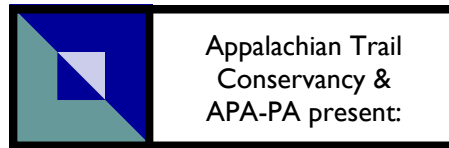




The Appalachian Trail Conservancy's mission is to preserve and manage the Appalachian Trail – ensuring that its vast natural beauty and priceless cultural heritage can be shared and enjoyed today, tomorrow, and for centuries to come. To become a member, volunteer, or learn more, visit [www.appalachiantrail.org](http://www.appalachiantrail.org).



The Pennsylvania Chapter of the American Planning Association provides leadership in the development of vital communities by advocating excellence in community planning through education, empowerment, partnership, and public policy. For more information, please visit [www.planningpa.org](http://www.planningpa.org).



## Writing Growing Greener: Conservation by Design Codes 4.75 AICP CM Credits

**Tuesday, March 24, 2015**  
**9:00 a.m.— 4:30 p.m.**  
**Hawk Mountain Sanctuary**  
**1700 Hawk Mountain Rd, Kempton, PA**



copyright Natural Lands Trust

### Conservation Design Instructors (Natural Lands Trust):

*Randall Arendt, FRTPI, ASLA (Hon.)*  
*Ann Hutchinson, AICP*

### Economics of Conservation Instructors:

*John Rogers, President, Keystone Conservation Trust*  
*Becky Bradley, AICP, Lehigh Valley Planning Commission*

### **Workshop Organizer:**

Alicia E. Riegel-Kanth  
Appalachian Trail Conservancy  
Mid-Atlantic Regional Office  
4 East First Street  
Boiling Springs, PA 17007  
O: (717) 258-5771, x 206  
Email: [akanth@appalachiantrail.org](mailto:akanth@appalachiantrail.org)

## How can subdivisions become “greener”?

Conservation design is an effective approach to managing residential development while conserving existing natural and cultural resources. Understanding the technical aspects of writing conservation subdivision regulations, combined with material on how to explain the mechanics and economic benefits of the land use regulations to potential clients, makes for a relevant educational experience for any planner who writes ordinances.

Nationally-renowned expert Randall Arendt and Senior Conservation Director Ann Hutchinson of Natural Lands Trust will instruct participants in conservation design through a keynote lecture illustrated with case studies from PA and across the country; with two hands-on exercises that illustrate the design concepts and zoning calculations; and with discussion regarding common challenges in implementing the land use regulations.

John Rogers, an ecologist, environmental planner, and author of several Return on Environment reports in communities along PA's Kittatinny Ridge; and Becky Bradley, AICP, Executive Director of the Lehigh Valley Planning Commission, will discuss the connection between conservation and economic development.

Planners who complete the training will have the ability to write land use regulations that manage growth and conserve land. This is accomplished through the training, noted above, as well as with model land use regulations already tested in PA and proved to conserve land through the residential development process. Planners will leave the workshop with an understanding of zoning and subdivision / land development ordinance standards essential to producing conservation subdivisions.



**Hawk Mountain's South Lookout beckons...**  
copyright Mary Linkevich, Hawk Mountain Sanctuary

After the workshop, instructors will email additional resources, if needed.

A catered lunch will be provided, as well as a hike on the Hawk Mountain grounds. Please dress casually and have footwear suitable for hiking. Attendees are encouraged to bring a thermos of water for the hike, although some extra water bottles will be provided.

# Meet Your Instructors

## Randall G. Arendt, FRTPI, ASLA (Hon.)

### Senior Conservation Advisor

#### Natural Lands Trust

Randall Arendt is a landscape planner, site designer, author, lecturer, and an advocate of "conservation planning." Among his many honors, Randall received the 2005 AIA Award for Collaborative Achievement and was awarded an honorary degree in Landscape Planning & Design by the Conway School of Landscape Design.

Randall has penned more than 20 publications and is the country's most sought-after speaker on the topic of creative development design as a conservation tool. His innovative designs are "twice green" - succeeding environmentally and economically.

