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Tuesday, April 20, 2010

The 11th annual ACA Keystone Conference Presents

# ECO-CAMP II

A One Day "Green" Conference to Learn Eco-Friendly, Energy-Efficient Savings Strategies

Tuesday,

April 20, 2010

Make your camp an Eco-Camp!  
Going GREEN makes for healthier camps and campers!

Tuesday,

April 20, 2010

Tell parents that your camp is going GREEN! REGISTER FOR ECO-CAMP TODAY!

Holiday Inn Conference Center Lehigh Valley  
7736 Adrienne Drive, Allentown, PA 18031  
Easy access via the PA Turnpike

Learn how eco-friendly strategies are good for the planet AND good for your budget!

Learn how easy it is to color your organization GREEN!

Learn about green trends from the industry experts

## ACA Keystone Conference: ECO-CAMP II ► Tuesday, April 20, 2010

<b>Time</b>	<b>Program</b>	<b>Room</b>
8:30 - 9:15 am	Registration; Coffee and Refreshments	Ballroom Foyer
<b>9:15 - 10:05 am</b>	<b>KEYNOTE SESSION: Cracking the Green Nut</b> <i>Richard Stryker, PE</i>	<b>Jefferson</b>
	It's easy to get swept up in trends and fads. Remember needing a Mood Ring, Giga Pets or a Rubik's Cube in the worst way? Remember your first bout of "buyer's remorse" as you pondered the haunting question, "OK – Now what?" Professional Engineer (and Keystone Section member) Rick Stryker takes us backward, <u>up</u> the "green" path, to shed some light on the real roots of green-ness at camp and how successful organizations avoid a very, very expensive bout of buyer's remorse.	
<b>10:15 - 11:05 am</b>	<b>MORNING I: Concurrent Sessions</b>	
	<b>Is Your Camp Compliant? Meeting the Law: The Foundation of Being Green</b> <i>EMAP Specialist, Wharton Small Business Development Center, University of Pennsylvania</i>	<b>Jefferson</b>
	The Environmental Management Assistance Program (EMAP) provides small business owners and entrepreneurs with no-cost, strictly confidential, on-site consultations by qualified environmental specialists. EMAP offers help in preparing permit applications, forms and plans; advice and an assessment of your energy efficiency; and guidance on a range of issues. Operating a green business or facility starts with environmental compliance. Before you invest in new technologies, make sure that you are presently meeting the law by complying with current regulations. Learn what steps you need to take to ensure compliance, and how to take advantage of programs and incentives designed to help you get there.	
	<b>Insulation – Improving the Thermal Envelope; David B. Strunk, PE, CPD, CE</b>	<b>Washington</b>
	If you operate year-round or have thought about becoming a year-round facility, learn how to save energy and reduce your heating bill by improving your buildings' thermal envelope. Adding more insulation isn't the only solution: the best solution involves incorporating insulation with the other control layers of the building--the rain, air, and vapor control layers. Installing insulation improperly can create problems. A valuable session for anyone constructing or renovating a building, as well as facility owners and managers, contractors, architects, designers, code officials, HVAC contractors, and energy auditors.	
	<b>Purchasing for Green Cleaning; Bill McGarvey, Director of Training and Sustainability, Philip Rosenau Co.</b>	<b>Rm. 201</b>
	Learn how to develop and implement a green cleaning program at your camp or facility. Focusing on cleaning supplies and equipment, this session will also address other aspects of purchasing "green" to help you save resources and build sustainability into your operations. Cleaning green is more affordable and accessible than you think – get the facts here.	
<b>11:15 am – 12:05 pm</b>	<b>MORNING II: Concurrent Sessions</b>	
	<b>Where's the Money? How to Apply for State and Federal Funds, Rebates and Credits; Taking Advantage of Grants, Loans and Rebates for Long Term Savings</b> <i>Lorna Rosenberg, U.S. Environmental Protection Agency</i>	<b>Jefferson</b>
	How can your camp transform itself into energy, water, resource efficient facility with little to no capital funds? Check out this session for opportunities from the Commonwealth, the federal government, local utilities and other sources that offer grants and tax incentives that can reduce your operating costs over the next 20 years.	
	<b>Geothermal Heat Pumps - Operation and Application; David B. Strunk, PE, CPD, CEM</b>	<b>Washington</b>
	Operating in cooler weather? Chilly nights? Learn how a geothermal heat pump can save energy and money. This session will address how geothermal heat pumps operate and their possible applications for your facility. Examples of sample cost comparisons to conventional systems will be illustrated.	
	<b>Loving the Environment is What We Do Every Summer—How We Can Do It Better</b> <i>Debra Zvanut, MS in Leisure and Environmental Resources Administration</i>	<b>Rm. 201</b>
	Every camp has used the 3 R's: "Reduce, Reuse, and Recycle" and campers know what is environmentally sound in their life at home. We know to "take nothing but pictures" and "pack it in and pack it out." But this is just the start of how we can prepare our campers to love the environment and save it for future generations: we can build upon these philosophies every day at camp. How do we walk the talk in camp, in our kitchens, in our craft shops, and especially in the outdoors? Let's look at what is vital to the camping profession and to our camp's longevity.	

