

### **[1] Carbon Sequestration and Soil Management**

*Penny Livingston*

Rangelands managed for livestock production represent the largest land-use footprint globally. This workshop will explore solutions on how re-absorb atmospheric CO<sub>2</sub> into the soils by developing good pasture management practices. The problem is the solution... Can we bring our CO<sub>2</sub> levels back down to pre-industrial levels?

### **[2] Composting Plus; Carbon Management in the Home Garden**

*Wendy Krupnick*

One of the best ways of capturing atmospheric CO<sub>2</sub> is by increasing soil organic material, (carbon), and growing plants. Learn how composting, mulching and cover-cropping can capture CO<sub>2</sub> while improving soil fertility. We will discuss composting techniques, as well as designing your garden to capture more carbon and provide food.

### **[3] Cooking with the Power of the Sun**

*James Ehrlich*

Join James as he leads a workshop on Solar Ovens, showing how simple, efficient and delicious cooking with the sun can be! The workshop will also include several solar powered recipes from the best selling Hippy Gourmet cookbook, as well as resources for building or buying the best solar ovens.

### **[4] Practical Backyard Strategies for Satisfying Basic Needs**

*Jeff Adams*

*www.playaviva.com*

Weaving together the work of Chilean economist Manfred Max-Neef on Human Scale Development with permaculture design, this presentation explores practical backyard solutions everyone can engage in to help increase self-reliance, promote healthy communities, and strengthen local economies.

### **[5] Organic Eating on a Dime**

*Lisa Kivirist*

*www.innserendipity.com/ecopren/ecoprenhome*

Join ECOpreneuring author and bed-and-breakfast owner Lisa Kivirist as she shares practical strategies and recipes for enjoying more sustainable, healthy foods while saving money and helping the environment. From eating locally to frequenting farmers' markets, Lisa offers the tips you need to eat healthier and more sustainably on a budget.

### **[6] Community Based Farming-A Path to Creating a Viable Local Food System**

*Stephen Decater*

Community Based Farming: We will learn what it is, the benefits of using a non-market associative economic model for farming, and the potential of Community Based Farming to create viable and stable farms. We will also cover how to organize, educate, and promote around the topic of Community Based Farming.

**[7] Beyond the Defensible Space: Fire & Earthquake Resistant Green Building Techniques and Materials**

*Mat Stein*

*www.whentechfails.com, www.stein-design.com*

Experienced green builder and licensed contractor, Matthew Stein, will cover a number of fire resistant green building techniques and materials. This workshop is geared both towards building professionals and people interested in having a home built (or remodeled) to withstand a fire storm. Will also cover highly earthquake resistant building systems.

**[8] Tour of the Green Buildings of the Solar Living Center**

*David Arkin*

*www.arkintilt.com*

Join SLI board member and architect David Arkin on an informative stroll around the Solar Living Center. Learn about the design evolution of the site, and the passive solar and ecological features of the Real Goods Retail Showroom and other buildings.

**[9] Green Renovations**

*Rebecca Bautista*

*www.friedmanshome.com*

Learn what you can do to create a healthier living space while increasing the value of your home and saving money. Get tips and product ideas from our Xpert Advisors to sustainably remodel communal living areas in your home

**[10] From Green Buildings to Sustainable Communities: Case Studies from Mexico**

*David Miller*

Come hear about how we are building a triple bottom line, LEED platinum certified, environmentally conscious resort on the Pacific coast of Mexico. From using local materials to supporting local economic development as an integral part of our master plan, Playa Viva will be a model of sustainability and regeneration.

**[11] Use Your Roof!**

*Ingrid Severson*

*www.baylocalize.org*

How to select, price and build the most appropriate technologies for your building's roof. A building's rooftop is a valuable piece of real estate that can offer many benefits. The options are many, but the choices shouldn't be overwhelming. This workshop will overview how to work with three practical and high performance systems: rainwater catchment, solar power, and living roofs.

**[12] Using the Sun to Heat Your Water!**

*Daniel Beattie*

*www.envioplumbing.com*

Looking for an innovative way to save both money and the environment? Join professionals from EnviroPlumbing as they explore the benefits of solar hot water, solar

radiant heating, and water conservation. They will discuss how you can incorporate the latest innovations into your home or business.

