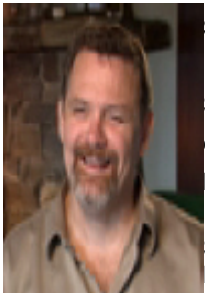


**Drury B. Crawley**, Team Lead, Commercial Buildings-Office of Building Technologies, **US DEPARTMENT OF ENERGY (DOE)**

Mr. Crawley leads DOE's Commercial Building Initiative – working to achieve cost-effective net-zero energy commercial buildings by 2025, including the Commercial Building Energy Alliances and Commercial Building National Accounts. He is also responsible for managing the U.S. Department of Energy's building energy software tools research and development activities including EnergyPlus (winner of an R&D100 Award in 2003), OpenStudio plugin for Google SketchUp, Energy-10, and DOE-2. With 30 years of experience in buildings energy efficiency, renewable energy, and sustainability, he has worked in government research and standards development organizations, as well as building design and energy consulting companies. A registered architect, he recently completed his PhD in Mechanical Engineering on the topic of building simulation as a policy tool, looking at the potential impacts of climate change on the built environment at the University of Strathclyde in Glasgow, Scotland.

He is active in ASHRAE, AIA, IBPSA, and USGBC and serves on the editorial boards of the three international journals. He has published more than 100 papers and articles and made more than 200 presentations on building energy efficiency, sustainability, and renewable energy topics throughout the world.

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**Scott Chrisner**, Founder, **THE CHRISNER GROUP, US Green Buildings Council – NJ Chapter**

Scott Chrisner of Chrisner Group has over 30 years experience in the construction field focusing on HVAC, energy efficiency and building diagnostics. He currently consults for a broad range of clients on green and high performance building strategies, integrated design approach and LEED process management.

Scott founded Chrisner Group in 2002 to be a Green Building Solutions Provider for clients throughout the New Jersey and Metropolitan New York region. His company's client base includes architects, engineers and design professionals, schools and universities, City and Regional Government, private developers, the construction industry and national corporations. Chrisner Group's project list includes the Corona Yards Maintenance Facility for the Metropolitan Transit Authority, Ft. Drum Maintenance Facility for the Army Corps of Engineers, World Trade Center #7, the F-Wing Expansion for Stockton State College, the Student Recreation Center, and the New Academic Building at Montclair State University, the BASF Near Zero Energy Home in Paterson, NJ among others.

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In addition to assisting project teams with green building solutions and LEED documentation management, Chrisner Group consults with companies and manufacturers on sustainable products and services development. Scott has successfully helped companies understand the emerging green products and services field and position themselves in the marketplace. Consulting Clients include Environmental Service Management Group and the American Builders and Contractors Association. Scott is a certified Mold Loss Prevention Professional and faculty member for the Chelsea Group Ltd. In this capacity he provides investigative services for mold and IAQ related building problems, and trains other professionals in Mold Loss Prevention and IAQ protection.

Scott is a LEED accredited professional with the U.S. Green Building Council, and a founding member of the New Jersey Chapter of the USGBC. Scott has been active with USGBC on a regional and national level and a strong advocate for LEED in New Jersey. Scott was instrumental in promoting LEED for New Jersey School Construction. Scott speaks extensively on the topics of green and integrated design, LEED, as well as, process management for LEED projects. He is a past board member of the USGBC-NJ Chapter, a past member of New Jersey Higher Education Partnership for Sustainability Green Team, and a past member of the advisory board for the Renovation and Restoration Conference planning team.

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**Elizabeth D. Sendich, PhD**, Operations Research Analyst, EI-84, **US Department of Energy-ENERGY INFORMATION ADMINISTRATION (EIA)**

Elizabeth Sendich is an Operations Research Analyst with the US DOE Energy Information Administration's Office of Integrated Analysis and Forecasting - Demand & Integration Division. In this role she maintains the National Energy Modeling System Industrial Demand Module, which yields mid- to long-term projections for the consumption of 27 fuels in 21 US industries. Before beginning work with EIA, Elizabeth studied chemical engineering at Michigan State University, finishing her BS in 2004 and her PhD in 2008. Her dissertation discussed the development and results of a model that simulates biorefineries integrated with realistic landscapes as providers of feedstocks and other goods, simultaneously.

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**Robert Freeman, Jr.**, Director, **GREYFIELDS INVESTORS LLC**

Rob is a Director at Greyfields Investors LLC, a New York real estate private equity company and provider of real estate restructuring and turnaround services. Rob works in asset management and applies green building strategies to create real estate investment value. He is also a Co-Founder of Green-Buildings.com, a practical online resource for commercial green building information, education and analysis. Rob earned his MBA from Babson College, a BA from Skidmore College and is a candidate for a Graduate Certificate in Real Estate from the NYU Schack Institute of Real Estate. He is a member of the U.S. Green Building Council New York Chapter, the Emerging Green Builders of New York and the Urban Land Institute.

