

South Carolina



Planning Education Advisory Committee

August 26, 2014

Committee members:

Stephen G. Riley, Chairman
Representing MASC

Phillip L. Lindler
Representing SCAC
Term expires: 2015

Cliff Ellis
Representing Clemson
University
Term expires: 2016

Dennis Lambries
Representing USC
Term expires: 2016

Donna London
Representing SCAPA
Term expires: 2014

Mr. Daniel Newquist
Environmental Planner/Community Planner
Waccamaw Regional Council of Governments
1230 Highmarket Street
Georgetown, SC 29440

Dear Mr. Newquist:

Re: *Green Infrastructure Planning at the Landscape Scale*

On August 12, 2014, I received the Program Materials you submitted for accreditation of the Continuing Education Course detailed above. Upon receipt of your application, I sent an email to confirm receipt by all Committee members and set a deadline for comments.

On June 3, 2014 approval was given to the South Carolina Forestry Commission for the same program. As a result, we are granting blanket approval for the program referenced above based on the prior action. Formal, after-the-fact approval will be handled as part of a Consent Agenda at the regular quarterly meeting of the Committee, which will be a conference call and is scheduled for October 20, 2014 at 10:00 a.m.

Thank you for your efforts put forward to help us make this program a success.

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen G. Riley".

Stephen G. Riley, ICMA~CM
Chairman

cc: Dennis Lambries, Cliff Ellis, Donna London, Phil Lindler

South Carolina Planning Education Advisory Committee (SCPEAC)

NOTICE OF DECISION

12. The following action has been taken by the SCPEAC on this application:

- a) X ACCREDITED for 2 CE credits
- b) DENIED ACCREDITATION
 - i. Reason: _____
- c) RETURNED for more information

13. If accredited:

- a) Approved Course No.: 2014-04
- b) Date of accreditation: 08-26-2014

Note: Blanket approval has been granted for this program to be held at various COG's according to the schedule listed in the cogflyer.pdf attachment to the application.

Signature of SCPEAC Representative: 

**For further information, contact Mr. Stephen Riley, Chairman,
843-341-4701 or steve@hiltonheadislandsc.gov**

**APPLICATION FOR ACCREDITATION
OF A CONTINUING EDUCATION PROGRAM**

Note: This certification form, together with the required information referenced therein, shall be submitted to the Committee. If no objections are raised by a member of the SCPEAC within 10 working days of receipt, the continuing education program shall be considered accepted. If an objection is raised, a teleconference meeting shall be scheduled, with appropriate public notice, as soon as reasonably possible, to review the application.

1. Name and address of organization providing or sponsoring the orientation program:

- a. Organization Name: Waccamaw Regional Council of Governments
- b. Address: 1230 Highmarket St.
- c. City: Georgetown
- d. State: SC
Zip Code: 29440
- e. Telephone: 843-436-6131
- f. Email: dnewquist@wrcog.org

2. Contact Information:

- a. Name of Contact Person: Daniel Newquist
- b. Title: Environmental Planner/Community Planner
- c. Telephone: 843-436-6131
- d. Email: dnewquist@wrcog.org

3. Information on orientation program:

- a. Title of Program:

Green Infrastructure Planning at the Landscape Scale

- b. Date(s) and Location(s) of Program:

Thursday, August 28, 2014 Waccamaw Regional Council of Governments Conference Room

- c. Brief description of the program and its content:

Overview of Green Infrastructure concepts and a discussion of the South Carolina Green Infrastructure Model project.

4. Method of presentation (check all that apply. All sessions must have a Coordinator present):

- a. Presentor(s) in room with participants
- b. Live presentation via close circuit TV, video conferencing, or similar; Coordinator present

- c. Videotape or CD/DVD presentation; Facilitator present
- d. Webinar or similar; Coordinator present
- e. Other (describe) _____

5. Description of materials to be distributed (check/fill in all that apply):

a. Powerpoint handout:	<input checked="" type="checkbox"/>	number of slides: 88
b. Other handouts:	<input type="checkbox"/>	total pages:

c. CD/DVD:

d. Other (describe) _____

e. None:

6. When are materials distributed?

a. Sent before the program:

b. Handed out at the program:

c. Other (describe) _____

7. Required attachments (5 copies distributed as described below):

- a. Course description and outline including estimated time per section
- b. Brochure, if available
- c. Course Presenter(s) and credentials (include brief resumes and qualifications)
- d. Copies of all handouts and course materials
- e. Evaluation Form and method of evaluation (each program must be evaluated)

8. Instruction Time:

a. Indicate the total minutes of instruction time: 120 minutes

Note: Breaks, meals and introductions should not be counted. A reasonable period of Q and A should be included and counted.