12:05 –12:50 pm

LUNCH

Washington

1:00 – 1:50 pm

AFTERNOON I: Concurrent Sessions

**Stormwater Management Begins with Your Landscape: Best Management Practices (BMPs) for Integrating the Built Environment into Nature;** *Nancy Minich, HTR, RLA, ASLA*

Jefferson

The native landscape is nature's best stormwater system. Stormwater problems such as erosion usually begin when the landscape is disturbed, but restoring the balance can be challenging and expensive. Learn stormwater BMPs to offset camp stormwater problems, examining the regulatory, functional, economic, and aesthetic aspects. We'll discuss case studies of effective stormwater retrofit sites, including how they were funded and the use of stakeholders to implement the projects. Features such as converting lawns to meadows, rain gardens, vegetated swales, riparian buffers, and other landscape systems will be reviewed, and at what point you need to hire a professional to design or engineer it.

**To LEED or not to LEED?;** *Peter Gaito, Jr., AIA, NCARB*

Washington

Wondering how to get LEED-certified? Is it worth it? Get an understanding of the minimal efforts needed to achieve LEED certification. If you can't be certified, you'll learn how to achieve sustainable design efficiency without pursuing actual LEED certification by implementing sustainable elements that can still benefit your project. And if your budget or timeline doesn't allow you to go for LEED all at once, you'll learn how to prioritize the steps that can take you towards LEED certification.

**Think Green, Save Green**

Rm. 201

*Kevin M. Kleinman, Assistant Rabbi, Reform Congregation Keneseth Israel; GreenFaith fellow; formerly Jewish Environmental Educator, Teva Learning Center*

Learn easy environmental projects that camps can implement to save money and increase their environmental efficiency. Can you create a compost area to turn food waste into soil? Install energy efficient appliances? Create ride share boards for staff and parents? Buy recycled office products? Use bunk greening incentives to save water and electricity? Learn this and more.

2:00 - 2:50 pm

AFTERNOON II: Concurrent Sessions

**Not Sexy, but Very Green: Water and Wastewater Systems;** *Richard Stryker, PE*

Jefferson

No other component of camp delivers less direct, quantifiable return on investment than your water and wastewater systems, and yet without them in fine working order, camp closes. These unsung heroes present probably the very best opportunities to conserve resources and money, but are often passed over in search of flashy or trendy showboat items. Learn super reasons with practical ways to make camp greener than ever.

**Brewing BioDiesel: Do it Yourself, Save Money and Energy;** *Andy Rumbold, Bucks County Freedom Fuel* Washington

Learn how to make Biodiesel: a sustainable and 100% replacement for diesel engines and home heating oil with virtually no modification, made from recycled cooking oil. It's biodegradable, has about 50% lower emissions than petroleum, and with a few safety precautions can be made by virtually anyone with a minimal capital investment. Plus, the glycerin byproduct can be made into a fantastic soap and degreaser. Andy will demonstrate the production process in a 1-liter soda bottle using ingredients found in most households; learn how to make enough for your facility needs on-site, and sell the excess for farm and heating use in your community.