**[13] How Clean Is Your Home, How Healthy Is Your Medicine Cabinet?**

*Rebecca Lavadia*

[www.bekahsnaturals.com](http://www.bekahsnaturals.com)

Earth Medicine has been serving us for thousands of years but in the last century we have turned to synthetics. We are now living in the "chemical age" and it is killing us. Get reacquainted with how the Earth has supplied us with everything we need. An interactive experience.

**[14] Simplify Your Life**

*Diane Depuydt*

[www.solarliving.org](http://www.solarliving.org)

Our stress-filled lives are out of sync with the emerging culture of sustainability. If you would you like a lifestyle this is outwardly simple and inwardly rich, come and explore steps to move you toward that goal. Diane DePuydt has been practicing and teaching voluntary simplicity for 24 years.

**[15] Primitive Technology and Our Hunter/Gatherer Heritage**

*Tamara Wilder*

[www.paleotechnics.com](http://www.paleotechnics.com)

The techniques utilized by early humans to modify materials in their environment to assist them in survival provided the foundation for the technologies which have since followed. By learning & practicing these ancient skills, we keep in touch with our roots, our independence, and our place in the natural world.

**[16] Reconnect to the Water Cycle with Greywater, Rainwater, and Composting Toilets**

*Laura Allen and Christina Berteau*

[www.greywaterguerrillas.com](http://www.greywaterguerrillas.com)

Interested in cutting your water use in half while growing a beautiful garden? Learn how as we explore rainwater catchment, greywater reuse, and waterless composting toilets. We'll focus on low-tech, simple options for greywater reuse.

**[17] Producing Green, Socially Responsible Television**

*James Ehrlich*

[www.hippygourmet.com](http://www.hippygourmet.com)

James Ehrlich is the Producer and Director of Organic Living TV with the Hippy Gourmet, a national PBS and syndicated television series in its ninth season that reaches over 34 million homes each week. James will lead a workshop on grass-roots media and television production that he likes to call "solar powered TV." This workshop provides insight for those interested in learning how to create their own television shows or documentaries for a greener, healthier planet.

**[18] Natural Healing 101**

*Penelope Sullivan*

In this workshop we will discuss the gifts of nature such as pure air, food and water. We will then focus on specific ailments and discuss lifestyle approaches. Lastly, we will learn to address the root cause of disease ranging from “simple illnesses” to more evolved situations such as cancer, and diabetes.

**[19] Beyond Conservation: Forming a Vision for Humanity's Future**

*Bryan Welch*

*Ogden Publications*

The worldwide population has doubled in the past 35 years and will hit 10 billion in a few decades. If we are to create a prosperous human future we need a new vision for our species and for the planet. We can create a beautiful habitat here—if we get to work.

**[20] Convert Your Motorcycle to Electric**

*Alex Sevilla*

Join the "Tech Geek" of Thunderstruck Motors on a journey through the land of vehicle conversions. Learn what it takes to turn a fuel-burning motorcycle into silent transportation, from frame choice to fabrication (with some technical stuff too).

**[21] Passenger Rail and Our Transportation Future**

*Ann Weller, Phil and Richard Jergenson, Al Bulf, Lionel Gambel*

Passenger Rail is an important part of our multimodal transportation future. Find out why you need to support & vote for SMART in November! A Panel discussion with experienced and knowledgeable rail advocates. 100 years of rail authority speaking. Sponsored by MCRS (Mendocino County Railway Society).

**[22] Emergency Preparedness and Peak Oil Preparation**

*Mat Stein*

*www.whentechfails.com, www.stein-design.com*

From “Peak Oil” to earthquakes and wildfires, every family should have a disaster plan in place and at least a 72-hour “Grab-and-Run” emergency kit on hand. Author, green builder, and engineer, Matthew Stein will demonstrate what you should have on hand to prepare your family to deal with the looming peak in world oil production, as well as other potential crises in our changing world.

**[23] Why A Green Future Is "Unconstitutional" and What To Do About It**

*Jane Anne Morris*

*www.poclad.org*

Though many people think of the US Constitution as something that protects human beings, it has most often and most effectively been used to protect corporations. Jane Anne Morris will explain how to begin understanding and removing these obstacles to any democratic Green project. In her book, Morris explores efforts by corporations and the courts to undermine local democracy by using a "free trade" model.