9. Method of Advertisement:

a. Describe the ways in which you intend to let potential attendees know about this orientation program:

Email distribution lists, Coastal Waccamaw Stormwater Education Consortium website

10. Certification. By Submitting this application, the applicant agrees to:

- a. Allow in-person observation, without charge, of the Program by the SCPEAC Committee members. Any food, travel or lodging costs will be the responsibility of the Committee member(s).

b. The applicant acknowledges that its approval for this Program may be withdrawn for violations of the regulations or failure to comply with the agreements and representations contained herein and as may be required by the SCPEAC.

i. Name of Organization: Waccamaw Regional Council of Governments

ii. Name of Representative: Daniel Newquist

iii. Title: Environmental Planner/Community Planner

iv. Phone: 843-436-6131

v. Email: dnewquist@wrcog.org

vi. Signature: 

vii. Date: 08/12/2014

Application and all Materials may be submitted in one of the following means:

1. Electronic submission to each of the committee members listed below via email; or
2. Hardcopy via U. S. Mail, 1 copy each to each committee member; or
3. Electronic submission of the application via email to all committee members, and submit hardcopy supporting materials via U.S. Mail to each member, if materials not available electronically.
4. Please cc all applications to the Chairman's assistant, Vicki Pfannenschmidt at vickip@hiltonheadislandsc.gov

To access committee members email and postal addresses visit the link below:
<http://www.scstatehouse.gov/scpeac/members.htm>

Attend a Free Presentation: Green Infrastructure Planning at the Landscape Scale

by Karen Firehock

South Carolina's Council of Governments, the South Carolina Forestry Commission and Trees SC invite you to attend a *free presentation* about our state's Green Infrastructure Planning Guide and Model initiative!

WHAT IS GREEN INFRASTRUCTURE?

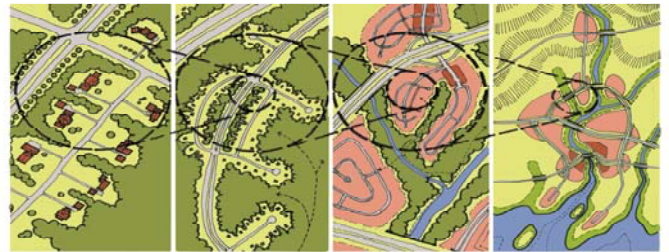
Green infrastructure includes the interconnected natural systems in a landscape, such as intact forests, wetlands, dune systems, parks and rivers, or agricultural soils that provide clean water, air quality, wildlife habitat and food. They also provide a sustainable local economy. However, if we don't know where these systems are located or how best to protect them, we can lose them over time. *We can reap many benefits from our natural systems* if we identify, rank and map them as part of our communities "infrastructure." The Green Infrastructure Center is developing a modeling tool and a South Carolina Practitioner's Guide to help South Carolina localities do just that!

WHY SHOULD YOU PARTICIPATE?

Come learn about this new tool and how you can use it to plan for both conservation and better quality of life for South Carolinians. Karen Firehock of the Green Infrastructure Center (<http://www.gicinc.org>) will present an overview of the green infrastructure guide and computer modeling project, definitions and case studies, and explain how green infrastructure strategies can help localities and regions better conserve their environmental and cultural resources to address a host of issues. This 90 minute presentation and 30 minute discussion will give you all the details of this new project and opportunities for input!

WHO SHOULD ATTEND?

Planners, conservationists, developers, community members, elected and appointed officials and anyone concerned about better ways to develop that conserve our resources! RSVP today or contact your local COG for more information. See details right.



Contact your local COG to reserve your space.

Berkeley, Charleston, Dorchester

Contact: Kathryn Basha
kathrynb@bcdco.org; 843-529-0400 ext. 210
When: **Monday, August 18, 2014 at 2 p.m.**
1362 McMillan Avenue, Suite 100
North Charleston, SC 29405

Pee Dee Regional

Contact: Levonne Powell
lpowell@peedeecog.org; 843-669-3138
When: **Wednesday, August 27, 2014 at 10 a.m.**
(Florence-Darlington County Line)
2314 Pisgah Road, Florence & Darlington, SC

Central Midlands

Contact: Gregory Sprouse
gsprouse@cmco.org; 803-744-5158
When: **Wednesday, August 27, 2014 at 3 p.m.**
236 Stoneridge Drive, Columbia, SC 29210

Waccamaw Regional

Contact: Daniel Newquist
dnewquist@wrcog.org; 843-436-6131
When: **Thursday, August 28, 2014 at 10 a.m.**
1230 Highmarket Street, Georgetown, SC 29440

Santee Lynchess

Contact: Chris Clauson
cclauson@slcog.org; 803-775-7381
When: **Thursday, August 28, 2014 at 3 p.m.**
36 West Liberty Street, Sumter, SC 29150

