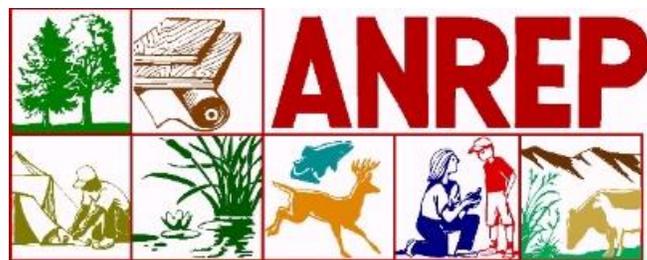


ASSOCIATION OF NATURAL RESOURCES PROFESSIONALS



AWARD RECIPIENTS 2014

The ANREP Awards Program fosters high standards within the membership, recognize significant achievement, and expand the use of high quality, innovative materials and programs by honoring the outstanding members and partners who developed them.

OUTSTANDING EDUCATIONAL MATERIALS AWARDS

LONG PUBLICATION

Gold Award

Rain Garden Design: Site Selection and Sizing Guide

Thomas Franti, Allison Bennett, Kelly Feehan, Steven Rodie, David Shelton, Katie Pekarek,
Anne Moore
University of Nebraska-Lincoln

This interactive, on-line publication instructs homeowners and designers on how to select a site and determine the size and layout for a residential-scale rain garden. The linked electronic format for the document provides a worksheet to compile measurements and simplify calculations associated with roof runoff, site dimensions, soil infiltration rates, etc. In addition embedded videos, an illustrative animation, and interactive graphics that provide rain garden quick facts, design ideas, and instructions for garden sizing, roof measuring, soil testing, and slope measuring are used to supplement traditional text and photos. The guide summarizes rain garden design criteria for Nebraska based on documented garden installations and monitoring across the state as well as in-field evaluations over the past five years that has assessed the functional attributes of numerous existing rain gardens.

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SILVER AWARD

Minnesota Harvester Handbook

David Wilsey and Julie Miedtke
University of Minnesota

The Minnesota Harvester Handbook showcases sustainable harvest and gathering for twenty-five non-timber forest products and outlines the basic tenets of sustainable natural resource harvest and markets. The concept for the handbook was initiated by David Wilsey. David and Julie Miedtke worked as co-authors to develop, research and manage the project. The handbook demonstrates the breadth and diversity of natural resources found in and around Minnesota's woodlands and forests.

The Minnesota Harvester Handbook's organization facilitates ease and diversity of use. For instance, two tables of contents provide different points of entry to product information, a seasonal approach to product harvest and a product cluster approach based on use categories, such as edible mushrooms or holiday décor. Each product fact sheet includes detailed information about harvest strategies, market options, and regulations. To make this long publication useful to a wide range of audiences the Ojibwe, Hmong and Spanish names of each product have been used, when available.

Contact

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BRONZE AWARD

Growing Your Peer Learning Network: Tools and Tips from the Women Owning Woodlands Network

Nicole Strong

Oregon State University

Eli Sagor

University of Minnesota

Amanda Subjin

Delaware Highlands Conservancy

Tamara Walkingstick

University of Arkansas

Allyson Muth

Penn State University

Across the country, more women, a historically underserved demographic, are taking the reins of forest management. In 2011 a group of like-minded educators from around the U.S. came together to create tools to facilitate peer-learning education for women woodland owners. This publication, *Growing Your Peer Learning Network: Tools and Tips from the Women Owning Woodlands Network*, focuses on the nuts and bolts of designing, forming, holding, and maintaining a peer-learning group in order to inform better stewardship of woodlands.

CONTACT

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PROMOTIONAL MATERIALS

GOLD AWARD

Florida Seafood at Your Fingertips Promotional Materials

Holly Abeels, Brooke Saari, Bryan Fluech, Lisa Krinsky, Bill Mahan, Elaine Courtney,
Elizabeth Shephard, Kendra Zamojski, Chuck Adams, Steve Otwell, Dorothy Zimmerman
University of Florida
Cinthia Sandoval
Wild Ocean Seafood Market

The Florida Seafood At Your Fingertips program is taking the science-based information and packaging it into an easy-to-use and understand educational tool for University of Florida IFAS Extension agents to teach consumers. A variety of materials were created in order to appeal to a variety of consumers and various avenues in which they would be reached. A program logo was designed in order to tie all the aspects of the program together and create a unified brand. A statewide display was created and is being used to promote seafood nutrition, consumption and the Florida Seafood At Your Fingertips program at festivals and large events within Extension Offices. A mobile application was also developed for the general consumer to assist in purchasing and handling of seafood and to promote seafood consumption. A bookmark was created to help in promoting the Florida Seafood At Your Fingertips mobile app and the program itself.