**[24] Alcohol Can Be a Gas**

*David Blume*

*www.alcoholcanbeagas.com*

Alcohol fuel is 98% pollution free, 105 octane, climate change reversing, liquid form of solar energy replacing gas and diesel. He'll explode the common propaganda like food versus fuel etc. Learn how survive Peak Oil by to making alcohol for 47 cents/gallon, get back 61 cents a gallon from the IRS, and use it in your current car with and without modification. Alcohol fuel is the hottest new small business opportunity of the decade.

#### **[25] Basics of Electricity in Solar Systems**

*Kelly Larson*

*SolarKelly1@yahoo.com*

Instructor "Solar Kelly" Larson will teach the electricity basics you need to know to intelligently shop for and use a solar electric system. Using the analogy of water, we will demystify volts, amps and watts, watt-hours, amp-hours and discuss the nature of AC versus DC.

#### **[26] Introduction to Hydrogen**

*Abe Fouhy*

Come learn about hydrogen! Here we describe in an overview of hydrogen safety, storage, application and production with clean renewable sources. We also describe how AHA and many other organizations visualize what the "Hydrogen Economy" means, and how it can be achieved.

#### **[27] How To Bring Local Clean Energy To Your City!**

*David Room & Kirsten Schwind*

To meet CO2 reduction goals, California cities must dramatically increase renewable energy and energy efficiency. This workshop discusses the most effective policy options for meeting 100% of our energy needs with renewable energy, energy efficiency and conservation, and how community members can plug in to existing Bay Area initiatives.

#### **[28] Design and Build a Small Off-Grid Solar Power System**

*Alex Aragon*

*Aragon Electric*

Learn the basic design principals for using solar photovoltaics with an inverter and battery storage system to provide electrical power for small scale needs. For example, systems used in: small remote cabins, barns, sheds, RVs or portable applications such as some of the festival lighting systems used at SolFest.

#### **[29] Energy Efficiency: The Fastest Payback**

*Doug Livingston*

*Livingston Consulting*

Most Americans aren't ready for solar energy. They are still flushing 20-90% of their power down the drain using inefficient appliances. Learn how to reduce your electrical energy consumption by investing in more efficient appliances. It is good for the environment, and even better for your pocket book.

#### **[30] Introduction to Micro-Inverters**

*Enphase Energy*

*www.enphaseenergy.com*

Unlike a traditional inverter that converts the power from a string of solar modules, a micro-inverter converts the DC output of a single solar module into grid-compliant AC power. Assigning and co-locating a micro-inverter for each module enables maximized energy harvest, improved reliability, and simplified design, installation and management.

**[31] What You Need to Know to Find Your Green Career**

*Carol McClelland*

*www.greencareercentral.com*

Looking for a green career? Discover tactics and strategies you can use to plug into the green economy from Carol McClelland, PhD, founder and managing editor of Green Career Central and author of *Your Dream Career For Dummies*. It is possible to make a difference and prosper.

**[32] How Any Business Can Make Money Being Green**

*Jonathan and Lucinda Mountainsong*

*Mountainsong Enterprises Inc.*

So many people think that being green and sustainable is expensive – it doesn't have to be. Learn the 3 easiest ways to make money while helping the environment. For example, using products made of durable recycled plastic instead of throw-away products has saved companies thousands. Come find out how.

**[33] Creating a Green Collar Jobs Program**

*Michele McGeoy*

*www.solarrichmond.org*

Solar Richmond is currently one of the only green-collar job training programs in the country. The organization serves Richmond residents through solar installation job training and placement. This program provides much-needed workforce training while supporting renewable energy. Come learn more about the logistics of this exciting and timely initiative!

**[34] The Solutionaries: Green Economy Success Stories**

*Kevin Danaher*

Dr. Kevin Danaher will inspire you with green economy success stories that are laying the groundwork for a global values revolution that is putting life values in charge of the money cycle instead of the current system that puts money values in a dominant position over the life cycle.

**[35] People-Centered Business: Anatomy of Relationships with Coffee Farmers  
Thanksgiving Coffee Company**

*Ben Corey-Moran and Sarah Bodnar*

*www.thanksgivingcoffee.com*

Building direct relationships with coffee farming cooperatives is the cornerstone of our business. In sharing our experiences working with family farmers in Nicaragua and East

Africa, we will reflect on our belief that relationships are critical to building a truly sustainable business in today's global economy, and discuss the challenges of this model.

