



Livestock and Poultry Environmental (LPE) Learning Center.

Educational Webcast Series

<http://www.extension.org/animal+manure+management>

## Carbon Cycle Institute Presents: Scientific Overview of Agricultural Carbon Research & the Implications for Climate

**April 11, 2014**

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

In response to the rapid pace of global climate change, the work of the Marin Carbon Project and the Carbon Cycle Institute has focused on measuring the effects of rangeland management practices and their implications for carbon sequestration into permanent soil carbon pools. The potential for rangelands to function as carbon sinks alters the carbon impacts of the materials produced on these working landscapes-- and their subsequent footprint shows us that 'climate beneficial' material culture has the potential to mitigate the damaging effects of current human consumption practices. Through applied research, demonstration, and implementation the team has produced a body of research that will be explained and shared at this month's webinar. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) has been submitted.*



**John Wick** is a Founding Director of the Marin Carbon Project, and co-owner of the Nicasio Native Grass Ranch, with his wife, Peggy Rathmann. His background is in construction project management. As founding director, Mr. Wick's role is to help launch the Marin Carbon Project and to plan, execute, and finalize projects according to deadlines and within budget. This includes acquiring resources and coordinating the efforts of steering committee members, member organizations, volunteers, contractors, and consultants in order to deliver projects according to plan. E-mail: [johnwick@sonic.net](mailto:johnwick@sonic.net)

**Torri Estrada** serves as Acting Director of the Carbon Cycle Institute and an active member of the Marin Carbon Project. Mr. Estrada has worked with non-profit, community-based, and public institutions to advance solutions to systemic social justice, climate, and environmental issues for over twenty years. Previously, Mr. Estrada worked for over a decade in philanthropy, including recently serving as the program director at the Marin Community Foundation, where he managed the Foundation's environmental grantmaking program and climate change initiative. Mr. Estrada has lectured at the university level on environmental justice, natural resource policy, and social equity for over a decade, including as an adjunct professor at the Department Environmental Science, Policy, and Management at UC Berkeley. Mr. Estrada holds an MS in Environmental Sociology and Policy from the University of Michigan, and a joint BS/BA degree in Environmental Science and Policy and Ecological Anthropology from the University of California at Berkeley. Phone: 707-992-5009; E-mail: [marincarbonproject@live.com](mailto:marincarbonproject@live.com)

**Jeff Creque** is a co-founder of the Marin Carbon Project and a Director at the Carbon Cycle Institute, where he provides senior leadership on carbon farming and land management. He brings thirty years of applied experience and theoretical training to the task of informing and facilitating the goals of the Marin Carbon Project. He is an agricultural and rangeland consultant and Natural Resources Conservation Service certified nutrient management planning specialist. Dr. Creque holds a PhD in Rangeland Ecology and is a California State Board of Forestry Certified Professional in Rangeland Management. E-mail: [jacreque@sonic.net](mailto:jacreque@sonic.net)

**Rebecca Burgess, M.ed** is the Executive Director of Fibershed. She has 15 years of experience as an environmental educator and project developer. She is the author of the best-selling book *Harvesting Color*, a bioregional look into the natural dye traditions of North America. She owns and operates the first North American temperate climate indigo project, which currently provides the raw material for our nation's first 90-mile radius denim supply chain. She has built an extensive network of farmers and artisans within our region's fibershed to spearhead prototype development of bioregional textiles. E-mail: [resplondir@comcast.net](mailto:resplondir@comcast.net)



### How Do I Participate?

On the day of the webcast, go to [www.extension.org/58813](http://www.extension.org/58813) to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: [www.extension.org/8924](http://www.extension.org/8924).

### For More Information

- Marin Carbon Project <http://www.marincarbonproject.org/about>
- Fibershed <http://www.fibershed.com>
- Carbon Cycle Institute <http://www.carboncycle.org>

The LPE Learning Center is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation's best science-based resources. See our website at: <http://www.extension.org/animal+manure+management>.