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SILVER AWARD

Limited Commercial Landscape Maintenance Pesticide License Promotional Brochure

Jane Morse
University of Florida

Pinellas County is the most densely populated county in Florida with 3,347 people per square mile and over 900,000 people. Many individuals in the landscape business frequently apply Roundup™ in the landscape and don't even realize it is a pesticide, or that a license is required to apply this or other pesticides to someone's property. The tri-fold brochure was designed to get their attention as to who needs a license, what kind of license is needed, and then provide all the necessary information for them to learn about the pesticide license, where they can access study materials, obtain a pesticide license application and register for the training class. The tri-fold brochure is available at the extension office and at many of the municipalities where business licenses are provided. The tri-fold brochure was designed by the agent and a graphic artist. It was printed by the County print shop. We offered five pesticide training classes in 2013 with 70 attendees.

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BRONZE AWARD

Natural Wakulla

Les Harrison
University of Florida

The Natural Wakulla weekly newspaper column has been published for almost two years. It is part of an ongoing natural resources education program targeting regional residents with an interest in the native flora and fauna, and the systems which fosters their existence. The residents of this Tallahassee, Florida, bedroom community and the region receive timely stories about various aspect of the native environment in laymen's terms. Readers are entertained, but also informed about the common and the rare events, animals and plants which inhabit their daily lives. The articles range from 550 to 600 words and are always supported by an original photograph or two. The color images are local, and meant to identify and illustrate wide array of living or functioning subjects which are here, but rarely noticed or explored. Contact information is supplied which has been the starting point for many conversations and further natural resource program participation.

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NEWSLETTERS, SERIES OF ARTICLES

GOLD AWARD

Green Knight Newsletter

Pat Rector and Salvatore Mangiafico
Rutgers University

The Green Knight is an electronic quarterly publication co-edited by Rector and Mangiafico. The newsletter addresses a need by providing information on a statewide level of current environmental topics and available programs by providing in-depth articles and brief synopsis of topics of interest and importance to clientele. Outreach includes information about available educational programs, resources and hands-on activities. Article topics include subjects such as aquatic invasive species, organic land care, hydrofracking, rain gardens, rain barrels, climate change and soil health.

Mangiafico also provides a blog, social media campaign, Twitter feeds and RSS updates; providing readers immediate access to news and upcoming events and keeping the community updated and fully engaged. A 2013 survey found 95% of respondents reported an increase in knowledge; 81% shared information from the Green Knight with others; and 50% said they changed their behavior due to something they read in the Green Knight newsletter.

Contact

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SILVER AWARD

The Sheboygan River Explorer

Debbie Beyer, Bill Klase, Sarah Traaholt, Amy Kretlow
University of Wisconsin

The Sheboygan River Explorer is a seasonal newsletter designed to inform the local community about, and encourage participation in, the remediation and restoration of the Sheboygan River. The Sheboygan River is a Great Lakes Area of Concern targeted as a priority for the federal Great Lakes Restoration Initiative in 2010. The newsletter was launched in 2012 and was instrumental in telling the Sheboygan River restoration story as it unfolded. The newsletter was one component in an extensive education campaign used to instill cooperation and tolerance amongst community members amidst the inconveniences of noise, dust, traffic, lights, etc. while intensive remediation and restoration work was performed, and to encourage continued community participation and engagement in learning and stewardship toward the river.

CONTACT

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BRONZE AWARD

Invasive Species Education: An Extension Team Approach

Brooke Saari, Carrie Stevenson, Scott Jackson, Libbie Johnson

University of Florida

Invasive species are the number one threat to biodiversity in Florida. Getting the public educated on best management practices, prevention and eradication of invasive species is a continuous challenge for Extension educators.