**[36] Solar Jobs: What are they, Where are they, and What You Need to Know to Find One**

*John Carrese & Tom Chatagnier*

*City College of San Francisco & Diablo Valley College*

There is much discussion about "Solar Jobs", but what does this really mean? This presentation will provide the results of a (California) statewide survey of solar employers discussing the types and numbers of positions that employers are trying to fill. It will then provide descriptions of the skills needed to capture one of these positions.

**[37] Crash course: Adobe brick-making**

*Massey Burke*

The art of building with adobe bricks is one of the oldest practices in the world. Adobes--sun-dried bricks made of clay soil, sand, and straw--have about 1% of the environmental impact of concrete block or fired brick construction. In this class we will make traditional adobes, as well as more "updated" variations. Expect to get extremely dirty!

**[38] Building With Bamboo**

*Marisha Farnsworth*

*www.thenaturalbuilders.com*

As wood becomes scarce and energy costs skyrocket, bamboo--a cheap, renewable, and accessible building material--makes sense. It is one of the fastest growing plants on the earth, adaptable, user-friendly, and extremely strong. During this hands-on workshop we will construct a shade sculpture by weaving strips of bamboo.

**[39] Cultivating Color**

*Sasha Duerr*

*www.permacouture.org*

Learn to dye with creative alternative sources of non-toxic natural plant dyes from your very own garden, or even urban sidewalk, with Sasha Duerr, textile designer and founder of Permacouture Institute. Create a surprising array of colors for a garden dyers sample book and artistically dye a plant colored and patterned textile to take home with you.

**[40] Sheep Raising and Spinning in the Navajo Tradition**

*Debbie Bradford*

Learn about the importance of endangered livestock breeds, and the history and importance of Navajo-Churro sheep, including information on the breed and why the Navajo weavers like these sheep. Come see a demonstration on spinning from raw wool, see the finished rugs, and talk with traditional weavers.

**[41] Cooking Green with a Pressure Cooker: The New Fast Food**

*Jill Nussinow*

*www.theveggiequeen.com*

Cooking fast, delicious and nutritious meals in 50% less time than stove top cooking is possible in the modern, quiet pressure cooker. Imagine making flavor-infused, nutritious food in one safe and sturdy pot. Watch The Veggie Queen demonstrate the “green way” to make the “New Fast Food.”

**[42] Urban Permaculture**

*Fred Bove, Kat Steele, and Kevin Bayuk*

*www.urbanpermacultureguild.org*

The San Francisco Urban Permaculture Design course focuses on how sustainable systems are reinterpreted for big city life. Our students work with vacant lots, landlords, community gardens and neighborhood organizations to create abundance in the concrete jungle. Join us to learn more about creating people friendly urban oases!

**[43] Mushrooms and Mycoremediation**

*Mia Maltz*

Come explore the world of fungi and their powerful role in ecological rehabilitation. Participants will be introduced to fungal biology, mushroom cultivation and myco-restoration. Learn how to grow edible and medicinal mushrooms in your backyard and how mushrooms can be utilized to restore damaged soil and ecosystems.

**[44] Permaculture Life Design**

*Trathen Heckman*

*www.daily-acts.org*

Why not a well lived, well loved, well designed life? Amidst tai chi stretches and spoken word poetry we'll discuss practical tools and practices to better understand and live Permaculture ethics and principles. By internalizing principles we can overcome challenges and stay inspired and in action towards living our vision.

**[45] Urban Pastoral: Food Cultivation in the Cities**

*Jason Mark*

*www.alemanyfarm.org*

In cities across the United States, neighbors are coming together to grow more of their own food. Harkening back to the Victory Garden movement of WWII, urban farmers are growing fresh produce for city dwellers. What are city gardening's biggest challenges? Jason Mark of San Francisco's Alemany Farm explains.

**[46] Compressed Paper Counter Tops**

*Dana Porteous*

*www.skysidestudios.com*

This presentation will shed light on new sustainable counter top materials available: Shetka, Eco-Top, Paperstone, and Richlite. Waterproof, scratch resistant, food safe, and fire resistant, they free us from petroleum produced or environmental degrading choices. Highlighting the application, fabrication, durability, and costs, this workshop will aid anyone looking for new options for their green home.

