

# 2012 Pinelands Summer Teacher Institute - Pemberton

## Agenda

(subject to change)

**July 9 - 13, 2012**

- Monday, July 9:**      **Meet at Pinelands Preservation Alliance (PPA) at 8:45am**
- 9:00 – 9:15 am      Review program agenda (*John Volpa*)
- 9:15 – 10:30 am      Program context: Reviewing the program’s goals in terms of current environmental challenges and activities from the global to the local scales. (*John Volpa*)
- 10:30 – 12:00 am      Presentation on Pine Barrens ecology (*Amy Karpati*)
- 12:00 – 12:45 pm      *Lunch*
- 12:45 – 1:30 am      Virtual examination of Rancocas watershed (*Carleton Montgomery & John Volpa*)
- Pemberton Environmental Resource Inventory
  - Review GIS maps and aerial photographs
  - Provide an overview of the area’s land use and environmental history and current status, including agriculture, fire, etc.
- 1:30 – 2:30 pm      Presentation on history of human settlement and exploitation of the Pine Barrens and Pemberton area (*John Volpa*)
- 2:30 – 2:45 pm      *Break*
- 2:45 – 3:30 pm      Activity on sustainable use of natural resources (*John Volpa*)
- 3:30 – 4:30 pm      Discussion of *Pine Barrens: Up Close and Natural* curriculum guide and how the program supports current curriculum standards. View *Pine Barrens* film (*John Volpa*)
- 4:30 – 4:45 pm      Discuss plans for Tuesday (e.g., need for appropriate clothing)
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- Tuesday, July 10:**      **Meet at [TBA: PPA or a Pemberton School] at 8:45 am**
- 9:00 – 12:00 pm      Guided van tour of Rancocas watershed and its surroundings, stopping at key locations:
- NJ Pinelands Commission (*Paul Leaken, NJ Pinelands Commission*)
  - Pinelands Rutgers Field Station (*Ken Clark, US Forest Service*)
  - Mirror Lake (*PPA Staff*)
  - Upland Agriculture (*PPA Staff*)
  - Pemberton Borough (*PPA Staff*)
- 12:00 – 12:45 pm      *Lunch at Pakim Pond*

*over*

- 12:45 – 2:15 pm Ecological surveys at Pakim Pond
- Aquatic survey of pH and fish species (*Carleton Montgomery & Mike Hunninghake*)
  - Flora survey (*Amy Karpati*)
- 2:30 – 4:00 pm Ecological surveys at Ong’s Run/Mirror Lake
- Aquatic survey of pH and fish species (*Carleton Montgomery & Mike Hunninghake*)
  - Flora survey (*Amy Karpati*)
- 4:00 – 4:30 pm Discuss findings, questions and responses to field trip.

**Wednesday, July 11: Meet at Burlington County College Boat Launch (Clark Canoe Rental will provide canoes) at 8:45 am**

- 9:00 – 4:00 pm Guided canoe trip (*Chris Derkas, Burlington County Park Ranger; Amy Karpati; John Volpa*) on the Rancocas Creek, from BCC to Smithville. *Picnic lunch provided.*

**Thursday, July 12: Meet at [TBA: PPA or a Pemberton School] at 8:45 am**

- 9:00 – 10:15 am Presentation on Pinelands conservation efforts and programs (*Carleton Montgomery*)
- 10:15 – 12:00 pm Travel to Rancocas Conservancy’s North Branch Preserve
- Activities at North Branch Preserve:
- Introduction to the Preserve (*Chris Jage, Rancocas Conservancy*)
  - Plant diversity survey (*Amy Karpati*)
  - Stewardship opportunities
- 12:00 – 12:45 pm *Lunch at Whitesbog Village*
- 12:45 – 3:30 pm Whitesbog Village: Village tour, overview of P.I.N.E.S. program, forest hike (*John Volpa; Susan Phillips, Whitesbog Preservation Trust; and Susan Girard, P.I.N.E.S.*)
- 3:30 – 4:00 pm Discuss findings, questions and responses to field surveys

**Friday, July 13: Meet at Pinelands Preservation Alliance at 8:45am**

- 9:00 – 10:00 am GIS mapping demo and discussion of water quality survey data in Pinelands-wide context
- 10:00 – 12:30 pm Facilitated discussion/action:
- Conservation needs for the Rancocas Watershed in Pemberton and its various habitats
  - Develop field trip itineraries for schools and the public
  - Design the stewardship project for the fall/winter.
- 12:30 – 2:00 pm *Special Lunch and Graduation Ceremony*
- 2:00 – 3:00 pm Tour of Bishop Farmstead, Pinelands Visitor Center, barn and gardens.

**Sponsored by the Pinelands Preservation Alliance & Pemberton School District**

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