

# Delaware County Roadmap for Adapting to Coastal Risks:

A hands-on workshop to advance planning in coastal municipalities

September 22-23, 2010

Location: John Heinz National Wildlife Refuge

8:00 am – 5:00 pm; **Registration Deadline, September 8<sup>th</sup>**

The NOAA Coastal Services Center is teaming up with a host of partners to step local decision-makers and their staff through a coastal hazard and climate risk assessment process to help integrate relevant information into existing planning and decision-making processes.

## Participants Will Learn to:

- Define current and future hazard priorities as they relate to key local planning and decision processes
- Understand the implications of key local hazards for local planning and decision processes
- Identify strengths and vulnerabilities of the existing built and natural environments and the planning and regulatory frameworks for guiding future development decisions
- Assess the resilience capacities of the local population and identifying priorities for increasing resilience through existing community support and development programs
- Develop and prioritize actions and next steps for addressing hazards and community vulnerabilities

## Who Should Attend?

- Regional and county planners, municipal staff and officials, decision-makers, emergency responders, coastal businesses and industry, and community leaders

**To Register:** Send your contact information to:

- Ann Faulds, [afaulds@psu.edu](mailto:afaulds@psu.edu) 215-806-0894. The program is free, but **pre-registration by September 8<sup>th</sup> is required.** A registration confirmation and additional information will be e-mailed. We ask participants to attend both days of the workshop.



## Workshop Planning Committee



Pennsylvania  
Sea Grant



Delaware Valley  
Regional  
Planning  
Commission



NOAA Coastal Services  
Center



Delaware County  
Planning  
Department



DEP Climate  
Adaptation Program



Partnership for  
the Delaware Estuary

DRAFT

## Example Workshop Local Issues (*Delaware County issues will be identified by participants*)

- Preventing or minimizing flooding in low-lying areas (such as roads, emergency services, etc.) as sea level rises.
- Identifying adaptation planning strategies that can provide multiple benefits and result in “no regrets” regardless of the uncertainties in local climate projections.
- Integrating hazards and climate risk considerations and adaptation strategies into local actions policies, codes, programs, and capital investments.
- Identifying impacts of current and projected climate trends (precipitation, temperature, severe storm events, sea level rise) on Delaware County operations.

### Tentative Workshop Agenda

#### ***Wednesday, September 22***

|                      |                                                                                                                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>8:00 – 8:30</b>   | <b>Registration</b><br>Sign-in, pick up materials, coffee & refreshments                                                                                                                                      |
| <b>8:30 – 9:15</b>   | <b>Welcome &amp; Introductions</b><br>An introduction to the workshop purpose, objectives, and participants                                                                                                   |
| <b>9:15 – 10:15</b>  | <b>Delaware County Coastal Issues and Drivers</b><br>An introduction to local issues identified by the local planning team. Participants will also be polled about their concerns. Speakers to be identified. |
| <b>10:15 – 10:30</b> | <b>Break</b>                                                                                                                                                                                                  |
| <b>10:30 – 11:30</b> | <b>Roadmap Process</b><br>An overview of the Roadmap methodology and the tools and information resources available to help municipalities develop their local Roadmap “product”                               |
| <b>11:30 – 12:30</b> | <b>Lunch (Provided)</b>                                                                                                                                                                                       |
| <b>12:30 – 2:00</b>  | <b>Hazard Profile</b><br>Develop the Hazard Profiles that identify key hazards issues and priorities (based on priority hazards and drivers as framed above)                                                  |
| <b>2:00 – 2:15</b>   | <b>Break</b>                                                                                                                                                                                                  |
| <b>2:15 – 4:30</b>   | <b>Societal Vulnerability Profile</b><br>Develop a Societal Vulnerability Profile identifying key social, cultural, and economic vulnerability concerns (for relevant hazards and issues as framed above)     |
| <b>4:30 – 5:00</b>   | <b>Day 1 Wrap-Up</b><br>Summarize and provide the opportunity for participants to share insights                                                                                                              |
| <b>5:00</b>          | <b>Adjourn</b>                                                                                                                                                                                                |

## ***Thursday, September 23***

|                      |                                                                                                                                                                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>8:00 – 8:30</b>   | <b>Arrival, Welcome, &amp; Review</b><br>Participants arrive, return to their break-out groups                                                                                                                                                                                          |
| <b>8:30 – 9:45</b>   | <b>Infrastructure Vulnerability Profile</b><br>Develop the Infrastructure Vulnerability Profile identifying key built environment concerns (for relevant hazards and issues as framed above)                                                                                            |
| <b>9:45 – 10:15</b>  | <b>Infrastructure Vulnerability Profile Report Out</b>                                                                                                                                                                                                                                  |
| <b>10:15 – 10:30</b> | <b>Break</b>                                                                                                                                                                                                                                                                            |
| <b>10:30 – 11:45</b> | <b>Ecosystem Vulnerability Profile</b><br>Develop the Ecosystem Vulnerability Profile identifying key natural resources concerns (for relevant hazards and issues as framed above)                                                                                                      |
| <b>11:45 – 12:15</b> | <b>Ecosystem Vulnerability Profile Report Out</b>                                                                                                                                                                                                                                       |
| <b>12:15 – 1:15</b>  | <b>Lunch (Provided)</b>                                                                                                                                                                                                                                                                 |
| <b>1:15 – 2:00</b>   | <b>Groups Prioritize Actions and Report Out</b><br>Groups will prioritize action items generated during all of the profile discussions                                                                                                                                                  |
| <b>2:00 – 2:25</b>   | <b>Strategic Win-Win Opportunities, Challenges and Barriers</b><br>Develop Strategic Win-Win Opportunities identifying planning and implementation options that can strategically work across the categories to reduce vulnerabilities and provide benefits regardless of uncertainties |
| <b>2:25 – 2:45</b>   | <b>Break</b>                                                                                                                                                                                                                                                                            |
| <b>2:45 – 3:45</b>   | <b>Next Steps for Priority Actions and Take-homes</b><br>Participants will express next steps in action planning                                                                                                                                                                        |
| <b>3:45 – 4:30</b>   | <b>Evaluation and Next Steps</b><br>Summarize and identify next steps and solicit feedback on workshop                                                                                                                                                                                  |
| <b>4:30</b>          | <b>Adjourn</b>                                                                                                                                                                                                                                                                          |

### **Example Workshop Priority Hazards**

***(Delaware County priorities will be identified by participants)***

- Shallow coastal flooding • Storm surge inundation • Salt water intrusion •
  - Erosion • Hazard impacts on waterfront redevelopment •
- Sea level rise impacts combined with other hazards • Climate change •