**[47] Sustainable Building Practices that Work**

*Mitchel Slade, Donald Mackessy, Michael Filiau, David Brill, and Charlie Logan*  
*www.eco-construction.com*

Discuss sustainable building techniques with Ecoconstruction, who've been designing, engineering, and constructing sustainable structures since 1996. Topics covered will include: RASTRA, Strawbale, Rammed Earth, Papercrete, Bamboo, FSC conventional framing techniques, passive and active solar systems, sustainable finishes, and how to integrate these techniques with current building codes and permit processes.

**[48] Home Wetlands**

*Babak Tondre and John Russell*  
*www.ecologycenter.org*

Learn about California's first permitted residential constructed wetland/graywater system installed at the EcoHouse in Berkeley. We will discuss the principles and process of safely irrigating with shower, bathroom sink, and laundry wastewater according to the California Plumbing Code and EPA guidelines, as well as the permit application process.

**[49] Legalize It**

*Geoff Syphers*  
*Codding Enterprises, www.codding.com*

How the birth of a truly sustainable community is challenging laws and forging new partnerships around the U.S. From greywater to narrow streets, Sonoma Mountain Village is creating a map for living within a one-planet footprint and re-writing state laws to make it legal.

**[50] Ecological Design With Natural Materials**

*Darrel DeBoer*  
*www.deboerarchitects.com*

How does designing with natural materials differ from conventional building? We'll discuss code issues, earthquakes, strengths and weaknesses of straw, clay, bamboo and local woods. Then, what might buildings look like?

**[51] Greening Mass Media**

*Deborah Lindsay*  
*"Tomorrow Matters" KRXA am540*

Come learn how to communicate green living skills and sustainability principles to the masses using mainstream media. Topics covered will include media partnering, using the internet, trade associations, barriers to entry, financial models and more. Social change happens when sustainable living becomes the norm... be apart of the green media movement.

**[52] Starting a Successful Ecovillage**

*Diana Leafe Christian*

The successful 10% — what works, what doesn't work, and how not to reinvent the wheel. Will cover: sample time-frames and costs, ways to prevent "structural conflict"; steps to develop a community; shared property purchase, property financing, suggested legal entities. Handouts will be provided.

**[53] How To Drought Proof Your Land**

*Penny Livingston*

Water is the most vital life giving element on Earth. Access to clean abundant water is becoming a challenge on a global scale. This workshop will explore various ways to harvest and direct rainwater for potable and non-potable uses. We will learn to direct it to where it will have the greatest benefit. We will also explore how to harvest and filter water from the roof and other non-permeable services.

**[54] Creating the Nurturing Home: Shelter for Mind, Body and Soul**

*Robyn Griggs Lawrence*

How the way we decorate our homes can make all the difference in our overall health: mind and body. It only takes a little effort to bring nurturing and comfort to our daily lives. Integrating modern solutions with wisdom from ancient cultures will show you how to create a beautiful, healthy home.

**[55] Awakening the Dreamer, Changing the Dream**

*Robert and Judith Seton*

*awakeningthedreamer.org*

The Awakening the Dreamer - Changing the Dream Symposium is a profound inquiry into the bold vision of bringing forth an environmentally sustainable, spiritually fulfilling and socially just human presence on this planet. You will gain fresh insights into our world, find hope and inspiration and leave clear how you can help create a new future. If you are ready to explore what this vision means to you, we invite you to attend.

**[56] Peak Oil and Policy**

*Richard Heinberg*

*www.postcarbon.org*

Now that oil prices are biting hard and Peak Oil is more widely understood, what can be done to accelerate the needed shifts in transportation, agriculture, and renewable energy policy? Most political leaders are still simply looking for scapegoats. What policies make sense? What is the role of grass-roots activism?

**[57] Transportation Transformation**

*Andy Peri*

*www.marinbike.org*

As we enter the era of Peak Oil, what options do we have regarding transportation? Andy Peri, of the Marin County Bicycle Coalition, will present a talk highlighting the successes and challenges that lie before us for biking and other forms of transportation as we make a transportation transformation.

**[58] Twice the Satisfaction, Half the Resources**

*Dave Wann*

*coauthor of Affluenza and author of Simple Prosperity*

“We’re overfed but undernourished,” says Dave Wann. “We aren’t meeting essential needs well, from nutrition and shelter through social connection, expression, and meaning.” What we eat, where we live, where we work, and what we buy are all topics of discussion in this workshop about building natural immunity to over-consumption.