**Leave No Trace;** *Ross Bash, Master Educator, Leave No Trace Center for Outdoor Ethics*

Rm. 201

Whether as professionals or volunteers in the outdoor recreation field, we all strive to be accountable for actions that impact our natural world and to be advocates for responsible and sustainable use of the outdoors. *Leave No Trace* gives you the tools to effectively do this with different age groups in a variety of outdoor settings. Through multi-media and hands-on activities, this workshop will introduce you to the 7 LNT principles of outdoor ethics that can be effectively applied in your programs.

More Sessions....AFTERNOON III....▶

3:00 – 3:50 pm

AFTERNOON III

**Green Power for Your Camp – How to Deploy It Now and How to Make It Affordable;** *James Innes* **Jefferson**

Electric rate caps in Pennsylvania are being lifted in December 2010 and utility prices are rising everywhere. Consider generating green power at your camp as a way to defer these necessary costs. Hear about four ways to bring consistently priced energy to meet at least some of your camp needs through a (SPPA) Solar Power Purchase Agreement; (DB-OM) Design Build-Operate Maintain; Utility-Scale Solar Farm Development; or Small Scale Solar or Wind Deployment.

**Understanding How the Marcellus Shale May Impact Your Camp and Your Pocketbook** **Washington**

*Regional Representative, Delaware River Basin Commission and C. Baird Brown, Partner, Ballard Spahr LLP*

Is a new source of revenue buried under your camp grounds? Are energy companies interested in leasing or purchasing your land? The Marcellus Shale is “rocking” the natural gas industry and may have a big impact on or around your facility. Learn about the environmental considerations that should be factored into any decision.

**“A Journey of A Thousand Miles begins with ...”;** *Richard Stryker, PE*

**Rm. 201**

It seems like opportunities to “go green” are swirling all around you and your organization. But where do you start? What’s right for your organization? Professional Engineer Rick Stryker will provide a step-by-step method that you can use to help shape your camp’s green future and get the ball rolling.



## ECO-CAMP II CONFERENCE SPEAKERS

***Ross Bash, Master Educator, Leave No Trace Center for Outdoor Ethics***

Ross Bash is an advocate for protecting the natural world through our responsible care and enjoyment of the earth. As an attorney, educator, trip leader, and volunteer with a number of outdoor recreation groups – including the American Camp Association, Leave No Trace, and the Boy Scouts of America – his work focuses on outdoor topics ranging from environmental education, ethics and advocacy to outdoor risk management.

***C. Baird Brown, Partner, Ballard Spahr LLP***

C. Baird Brown is a partner in the Business and Finance Department and a member of the Energy and Project Finance Group at the law firm of Ballard Spahr LLP, Philadelphia. His practice includes the development and financing of power plants, waste disposal and recycling facilities, toll roads, and other infrastructure projects. He currently focuses on renewable energy, including wind, solar, biomass, tidal, geothermal, and biofuels. Mr. Brown represents state and local sustainability agencies charged with promoting renewable energy, energy efficiency, and green infrastructure. He is also active in climate-change issues, including trading of renewable energy credits and carbon credits.

***Peter Gaito, Jr., AIA, NCARB***

Peter Gaito, Jr. is a graduate of Rensselaer Polytechnic Institute, a licensed architect and Vice President of Peter F. Gaito and Associates Architects (PFGA) in New York. He is a member of the American Institute of Architects (AIA), National Council of Architectural Registration Boards (NCARB), American Planning Association (APA), Westchester Municipal Planning Federation (WMPF) and the Architecture League of NY; and a Committee Member for the annual AIA Westchester/Mid-Hudson Chapter Sustainable Design Symposium; and the Vice President of Architecture for Sustainable Development Corporation, a LEED accredited, sustainability responsible development firm working in the Tri-State area. Peter has also lectured for both municipal and private organizations on various architecture, planning, and sustainable topics, and is a contributing writer for various national architecture magazines. PFGA, started by his father, is a multi-disciplinary office including architecture, interior design, engineering and planning. PFGA was an early proponent of sustainable design, applying many of the principles and practices for energy-conservation and sustainability that are now embraced by the green design movement and the U.S. Green Building Council's LEED rating system. As a LEED accredited firm interested in promoting design excellence through environmental responsibility, Peter, Jr., Peter Sr., and staff continue to implement LEED/green design standards, for quality projects that integrate smart design into environmentally friendly, energy efficient buildings for both public and private clients.