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**Stephen Martorana**, Manager-Design & Construction-Real Estate Development Division, **NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY (NJEDA), US Green Buildings Council – NJ Chapter**

Stephen Martorana is the Manager of the Design and Construction group with the New Jersey Economic Development Authority's (NJEDA) Real Estate Development Division. The NJEDA is a self-supporting, independent state agency with a real estate division that has developed over 9.5 million square feet of space valued at more than \$1.5 billion. With over 17 years of experience in design and construction, he is directly responsible for managing a variety of their real estate development projects, within diversified industry sectors, including corporate office, manufacturing, biotech and pharmaceutical research and development facilities.

Stephen graduated from the New Jersey Institute of Technology with a Bachelor of Architecture and received his Master of Science in Architecture, with a concentration in Real Estate Development from Cal Poly.

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Prior to joining the NJEDA, Stephen worked at Merck & Co. and Novartis Pharmaceuticals. His work there included domestic and international projects highlighted by the Life Science Building being awarded the 1995 Lab of the Year.

He is a LEED accredited professional that has served on the Board of the USGBC-NJ Chapter. Stephen has served as project administrator and received a LEED-CS Gold certification on the 100,000 s.f. Waterfront Technology Center Core and Shell at Camden. Since this initial certification, the NJEDA has also received four LEED-CI Gold certifications for Commercial Interiors within that building. He now has two other laboratory projects registered with USGBC for LEED certification.

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**Robert M. Roth, Esq.,** President, **GEEN ENVY DEVELOPMENT GROUP**

Robert M. Roth Esq. is a 38 year-old entrepreneur, with a world of experience in the field of real estate and real estate finance. Currently, he is certified to conduct business in the following professional fields in connection with the business of real estate.

Registered Mortgage Broker through Exclusive Capital Consultants since 2007-New York, New Jersey, Connecticut and Florida

Licensed Real Estate Broker through Exclusive Realty Services since 2004-New York; Attorney at Law, admitted to practice law since 1998-New York and Florida.

Mr. Roth is also emerging as a local and regional leader in education and environmentally sound property development projects. Adjunct Professor at CUNY Brooklyn College since 2008-Real Estate Course and newly-launched Green Business Course of studies.

Green Property Developer in New York City since 2006

Green Envy Development Group, Inc. and "The Silhouette" Project

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**Lane Burt,** Energy Policy Analyst, **NATURAL RESOURCES DEFENSE COUNCIL (NRDC)**

Rob is a Director at Greyfields Investors LLC, a New York real estate private equity company and provider of real estate restructuring and turnaround services. Rob works in asset management and applies green building strategies to create real estate investment value. He is also a Co-Founder of Green-Buildings.com, a practical online resource for commercial green building information, education and analysis. Rob earned his MBA from Babson College, a BA from Skidmore College and is a candidate for a Graduate Certificate in Real Estate from the NYU Schack Institute of Real Estate. He is a member of

the U.S. Green Building Council New York Chapter, the Emerging Green Builders of New York and the Urban Land Institute.

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**Mark MaGrann,** Chief Executive Officer/Chairman, **MAGRANN ASSOCIATES**

Since founding MaGrann Associates in 1982, Mark has been responsible for developing the company into a leading provider of residential energy engineering, consulting and program implementation services. He is ultimately responsible for the delivery of excellence in all MaGrann Associates services.

As Principal Consultant to MaGrann Associates' implementation of the New Jersey ENERGY STAR

Homes Program, Mark is responsible for working closely with program managers regarding program technical design and market impact strategies. He acts as a liaison to numerous industry groups, and

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represents the program at local, regional and national industry and promotional forums.

Mark has provided oversight and direction to MaGrann Associates services in support of Societal Benefits Charge (SBC) sponsored energy efficiency programs for all of the New Jersey electric and gas utilities, the participating utilities under the Northeast Energy Efficiency Partnerships (NEEP) umbrella in New England and New Jersey, Southern Company, LA Department of Water & Power, Tucson Electric, and Mississippi Power, among others.

Since 1976, Mark has played a leading role in the home insulation and construction industries in New Jersey, both as Vice President of National Home Insulators Inc. from 1976 to 1982, and as Owner and President of MaGrann Construction (currently producing 3-5 "craftsman" homes each year).