**[59] Why You Can't Have a Solar-Hydrogen Hummer: Real Solutions and Strategies for a Post-Carbon Society**

*Daniel Solnit*

*www.ILED.org*

Hybrids, composting, and compact fluorescents are not enough. We can't build a sustainable future by sticking a few solar panels on the current system. A radical redesign of the way we live on Earth, from food and water to urban planning and local economies, is required. How do we separate the real solutions from the band-aids and dead ends? What will it take to shift not just our technology, but our infrastructure, our politics, and our cultural values? How much time do we have, and how can we be most effective?

**[60] RECAREERS – Reinvent Yourself in the Sustainable Economy**

*Adrian Dyer*

*www.solarliving.org*

Renewable energy and sustainable development are the fastest growing sectors of the economy. Are you looking for a career change? Are you seeking avenues to employment in the solar energy industry or other sustainable technology? If so, then this interactive presentation is for you. A discussion of the many available options and resources will include specific guidance based on your questions, skills and goals.

**[61] Economics of Solar**

*Roy Philips*

*www.marinsolar.com*

This hour offers an overview of performance and economic analysis of a solar system. We'll look at the process of analyzing your system needs, including site evaluation, utility usage, and state rebates and tax credits. Find out how solar makes financial sense for you!

**[62] Pump Water with the Wind**

*Kevin Moore*

*www.rockridgewindmills.com*

Rock Ridge Windmills extraordinaire will demonstrate the benefits of water pumping from a traditional, non-electric windmill. Learn how to save energy and access clean water with a water-pumping windmill that will provide beauty and practicality to any site.

**[63] Hydrogen and the Clean Fuel Revolution**

*Tai Robinson*

Tai Robinson of Intergalactic Hydrogen will share some secrets about 7 cleaner, "Alternative" fuels for vehicles. Learn how you can save money using locally sourced fuels that strengthen the economy, increase security and are available all across the country today.

**[64] Electric Vehicles**

*Steve Heckeroth*

*www.renewables.com*

Electric vehicles (EVs) are economical, silent, efficient, and produce zero-emissions. They can be charged from any source of electricity including renewables like solar, wind, or hydro. Take this workshop to learn how you can help make the transition from a combustion economy to a solar electric economy.

**[65] New Models of Solar Energy Development**

*Peter Asmus*

*Pathfinder Communications*

This discussion will sum up the findings of a project funded by the Marin Community Foundation regarding two new potential models of solar energy development with applications for rural communities: "community solar" and the "Solar Safety Net." The political future of solar is unfolding and it's looking bright!

**[66] Green Jobs in the City, Urban Ecology for the Rest of Us**

*Babak Tondre*

*www.dig.coop*

How can we bridge the gap between social and environmental justice movements? Green jobs bring environmental restoration and local economies to inner city communities while still paying the bills. We will discuss the need for multi-cultural relevance and expression in bringing the environmental movement into the under-represented communities in the city.

**[67] Investing for a Green Economy**

*John Girton and Karen Kleven*

*www.girtoncapital.com*

Learn how to help build the green economy with your investment dollars while taking care of yourself financially. This workshop will give a brief description of the risk, potential return and environmental impact of a variety of green investments-focusing on alternative energy such as solar power.

**[68] Building the Dream Coalition: Cross-sector Alliances for Green Solutions**

*Aaron Lehmer*

*Ella Baker Center*

What does it look like when green business, labor unions, environmentalists, and community-based social justice activists work together on solutions in the green economy? Learn about the multi-sector coalition work of the Ella Baker Center, which coordinates the Oakland Apollo Alliance and also leads on the Steering Committee of the California Apollo Alliance.

**[69] ECoPreneuring: Putting Purpose and the Planet before Profits**

*Lisa Kivirist & John Ivanko*

*www.innserendipity.com/ecopren/ecoprenhome*

ECOpreneuring examines how small, sustainable, and place-based businesses are the foundation of the emerging restoration economy, destined to solve the most pressing problems of our day. Part small business manifesto, part personal finance primer, ECOpreneuring dives into what being green means and why, ecopreneurial businesses are essential.

**[70] NABCEP PV Entry Level Exam Preparation**

*Sean White*

*www.pvstudent.com*

This workshop will help students prepare for the NABCEP Photovoltaic Entry Level Certificate of Knowledge Examination. There will be a practice examination and first hand knowledge of what to expect on the exam. Earning this certificate is a great way to prove to employers that you have the knowledge they desire.