***James Innes, CEO, The Carrier Class Group***

With The CarrierClass Group, Jim embarks on his fourth business venture in developing critical infrastructure. He has played an active role in expanding the Northeast's wireless site portfolios and network facilities since 1985. In addition to his distinguished career in antenna site development and management, Jim has directed numerous deployment projects encompassing wireless site infrastructure and high reliability power systems. In 2008, Jim redirected Carrier Class's primary focus towards green energy deployment after his research into the current green infrastructure deployment marketplace clearly showed that potential commercial, industrial, and institutional clients for green power facilities were being underserved by many legacy services providers. He is the architect of the Carrier Class vision which calls for both broad and deep deployment of green power generation within as many vertical markets and locations as possible. Jim is a founding board member of the Pennsylvania Wireless Association and a member of the Radio Club of America, the American Solar Energy Society, and the American Wind Energy Association. Jim graduated from the University of Pennsylvania in 1980 with a B.A. in English. He resides in Glenside, PA with his wife and their triplet sons. Jim is also a former National category bicycle racer and in 2009 was 9<sup>th</sup> overall in the Mid Atlantic Cross (MAC) cyclocross race series for men 50-59 yrs.

***Rabbi Kevin M. Kleinman, Assistant Rabbi, Reform Congregation Keneseth Israel***

Kevin M. Kleinman is a GreenFaith Fellow, involved in a program for developing religious environmental leadership. He graduated cum laude from Brandeis University in 2002 with a B.A. in Sociology and a minor in Near Eastern Judaic Studies. A former camper, Kevin created and directed URJ Kutz Camp's Teva Outdoor Experience summer program. He has worked as an Environmental Educator at the Teva Learning Center in Falls Village, CT and is an avid outdoor enthusiast who is passionate about working toward building a more sustainable and just world.

***Bill McGarvey, Director of Training and Sustainability, Philip Rosenau Company***

Bill McGarvey has more than 30 years of experience in the cleaning industry and has led training and sustainability initiatives at the Philip Rosenau Company for eight years. Bill is a Cleaning Management Institute certified trainer for the CMI Custodial Technician certification program, and is also certified as an official ISSA Cleaning Industry Management Standard and CIMS Green Building certification expert. The Philip Rosenau Company, established in 1957 and based in Warrington, PA, is a family-owned business that has a commitment to sustainability. As leaders in green cleaning in the TriState area, the company is a member of the U.S. Green Building Council and is a sustaining sponsor of the Delaware Valley Green Building Council. He and his family reside in Lansdale, PA.

***Nancy A. Minich, HTR, RLA, ASLA***

Nancy A. Minich is the principal of NAM Planning & Design, LLC, formed in 2002 to focus on utilizing ecological principles in resource inventory, analysis, design and management. The firm has managed numerous large-scale master plans, watershed, and restoration plans for non-profit and municipal clients in the Philadelphia and New York City areas. Many of her clients' projects have received awards from an array of regional environmental and planning entities and have been featured in numerous national publications and journals. As a Land Use Planner/Property Management Consultant for Girl Scouts of the USA from 1988-94, Nancy traveled to properties throughout the U. S., providing recommendations on property management, master planning and strategic planning. She developed property-related educational seminars for the Board of Directors, property managers and camp rangers, and developed publications on environmental regulations, property management and accessible design. She has spoken to the New England Chapter of ACA on conducting an accessibility audit at camps at the Hole in the Wall Camp. She has also worked for land trusts and private engineering firms as a landscape architect, emphasizing an ecological approach to design and planning. Since 1999 Nancy has been an adjunct professor at Delaware Valley College in Doylestown, PA, where she presently teaches "Ecological Landscape Management and Restoration" and will also co-teach in the newly accredited *Horticultural Therapy Certificate Program*. In the Seattle, WA-based *Sustainable Building Advisory Program*, she teaches the stormwater management and design section at local colleges. Since 2006 Nancy has been an adjunct professor in the Landscape Architecture Program at Philadelphia University. She frequently presents at conferences and to audiences throughout the U. S. on her firm's work and research, and will be a contributing author of a forthcoming (2010) college textbook "*Wetlands – Integrating Multidisciplinary Concepts.*" Nancy is a registered Landscape Architect and Horticultural Therapist who earned a master of landscape architecture degree from the University of Pennsylvania, with a minor in historic preservation. She has a bachelor's degree in education and a teaching certificate in Horticulture/Floriculture from Temple University.