The annual National Invasive Species Awareness Week (March 3-8, 2013) promotes awareness of invasive exotic species across the nation. In Northwest Florida, ten Extension Agents from multiple disciplines provided content on 18 invasive species and management techniques over a weeklong educational campaign. This campaign highlighted individual species through websites and email blasts. This effort captured over 5,000 website hits and information was shared statewide and nationwide via Facebook and Twitter

Contact

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SHORT PUBLICATION

GOLD AWARD

Rain Barrels Part IV: Testing and Applying Harvested Water to Irrigate a Vegetable Garden

Mike Haberland, Steve Yergeau, Michele Bakacs
Rutgers University

Across the country, using harvested water from rain barrels is a popular method for watering backyard, school, and community gardens. Many gardeners use harvested water to irrigate vegetable gardens, yet little information exists about the safety of roof runoff for this purpose. Studies have shown that roof runoff can have high levels of pathogens, zinc, lead, and hydrocarbons. The question is whether the levels are high enough to be of concern for a backyard or community gardener who uses a rain barrel to water a garden grown for consumption. This fact sheet summarizes the findings of one New Jersey study investigating the water quality of rain barrel water (Haberland, Bakacs, & Yergeau, 2013). The fact sheet can be viewed or downloaded at <http://njaes.rutgers.edu/pubs/fs1218/>. In addition, recommendations are made for testing rain barrel water and best practices for safely utilizing rain barrel water to irrigate a vegetable garden

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SILVER AWARD

Wisconsin Great Lakes Areas of Concern Beneficial Use Impairment Restoration Reports

Gail Epping Overholt, Bill Klase, Jeff Strobel
University of Wisconsin

These progress reports are designed to provide funding agencies, partners in the restoration projects and the public with the status and next steps of necessary projects for restoration success in each Area of Concern (AOC). Each report addresses a large number of projects in a concise and easy to follow manner, translating technical details into an understandable format.

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BRONZE AWARD

Living with Nature on the Treasure Coast

Kenneth Gioeli, Mary White, Dave Dyer, Elsa Frances Millard, Irene-Eva Ries, Linda Eastman,
Tracy Bryant
University of Florida

The Florida Master Naturalist - St Lucie Chapter is affiliated with the University of Florida/IFAS St Lucie County Cooperative Extension. Extension Agents and Master Naturalists worked together to develop and produce the publication "Living with Nature on the Treasure Coast." This publication was designed to be used to teach new residents how to live with nature in an area which is most likely to be very different from where they originated

Contact

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TELEVISED CONFERENCE - VIDEO CONFERENCE - WEBINAR - PODCAST - RADIO

GOLD AWARD

Managing Forests for Resilience: Research-based Videos on Climate Change

Martha Monroe and Shelby Krantz
University of Florida

Forest landowners in the Southeast could benefit from being aware of potential impacts of future climate changes on their forests to protect their livelihoods and important ecosystem services. Climate change communication is a difficult task because of the misconceptions surrounding it and the politicization of the issue in the United States. Four videos were created to compare how frames of messages in a video affect landowners' attitudes toward and intention to adopt forest management practices to adapt to potential climate changes. Videos feature interviews with forest landowners and a university researcher and manipulate two variables: forest landowners describing their management strategies and a university researcher discussing why good forest management is important. Videos were sent electronically to landowners with a pre- and post-survey to gather data.

Contact

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SILVER AWARD

Florida-Friendly Landscaping in The Villages, Florida

Lloyd Singleton and Laura Valencia
University of Florida

For the 100,000 residents in The Villages, an expansive Disney-esque retirement community in central Florida, the installed landscapes are a premier attraction. Huge annual budgets are for contracted landscape maintenance services, and the education of Florida-Friendly Landscape principles are critical to protecting the region's natural resources. Proper pruning is an important component for healthy landscapes; The Villages development district funded production of a series of videos demonstrating the desired practices for 3 major maintenance functions. Lloyd Singleton, UF/IFAS Sumter County Extension Agent worked closely with Erik Knudsen, The Villages Landscape Manager in developing the scripts and narration for the three videos. A second set was developed and produced in Spanish. The videos are subsequently shown in a classroom setting with discussion, questions & answers, and a post test assessment.

