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2012

7th Susquehanna River Symposium Program

Bucknell Center for Sustainability and the Environment

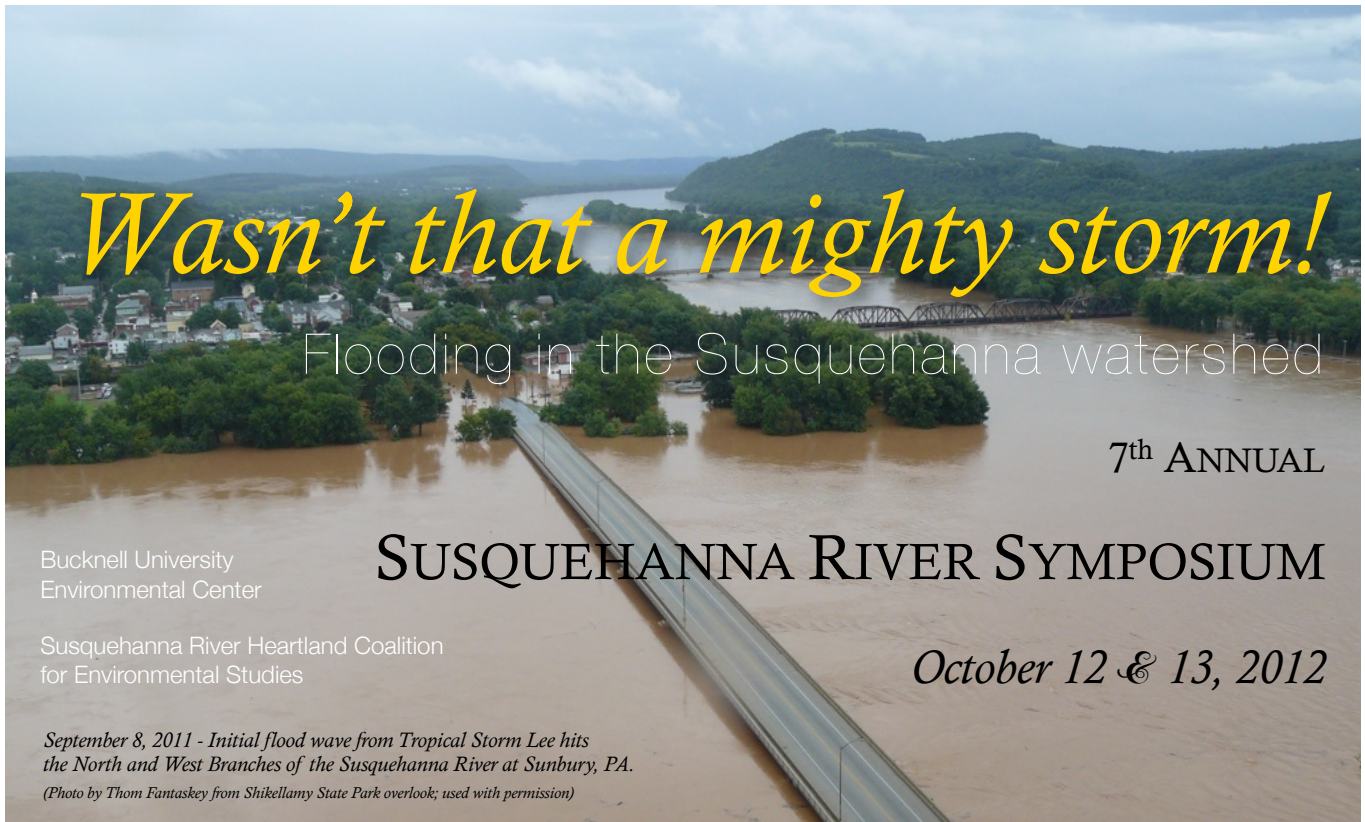
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7TH ANNUAL SUSQUEHANNA RIVER SYMPOSIUM



Wasn't that a mighty storm!

Flooding in the Susquehanna watershed

7th ANNUAL

SUSQUEHANNA RIVER SYMPOSIUM

October 12 & 13, 2012

Bucknell University
Environmental Center

Susquehanna River Heartland Coalition
for Environmental Studies

*September 8, 2011 - Initial flood wave from Tropical Storm Lee hits the North and West Branches of the Susquehanna River at Sunbury, PA.
(Photo by Thom Fantasky from Shikellamy State Park overlook; used with permission)*

STUDENT RESEARCH POSTERS & EXHIBITS

Friday evening features student research posters by students and faculty from universities conducting research in the Susquehanna watershed. Exhibits from the *Susquehanna River Basin Commission*, *DEP*, *PennDOT*, *NOAA*, *DCNR*, *Sea Grant Program*, and local watershed groups will be on display from 8:30 to 10:00 pm.