**Lorna Rosenberg, Sustainable Building Advisor, Green Building Program Manager, U.S. Environmental Protection Agency, Region 3, Philadelphia, PA**

Lorna Rosenberg was the first Executive Director of the Delaware Valley Green Building Council and has served on the DVGBC Board of Directors since 2003. As Green Building Program Manager for the US EPA Region 3 (PA, MD, DE, VA, WV, Wash., DC), Lorna works with governments, industry and residences to promote the construction and operation of high performing buildings. One significant role of the federal government is to assist in removing barriers that add additional cost and time to designing, building and operating high performing buildings. EPA Region 3 is partnering with numerous nonprofits and other organizations targeting the green building message to local governments and the residential and existing building sectors; offering the latest information and technical assistance regarding energy efficiency and green purchasing.

**Andy Rumbold, Co-founder, Bucks County Freedom Fuel**

Andrew Rumbold is a co-founder of Bucks County Freedom Fuel. Just about two years ago, Andy and a friend started making biodiesel fuel from scratch for their own personal use. Since then, they have been able to supply excess fuel for farm and heating use in their community. Working out of a single bay garage, Bucks County Freedom Fuel currently produces about 200 gallons of fuel per week from locally-sourced waste cooking oil. Andy is dedicated to educating others about producing and using biodiesel fuels.

**David B. Strunk, P.E., C.P.D., C.E.M.**

David B. Strunk is a partner with Strunk-Albert Engineering in East Stroudsburg, PA. David has a BS in Mechanical Engineering from Penn State University, is a registered professional engineer in PA, NJ, MA, NY, and MD and is a Certified Energy Manager with the Association of Energy Engineers. His knowledge of building science comes from years of research and experience investigating problems with building insulation and energy consumption. He has been involved with the design of HVAC systems for over 1,000 buildings that has included numerous geothermal heat pumps systems. A few recent projects include a 40,000 sq.ft. library in upstate NY, a 7,000 sq.ft. office in northeast PA, feasibility study for a 320,000 sq.ft. school in northeast PA, and a 10,000 sq.ft. residence in upstate NY. Strunk-Albert Engineering has been providing energy efficient design of mechanical and electrical building systems for all types of building for over 20 years.

**Richard Stryker, P.E.**

Rick Stryker is a professional engineer with a special passion for the facilities that support great camp programs. In addition to writing "Building Principles" for *Camping Magazine*, and being a regular presenter at conferences, he provides technical insight, design and construction administration and regulatory intervention services. His knowledge of water supply, sewage treatment and disposal, permitting and construction contracting has saved time and money for outdoor recreational operations nationwide.

**Debra Zvanut, *Loving the Environment: It's What We Do Every Summer—How To Do It Better***

Debra has worked as a recreational professional for the Girls Scouts and the YMCA for 33 years. She is a contributing author to camping publications and has provided trainings in Outdoor and Environmental Education, Outdoor Living Skills, and Camping Administration and Program Development for the Girl Scouts, ACA, and the YMCA. Debbi's hobbies include basket weaving and outdoor pursuits, especially sailing and windsurfing. She loves sharing program activities with children and has developed a progressive basket weaving program for Girl Scouts, the 4-H and Camp Lou Henry Hoover. Presently she is the owner of Recreation and Leisure Services Consulting and Baskets in the Woods.

**ECO-CAMP II is presented by American Camp Association Keystone Regional Section**  
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