Appalachian

Contact: Chip Bentley
bentley@scacog.org; 864-242-9733
When: **Wednesday, September 3, 2014 at 3 p.m.**
30 Century Circle, Greenville, SC 29607

Upper Savannah

Contact: Rick Green
rgreen@uppersavannah.com; 864-941-8072
When: **Thursday, September 4, 2014 at 10 a.m.**
222 Phoenix Street, Greenwood, SC 29646

Lower Savannah

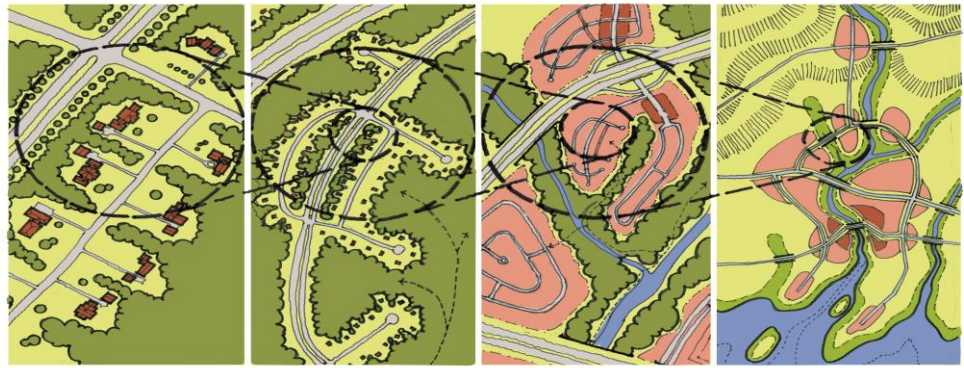
Contact: Amanda Sievers
asievers@lscog.org; 803-649-7981
When: **Thursday, September 4, 2014 at 3 p.m.**
2748 Wagener Road, Aiken, SC 29801

Catawba Regional

Contact: Robby Moody
rmoody@catawbacog.org; 803-327-9041
When: **Friday, September 5, 2014 at 10 a.m.**
215 Hampton Street, Rock Hill, SC 29730

Lowcountry

Contact: Ginnie Kozak
gkozak@lowcountrycog.org; 843-726-5536
When: **Monday, September 8, 2014 at 10 a.m.**
634 Campground Road, Yemassee, SC 29945



Attend a Free Presentation: Green Infrastructure Planning at the Landscape Scale *by Karen Firehock*

PURPOSE: The Waccamaw Regional Council of Governments, the South Carolina Forestry Commission and Trees SC invite you to attend a *free presentation* about our state's Green Infrastructure Planning Guide and Model initiative!

WHAT IS GREEN INFRASTRUCTURE?

Green infrastructure includes the interconnected natural systems in a landscape, such as intact forests, wetlands, dune systems, parks and rivers, or agricultural soils that provide clean water, air quality, wildlife habitat and food. They also provide a sustainable local economy. However, if we don't know where these systems are located or how best to protect them, we can lose them over time. *We can reap many benefits from our natural systems* if we identify, rank and map them as part of our communities "infrastructure." The Green Infrastructure Center is developing a modeling tool and a South Carolina Practitioner's Guide to help South Carolina localities do just that!

WHY SHOULD YOU PARTICIPATE?

Come learn about this new tool and how you can use it to plan for both conservation and better quality of life for South Carolinians. Karen Firehock of the Green Infrastructure Center (<http://www.gicinc.org>) will present an overview of the green infrastructure guide and computer modeling project, definitions and case studies, and explain how green infrastructure strategies can help localities and regions better conserve their environmental and cultural resources to address a host of issues. This 90 minute presentation and 30 minute discussion will give you all the details of this new project and opportunities for input!

WHO SHOULD ATTEND?

Planners, conservationists, developers, community members, elected and appointed officials and anyone concerned about better ways to develop that conserve our resources! RSVP today or contact your local COG for more information. See details right.

Local Sponsor: Waccamaw Regional Council of Governments

Where: 1230 Highmarket St. Georgetown, SC 29440

When: 10 am on 08/28/2014

RSVP to: Daniel Newquist 843-436-6131 or dnewquist@wrcog.org by 8/25/2014.

Limited to 25 attendees.

Karen E. Firehock
Green Infrastructure Center Inc.
P.O. Box 317
Charlottesville, Virginia 22902
Tel: (434)244-0322
Email: firehock@gicinc.org

PROFESSIONAL

EXECUTIVE DIRECTOR, GREEN INFRASTRUCTURE CENTER INC.