REGISTRATION

Registration is NOT required for this event. Welcome tables will be located at the entrance to the Terrace Room and Center Room (Rm. 256) in the Elaine Langone Center. Students will be present to help answer questions on Friday from 4:30 to 6:45 pm and Saturday from 7:30 to 9:00 am. They will provide everyone name tags and a folder containing a copy of symposium program and other materials.

COST

All events are **FREE** and **OPEN TO THE PUBLIC**.

MEALS

Meals are not provided for the public, but a variety of lunch or dinner entrees are available at the university's food court in the Elaine Langone Center (1st floor) or at a restaurant in downtown Lewisburg.

Meals will be provided to invited guests, symposium speakers, and students/faculty who are presenting research posters. .

DIRECTIONS TO CAMPUS PARKING & LODGING

Directions to Bucknell university, maps of campus and symposium event locations, as well as parking and lodging information can be viewed and downloaded from the symposium website:

www.bucknell.edu/RiverSymposium

Friday's Schedule

*Terrace Room, Elaine Langone Center
Bucknell University*

7:00 pm

Opening

Dr. Peter Wilshusen, Executive Director
Bucknell University Environmental Center.

7:10 pm

Welcome

Dr. John C. Brawman
President, Bucknell University*

7:20 pm

"Exploring the watershed through university research and collaborative partnerships"

H.V. "Skip" Wieder, Director
Susquehanna River Heartland Coalition
for Environmental Studies

7:30 pm (Keynote Address)

"Floods, Droughts, and Everything In Between"

Paul Swartz, Executive Director
Susquehanna River Basin Commission

8:00 pm

The Connection to the Chesapeake Bay"

Matthew J. Ehrhart, Pennsylvania Executive Director
Chesapeake Bay Foundation

8:30 - 10:00 pm

Student research posters, scientific exhibits, and evening social.

October 12-13, 2012

Bucknell
UNIVERSITY
ENVIRONMENTAL CENTER

7TH ANNUAL SUSQUEHANNA RIVER SYMPOSIUM

SATURDAY, OCTOBER 13TH

FLOODING IN THE SUSQUEHANNA RIVER

Terrace Room (Rm. 256)

Elaine Langone Center

8:00-9:00 am

Coffee & refreshments

Student research posters

9:00 am

Opening comments

Paul Swartz, Executive Director

Susquehanna River Basin Commission

9:15 am

Flood Forecasting in the Susquehanna watershed

William Marosi, Chief Hydrologist

Mid Atlantic Flood Forecasting Center

NOAA National Weather Service

9:45 am

The Anatomy of Floods: the Epic Floods of Tropical Storm Lee, September 2011

Mark Roland, Hydrologist

Pennsylvania Water Science Center

U. S. Geological Survey

10:15 am

Extreme flood events in the Susquehanna watershed: Impacts related to erosion and sedimentation

R. Craig Kochel, Professor of Geology

Bucknell University

10:45 am

Impact of floods on fish and aquatic life in the Susquehanna River and its tributaries

Geoff Smith, Susquehanna River Biologist

Pennsylvania Fish and Boat Commission

11:15 am

Break

11:30 am

Impact of flooding on roads, bridges, houses, and other infrastructures - an engineering perspective

T. Jay Cunningham, P.E.

Director of Engineering Design

Pennsylvania Department of Transportation

12:00 pm

Impact of Tropical Storm Lee on communities along the Susquehanna River - an example from Bloomsburg, PA

Zabrina Finn, Executive Director

The Women's Center, Inc.

Columbia & Montour Counties

12:30 pm

Wrap-up

Paul Swartz, Executive Director

Susquehanna River Basin Commission

1:00 pm

Lunch in Walls Lounge, Elaine Langone Center

1:30 pm

Panel Discussion

Flood impacts and planning for the future

Moderated by John Dawes, Executive Director

Foundation for Pennsylvania Watersheds

2:00 pm

Closing Comments

H.W. "Skip" Wieder*,

Susquehanna Heartland Coalition for Environmental Studies

2:15-3:15 pm

"The Water's Edge"

Profits and policy behind the rising catastrophe of floods

An award-winning documentary film

by the Flood Safety Project and

Public Entity Risk Institute.

Featuring world-renowned flood expert

Dr. Victor Baker, University of Arizona.