**[71] Hands On/Minds On Solar**

*Erik Frye*

*www.realgoods.com*

Direct solar applications will be demonstrated including: PV for DC, both direct (fans & water pumps) and indirect (battery charging with the most modern charge controller technology for later use such as lights at night) and PV for AC both with a battery and without. Brand new non-grid tied technology will be demonstrated that does not require a battery—charge a laptop directly and safely!

**[72] Intro to Herbal Medicine**

*Joshua Muscat*

Join western herbalist Joshua Muscat to learn about the importance of locally produced herbal medicine. This workshop will offer the participants an understanding of the fundamental concepts behind the use of plants as medicine as well as a hands on medicine making demonstration.

**[73] Seed Saving for Beginners**

*Dan Royer-Miller*

*Ecology Action, Willits, CA*

Have you considered strengthening the vitality of you garden by saving your own seed? This session begins with background on theory and procedures of seed saving, followed by practice harvesting and cleaning seed from some common (and uncommon) garden vegetables. Come see how simple and satisfying seed saving can be!

**[74] Eco-struction hands-on**

*Mitchel Slade, Donald Mackessy, Michael Filiau, David Brill, and Charlie Logan*

*www.eco-struction.com*

Experience sustainable building techniques with Ecostruction in this hands-on lab companion to their lecture. Learn to work with: RASTRA, Strawbale, Rammed Earth, Papercrete, Bamboo, and more!

**[75] Making Sustainable Food Choices**

### *Whole Foods*

We will define and discuss current terms like local, organic, pesticide free, carbon neutral, fair trade, artisan and localvore. This workshop will provide information and practical tips for reducing your carbon and food footprint. Learn how to get the most from your food dollars while supporting your global community and preserving our environment.

### **[76] Solar Power Basics**

*Chuck Hornbrook*

Join PG&E solar experts and discover what you can do to save energy, save money, and help save the environment by taking advantage of California Solar Initiative incentives and integrating solar on your home or business. PG&E has connected over 23,000 solar generating customers and would like you to be the next Californian to make a difference.

### **[77] How Mushrooms Can Help Save the World: Solutions from the Underground**

*Paul Stamets*

[www.fungi.com](http://www.fungi.com)

Stamets unveils new methods for growing mushrooms, generating mycelium, and implanting mushroom colonies into the environment. It is the dawn of a new era: the use of mycelial membranes for ecological health. Linking mushroom cultivation, permaculture, ecoforestry, bioremediation and soil enhancement, Stamets makes the case that mushroom farms can be reinvented as healing arts centers, steering ecological evolution for the benefit of humans living in harmony with it's inhabitants. The digestive power of mycelium can help us clean up toxic waste and repair the planet.

### **[78] Home Energy Diet for a Healthy Planet**

*Ian Pocock*

This workshop provides a basic education for homeowners, renters, and property owners in energy-efficiency practices. Beginning with the broader picture of the energy crisis in America and beyond, attendees will learn about climate change problems and solutions, energy use in the home, and best practices for saving energy and resources. This workshop offers practical solutions to real world problems, quantifiable utility-bill savings, and the foundation for a greener lifestyle – making a Healthy Planet just a diet away.

### **[79] The Future of the Raw Spirit Movement**

*Happy Oasis*

[www.happyoasis.com](http://www.happyoasis.com)

Explore the emerging "Raw Spirit Movement" which is based on raw-eco-peace lifestyles from ancient times to now, and glance into where we are headed. Unusual health-enhancing practices will be shared from around the world.

### **[80] Rethinking Plastics, Rethinking our Lives**

*Stuart Moody*

[www.greensangha.org](http://www.greensangha.org)

Plastics, seen as cheap and convenient substitutes for traditional packaging and building materials, have overtaken our world. But they are turning out to be anything but convenient. We are literally awash in non-degradable, non-compostable materials – littering our streets and parks, clogging drain systems, cluttering our oceans and beaches, and killing millions of animals a year.

Green Sangha is making presentations to businesses, schools, environmental groups, government officials, and the general public to raise awareness of the issues and to promote safer alternatives. Responses to our presentation have been enthusiastic. Many participants report afterwards the ways that they have reduced their consumption of plastic. We invite you to consider a talk by Green Sangha on *Rethinking Plastics*, including a short film, slides, displays of alternative materials, and problem-solving discussion. Together, we can find creative solutions to a serious pollution challenge.