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BRONZE AWARD

Penn State Extension Groundwater Protection Strategies Webinar

Bryan Swistock and James Clark
Penn State University

During 2013, Penn State Extension Water Resources Team aired 14 separate webinars and each are recorded and archived on their extension website: extension.psu.edu/water. For this award application we focus on September 10, 2013, which was National Protect Your Groundwater Day. In celebration of this event, the team prepared and aired a webinar entitled “Strategies to Protect Private Water Wells and Springs in Pennsylvania” The webinar peaked at 85 attendees and was targeted to private water supply owners. The webinar was presented by Penn State Extension Water Resources Specialist, Bryan Swistock, and Extension Educator, Jim Clark. Clark presented information on basic hydrology, well and spring mechanics and characteristics, water quality issues, strategies to protect private water resources, and procedures for testing water supplies. Swistock presented information on the many extension water resources available to private water supply owners. A question and answer session was held at the end of the webinar.

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WEB SITES - SOCIAL MEDIA - ONLINE COURSES

GOLD AWARD

Income Opportunities for Forestland Owners: Log Markets

Scott Leavengood and Steve Bowers
Oregon State University

One of the most frequent requests Forestry Extension Agents receive from private landowners is assistance with 'marketing', broadly defined. Traditionally, the way we have addressed these requests is by providing a hardcopy publication on topics such as 'selling timber & logs', 'how to measure your trees' and/or by sending a list of local log buyers. In 2012-2013, we began an effort to develop a more comprehensive and coordinated set of marketing resources for landowners. Our Forest Income Opportunities series now includes hardcopy publications, a short introductory video, an Adobe presenter-based presentation, an Excel program to evaluate bids from log buyers, and a web-based forest industry directory. The overarching goal for the series is to teach non-industrial private forest how to market their logs for maximum value.

Contact

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SILVER AWARD

The Role of Water in Shale Gas Drilling

Charles Abdalla, Sanford Smith, Jennifer Fetter

Penn State University

Joy Drohan

Eco-Write, LLC

The Role of Water in Shale Gas Drilling website hosts a pair of video presentations and accompanying resources about water and the environmental impacts of shale gas drilling and production in the Mid-Atlantic region. These videos were designed for use by educators in both formal and informal educational settings. Although geared towards middle and high school youth, the presentations are appropriate for adults in the general public who may want to learn more about this topic as well. These presentations were created by Penn State Extension with the support of the Mid-Atlantic Water Program, USDA-NIFA.

Contact

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BRONZE AWARD

Florida Seafood at Your Fingertips Mobile Application

Holly Abeels, Brooke Saari, Bryan Fluech, Lisa Krinsky, Bill Mahan, Elaine Courtney,
Elizabeth Shephard, Kendra Zamojski, Chuck Adams, Steve Otwell, Dorothy Zimmerman

University of Florida

Cynthia Sandoval

Wild Ocean Seafood Market

The Florida Seafood At Your Fingertips program created an easy-to-use and understand educational tool using science-based information for University of Florida IFAS Extension agents to teach consumers about Florida seafood. This mobile app incorporates the content from the Florida Seafood At Your Fingertips curriculum modules about Florida seafood seasonality and availability, nutrition, purchasing, how to select/prepare/handle, cooking recommendations, recipes and photos to create an easy-to-use and informative mobile app. The creation of this mobile app allows extension to reach an audience that might not know about extension but can still benefit from information and education provided by the extension service. The mobile app is available for both Android (<http://bit.ly/H1utsJ>) and Apple iOS (<http://bit.ly/ICP7iw>) devices. The website <http://www.flseagrant.org/seafoodatyourfingertips> is also used to promote the program to Extension agents across Florida and to promote the mobile apps. Both are continually being updated as feedback is received from consumers.

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ACHIEVEMENT AWARDS

Achievement Awards recognize exceptional ANREP members who exhibit outstanding leadership and program excellence individually and in teams.

INNOVATIVE PROGRAM

Feral Hog Management Program in St Lucie County, FL

Becky Rusakkis, Susan Munyan, Joanna Huffman, Summer Ivey-Platt, Edna Vachon
Ken Gioeli
University of Florida

Current estimates indicate that the population of feral hogs may exceed 500,000 in Florida. Unfortunately, feral hogs have proven to be difficult to manage. The UF/IFAS St. Lucie County Cooperative Extension conducted the Feral Hog Management Program designed to (1) review the effectiveness of feral hog management practices currently being employed by land managers, (2) develop effective adaptive management technique recommendations, (3) teach these techniques to clientele groups and (4) conduct innovative activities designed reduce feral hog populations. Results of this program indicate that land managers continue to adopt effective adaptive management techniques. Clientele have increased knowledge of effective feral hog adaptive management techniques and innovative activities have been successfully conducted to reduce feral hog populations.