Mark has a B.A. from Rutgers, the State University of New Jersey. He currently sits on the Energy Committee of the National Association of Home Builders (NAHB), the Technical Committee of the Insulation Contractors Association of America (ICAA), and the Board of Directors of the Northeast HERS Alliance.Institute.

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**Ed Seliga, Vice President, ADVANCED SOLAR PRODUCTS**

Ed Seliga has managed engineering projects in the commercial real estate industry for more than fourteen years. He has operated a private practice as an environmental and facility management consultant, with a particular focus on energy system improvements for commercial buildings, for the last several years. Prior to that, he was employed for twelve years as Manager of Environmental Engineering for a prominent commercial real estate company in New Jersey. In that capacity, he managed the modernization of energy systems and provided oversight for all aspects of environmental compliance for a forty-building complex totaling 1.3 million square feet. Mr. Seliga also worked for three years in international management consulting. As Project Manager (and Assistant to the President) of the International Negotiation Institute in Princeton, NJ, he managed projects on four continents which emphasized the importance of relationships for international business success. He received his B.S.E. degree in Civil Engineering from Princeton University in 1975.

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**Dr. Ron Maslo, PE, Project Manager, NJ SMART START BUILDINGS-NJ CLEAN ENERGY PROGRAM**

Dr. Maslo is a Professional Engineer with over forty-seven years diversified experience in project management, product management, systems engineering, marketing and sales management, software development, data warehousing, computer simulation, communications, information technology, and business development.

He was been with Energy and Management Associates (EAM) since October 2001, assigned as a full time consultant to TRC Energy Solutions, Inc., where he currently works as Project Manager of the NJ Smart Start Buildings Program, part of the NJ Clean Energy Program. Prior to joining EAM , he was Director, Energy Applications for the NCR Corporation where he lead the group responsible for planning and requirements definition for application software development, focused on the energy industry, drawing upon information stored in a Data Warehouse. He also directed software application search, evaluation and strategic partnership alliances with third party vendors focusing on the Communications and Energy sectors.

For the first twenty one years of his professional career, Dr. Maslo specialized in Mathematical Modeling and Computer Simulation with Electronic Associates, Inc where advanced from Applications Engineer to Project Manager. He was responsible for the design and development of a number of full scope training simulators that were used by domestic and international power generation companies to train operators for both Nuclear and Fossil Fuel Power Generation Stations. He

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earned a Ph.D in Engineering, a M Engr in Mechanical Engineering, a BS in Civil Engineering and Engineering Mechanics and a BA in Mathematics and Physics. He is a Licensed Professional Engineer (PE) in New York, New Jersey, Pennsylvania and Delaware and has authored 29 publications in professional journals and conference proceedings.

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**Paul Romano, AIA Senior Research Architect, CENTER FOR ARCHITECTURE & BUILDING RESEARCH - NEW JERSEY INSTITUTE OF TECHNOLOGY**

Mr. Romano, a Senior Research Architect at the Center, is currently leading the effort to; define the characteristics of educational facilities for the nearly four hundred plus schools to be constructed over the next decade by the New Jersey Schools Construction Corporation, educate the team members participating in this effort, and provide monitoring and analysis of the results so as to continually improve the performance of both the process and facilities to serve the next generation of students.

Prior to joining the Center, he was a Project Architect with Platt Byard Dovell & White, a NYC architectural firm specializing in educational and adaptive reuse projects. As an Associate of Steven Winter Associates, building system consultants specializing in sustainable design, he developed innovative prototypical housing for some of the nation's largest home builders under the DOE Building America Program and provided technical assistance to numerous governmental and industry clients including the National Renewable Energy Laboratory, the Federal Emergency Management Agency, the Louisiana Pacific and Dupont corporations. In addition to these consulting services he continues to lecture at both academic institutions and professional events, including the City University of New York, Oberlin College, NJIT, and the USGBC and NESEA annual conferences.

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**Sangeeta Ranade, Energy Efficiency Business Development Manager, ENERNOC**

Sangeeta Ranade is an energy efficiency business development manager at EnerNOC, an energy management firm. She is focused on helping building managers and owners reduce their energy spend through Monitoring Based Commissioning, a solution which targets operational efficiencies such as overheating and overcooling, fine tuning HVAC equipment, etc. Sangeeta came to EnerNOC from RSe Consulting, a strategy consulting firm where she was a Director for 5 years. Prior to RSe, Sangeeta worked at Starbucks Coffee Company identifying and implementing energy efficiency programs in 3000+ North American retail stores. She is a LEED AP and holds a Bachelor of Science in environmental engineering from Northwestern University and an MBA in finance from the University of Michigan.

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