(May 2007 to present): The Green Infrastructure Center (GIC) conducts research, economic analysis, land use planning and asset mapping to provide tools needed by communities to protect and restore their natural assets. Ms. Firehock co-founded the GIC and she brings 28 years of experience in environmental planning and natural resources management to her work. She oversees planning and research projects at the regional, county, city and watershed scale. She has directed 15 green infrastructure planning field tests at the town, city, county and multi county scale. She recently completed practitioner's guides and modeling methodologies for green infrastructure planning in NY, VA, AR and NC. She is currently working on a habitat model for SC and is leading a pilot field test for Berkeley County SC. She has led many urban habitat and watershed revitalization projects and is currently leading the Upper Goodes Creek Watershed Coalition; a project to revitalize a watershed in southside Richmond, VA. Her skills include teaching, research, land use planning, environmental assessments, water quality monitoring, mediation and facilitation, fundraising, writing and photography. Examples of awards include *Award for Contribution to Stewardship of the Lewis Creek Watershed*, City of Staunton, VA and the *Eldon Fields Wood Design Professional of the Year Award*, for the City of Charlottesville.

LECTURER, UNIVERSITY OF VIRGINIA, SCHOOL OF ARCHITECTURE (Spring 1997 to present) Lecturer at the University of Virginia for graduate courses in green infrastructure assessment and planning, watershed management, environmental ordinance development and finance. Following is a list of courses taught and semester years for courses.

Green Codes -- design and audit of ordinances for stormwater management (2006, 2011)

Green Sites -- site redesign to mitigate stormwater (2007 - 2014)

Green Lands -- green infrastructure inventory, assessment (2006 - 2014)

Watershed Management -- environmental planning for watersheds (2004 - 2005)

Fundraising for Planners -- planning finance course (1999 - 2014)

SENIOR ASSOCIATE, UNIVERSITY OF VIRGINIA, INSTITUTE FOR ENVIRONMENTAL NEGOTIATION (Summer 1999 to April 2007): She served as a Senior Associate at the UVA Institute for Environmental Negotiation, where she led national and regional multi-stakeholder planning processes for projects such as watershed planning, forest sustainability, and strategic planning for agencies working on Virginia's eastern shore. She served as a coordinator for community watershed and land use plans and comprehensive plans for localities. She was also the national research coordinator for the Community-

Based Collaboratives Research Consortium and she directed strategic planning processes for environmental groups and government agencies.

SAVE OUR STREAMS PROGRAM DIRECTOR, IZAAK WALTON LEAGUE OF AMERICA (IWLA) (*April 1985 to August 1997*): Ms. Firehock directed the national stream and wetland conservation program and supervised the department team. She wrote educational materials such as handbooks, curricula and magazine articles, developed videos, and slide shows. Created volunteer monitoring protocols for river and wetland habitat and biological assessments that were adopted by the U.S. Environmental Protection Agency. She designed and taught workshops, including nine teacher seminars and two teacher institutes, volunteer water monitoring and habitat restoration workshops, and national conferences covering 45 states. She has served on numerous federal government agency advisory boards. Ms. Firehock has received many local, state and national awards for her work such as the National Greenways Award, a Renew America Award, A United Nations Environment Programme Award and the Virginia River Conservationist of the Year Award.

EDUCATION

Bachelor of Science, Natural Resources Management, School of Agriculture, University of Maryland, May 1993. *Senior Study Project*: Monitoring and Evaluation of Constructed Wetlands in Baltimore County, Maryland

Master of Planning, School of Architecture, University of Virginia, May 1999
Masters Thesis: Evaluation of Community Based Collaborative Approaches to Federal Land Management

PUBLICATIONS AND VIDEOS

Evaluating and Conserving Green Infrastructure Across the Landscape: A Practitioner's Guide (GIC press, VA Edition 2012, NY AR and NC editions 2013)

Green Infrastructure, 15 minute professional video (DCR, 2011)

Birkhoff, Juliana, Dukes, E. Franklin Dukes, and Firehock, Karen, eds. Community Based Collaboration. 200 pages (University of Virginia Press, 2011)

Local Watershed Management Planning in Virginia, A Community Water Quality Approach, (2003) funded by the Virginia Dept. of Conservation & Recreation

A Stream Corridor Protection Strategy for Local Governments, UVA (2002) funded by the Chesapeake Bay Program

Community Watershed Forums: A Planner's Guide, UVA (2002) funded by the Chesapeake Bay Program

Collaboration: A Guide for Environmental Advocates, UVA (2001) funded by the William and Flora Hewlett Foundation

Handbook for Wetlands Conservation and Sustainability, IWLA (1997, 1998)

Restoring America's Streams, 28-minute video for television, IWLA (1996)

A Citizen's Streambank Restoration Handbook, IWLA (1995)

Hands On Save Our Streams, A Teacher's Manual, IWLA (1994, 1995)

Save Our Streams Volunteer Trainer's Handbook, IWLA (1994)

Virginia's Erosion and Sediment Control Law, Citizen Action Guide, (1991)

SOS for America's Streams, 28-minute video for television, IWLA (1990)