Teacher Training Summer Camp

Lara Miller
University of Florida

With a renewed emphasis on Science, Technology, Engineering and Math (STEM) curricula, providing teachers with tools to make these disciplines fun and interesting is important. A teacher training program was developed in 2012/13 to facilitate this for local elementary school teachers and college students aspiring to be elementary school teachers during their summer break. A partnership with a local college allowed for undergraduate students to attend the training with current K-5 teachers who would act as mentors. A week-long series of modules was developed using the national 4-H, Project Learning Tree, Project WET and Project WILD curricula to provide teachers with ideas for introducing STEM related topics with a natural resources and conservation twist. After the five-day workshop 20 participants reported the following outcomes: 95% strongly agreed that the information, strategies, and instruction methods shared were helpful and prepared them to use environmental education materials with their audience

OUTSTANDING TEAM

Camp Rocky

Mark Platten

Colorado State University

Jeanne Segars and Cindy Lair

CO Association of Conservation Districts

Jan Manning

Wildlife and Fisheries

Nathan Schmitz, Ben Berlinger, Dan Nosal, Kimberly Diller, Beth Fortman, Rick Romano

Natural Resources Conservation Service

Seth Gallagher

Rocky Mountain Bird Observatory

Kamie Long, Naomi Marcus

Colorado State Forest Service

Dale Army

Western Timber Management

Natalie Macsalka

Colorado State Conservation Board

Angie Busby

Cal-Wood

Camp Rocky is a week long, residential camp for 14 through 19 year olds interested in natural resources. Approximately 85 Colorado youth attend Camp Rocky in one of five disciplines: Forestry Management, Rangeland Science, Recreation Management, Wildlife and Fisheries Management, and Soil and Water Conservation. The staff is comprised of 20 professionals from various natural resource agencies at the state and federal levels.

Youth receive intensive, hands on instruction and use that knowledge to write a cross-discipline management plan for a degraded area of the campground. The plans are presented to the campground owners to discuss impacts, and are implemented on the final day of the camp. Impacts include approximately an acre of forest thinning, fencing for llama grazing, pond and stream treatments to reduce algae bloom, improvement of trails and recreation area addressing safety and aesthetic elements, and stabilizing hillsides and streams.

DISTINGUISHED CAREER LEADERSHIP

Dr. Catherine Elliott

University of Maine

Dr. Catherine Elliott is recognized for her outstanding leadership throughout her career at the University of Maine, and for her far-reaching dedication to the improvement of the Extension profession through ANREP. Cathy has provided exemplary leadership as a founding member of ANREP's two initiatives, the National Network for Sustainable Living Education (NNSLE) and the Climate Science Initiative (CSI), and as ANREP State Champion for Maine. Through her co-authorship of the article, "Sustainable Living Education: A Call to All Extension" in the *Journal of Extension* 2008, she has helped to mark ANREP as a national leader in Sustainable Living Education and inspire colleagues to address issues of sustainability and climate adaptation and mitigation across the country. Dr. Elliott's career has included work in wildlife, forestry, biodiversity, service learning, and environmental education, as well as service to the University of Maine, UMaine Extension, ANREP, and The Wildlife Society.

EARLY CAREER LEADERSHIP

Angela S. Gupta

University of Minnesota

Angela Gupta is an outstanding leader. She's led innovative work related to early detection forest invasive species using volunteers. This work has resulted in several first finds of pests in Minnesota and various counties including emerald ash borer, gypsy moth caterpillar and Oriental bittersweet. In addition Angela's leadership enabled the University of Minnesota Extension to become a national leader in early detection forest pests; expended Extension's volunteer efforts to include Forest Pest First Detectors and Invasive Blitz leaders. To achieve this impacts Angela nurtured partnerships with several state agencies and collaborated to raise over \$800,000 to support her work. She has also contributed academically to the field through peer reviewed journal articles and primary research.