## Ann E. Hutchinson, AICP

### Senior Director, Municipal Conservation Svcs

#### Natural Lands Trust

Ann is a landscape architect with 24 years' experience working with PA municipalities. Ann and Randall developed the state-wide *Growing Greener: Conservation by Design* program. Her portfolio includes assistance to more than 100 communities interested in better growth management and speaking engagements at local, state and regional conferences, and workshops throughout PA. She is a contributing author to the interactive CD-ROM *Growing Greener Ordinance Language* (Island Press, 2001). Before joining the Trust in 1996, Ann served as the Director of Planning & Community Development for Lower Merion Twp, a first-ring suburb of Philadelphia.

## John W. Rogers, President

### Keystone Conservation Trust

John has spent 40 years working on environmental policy, science, planning, and economic issues for government organizations and private companies. He was a principal and owner of Rogers, Golden & Halpern, Inc., an environmental consulting firm, which later merged with CH2MHill, an international engineering firm.

At Keystone Conservation Trust, John helps land trusts raise money, preserve land, and educate policy makers on innovative land use tools and the role of nature in the local economy. He has done Return on Environment studies for the Delaware Valley Planning Commission, the Kittatinny Coalition, and the Lehigh Valley Planning Commission.

## Becky A. Bradley, AICP

### Executive Director

#### Lehigh Valley Planning Commission (LVPC)

As LVPC Executive Director, Becky Bradley is charged with leading a \$1.9 billion regional transportation planning program, as well as, balancing the needs of the Lehigh Valley's rapidly growing population.

Prior to joining LVPC, Bradley was the Director of Planning, Codes and Development at the City of Easton. She authored PA's first comprehensive smart development code, which included the nation's first floodplain ordinance to regulate the FEMA-defined 100- and 500-year floodplains equally. This work earned her the 2009 10,000 Friends of PA Commonwealth Special Jury Award.

## Agenda

4.75 AICP CM Credits

**Dress Code: Casual; wear sturdy shoes / boots suitable for hiking**

9:00 ~ Registration (light refreshments)  
Welcome (Alicia Riegel-Kanth & Jeanne Ortiz)

9:10 ~ Introduction: "How Nature Helps Local Economies Thrive Along the Kittatinny Ridge"  
(John Rogers, Becky Bradley)

9:55 ~ Keynote Lecture: "Growing Greener – Conservation Subdivision Concepts & Principles"  
(Randall Arendt)

11:15 ~ Exercise #1: Designing a Conservation Subdivision – Presentation, Group Exercise, & Discussion (Randall & Ann Hutchinson)

12:00 ~ Lunch & Hawk Mountain Hike

1:30 ~ Exercise #2: Working with Adjusted Tract Area, Density & Greenways – Group Exercise, Answers, & Discussion (Ann)

2:30 ~ 5-minute Break

2:45 ~ Growing Greener "Essentials" & Common Challenges (Randall & Ann):

- Zoning & Subdivision/Land Development Ordinances Assessments
- Case Study: Silver Spring Township (Cumberland County)
- Importance of sketch plans in the land development process
- Full density, conventional lots no longer permitted
- Threshold, when does conservation subdivision kick in? Homeowners Assns / farmers
- Sewage availability & conservation design
- Where to apply conservation design, which zoning districts?
- Overlay or write into districts
- Yield plan vs. calculation
- A new process & learning curve

3:45 ~ Q&A with Randall, Ann, John, & Becky (moderated by Alicia)

4:30 ~ Adjourn

## Workshop Registration Form

Register online at

<https://eventbrite.com/event/15221604228/>

Registration Fee: \$25.00

Name \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

### Method of Payment

- Check (Payable to "Appalachian Trail Conservancy")
- Send me an Invoice
- Pay by Credit Card online at <https://eventbrite.com/event/15221604228/>

### What is your sandwich preference?

- Turkey
- Tuna Salad
- Vegetarian
- Special Diet / Food Allergies (contact organizer to arrange)



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Mid-Atlantic Regional Office  
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4 East First Street  
Boiling Springs, PA 17007

Questions? Contact Alicia:  
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E-mail: [akanth@appalachiantrail.org](mailto:akanth@appalachiantrail.org)