

2010 Delaware Wetland Conference Program

Status, Trends, and Future Outlook

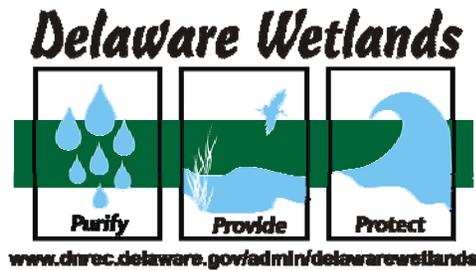
Sheraton Hotel Dover January 20, 2010

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| 8:00 | Registration (lobby) | |
| | Opening Session (Venetian) | |
| 8:30 | Welcome <i>DNREC Secretary Collin O'Mara</i> | |
| 8:45 | Delaware Wetland Status and Trends - 1992 to 2007 <i>Mark Biddle, DNREC</i> | |
| 9:10 | Delaware's Sea Level Rise Initiative: Preparing to Adapt to Changes in Sea Level <i>David Carter, DNREC</i> | |
| 9:30 | Coffee Break (Atrium) | |
| 9:45 | Plenary Presentation Natural And Beneficial Floodplain Functions: Floodplain Management - More than Flood Loss Reduction <i>Dave Fowler, Senior Project Manager Milwaukee Metropolitan Sewerage District & Association of State Floodplain Managers Region V Board Director</i> | |
| #### | Restoring Wetlands in a Watershed Context <i>Amy Jacobs, DNREC</i> | |
| #### | Panel Discussion: What's the future for wetlands in Delaware? What can we do to improve the outlook to ensure that we can continue to benefit from the ecological services that they are providing? <i>Kathy Bunting-Howarth & Laura Herr DNREC, Jayme Arthurs Natural Resource Conservation Service, Ed Bonner Army Corps, and Jen Mihills Delaware Nature Society</i> | |
| #### | Lunch 12:00-1 & Poster Review 12:40-1 (Atrium) | |
| | Session I: Assessment and Outreach (Venetian) | Session III: State of Assessment for Tidal Wetlands (Siena) |
| 1:00 | Environmental Impact of Long Piers on Tidal Marshes: Plant Community and Sediment Characteristics <i>Bruce Vasilas, University of Delaware</i> | Introduction and Goal of Session <i>Chris Bason, Center for the Inland Bays</i> |
| 1:20 | Beyond Restoration - The Russell W. Peterson Urban Wildlife Refuge <i>Tom Moran, DNREC</i> | Application of the Sea Level Rise Affecting Marsh Model (SLAMM) for Prime Hook National Wildlife Refuge Using High Resolution Data <i>Bob Scarborough, DNREC</i> |
| 1:40 | Condition of Non-tidal Wetlands in the St. Jones, Murderkill, and Inland Bays Watersheds <i>Alison Rogerson, Andy Howard, Amy Jacobs, DNREC</i> | Current Developmental Trends in the Tidal Wetlands of the Delaware Estuary <i>Richard T. Field, Kurt R. Philipp, Andrew Homsey, and Young-Heon Jo, University of Delaware</i> |
| 2:00 | Rapid Assessment of Piedmont Slope Wetlands for Water Quality Services <i>Bruce Vasilas, University of Delaware</i> | Inter-annual Variability in Delaware Marshes and the Effects They Show with Sea Level Rise <i>Michael Kearney, University of Maryland</i> |

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| 2:20 | Coffee Break (Atrium) | |
| | Session II: Restoration and Mitigation (Venetian) | Session III cont: State of Assessment for Tidal Wetlands (Siena) |
| 2:40 | Development of the Nanticoke and Chincoteague Wetland Mitigation Bank <i>David Urban, Ecosystem Investment Partners</i> | Utilizing Fixed Station Sedimentation and Elevation Monitoring to Evaluate Delaware's Coastal Wetland Sustainability <i>Bart Wilson, DNREC</i> |
| 3:00 | Wetland and Channel (Tax Ditch) Restoration in Delaware <i>Tom Barthelmeh, DNREC</i> | Marsh Vulnerability Index: Assessing the Health of Delaware's Marshes <i>Drexel Siok, DNREC</i> |
| 3:20 | Wetland Mitigation along the Christina River <i>Bill Morgante, RK&K Engineers</i> | Assessing the Condition of Tidal Wetlands at the Site and Watershed Scale <i>Andy Howard, Alison Rogerson, Amy Jacobs, DNREC</i> |
| 3:40 | Enhancing and Restoring the Nanticoke Watershed <i>Brian Jennings, DNREC</i> | Facilitated Discussion: How can the information from the studies presented be used to frame future research and support management decisions? |
| 4:00 | An Overview of the Wetland Flora of Delaware <i>Bill McAvoy, DNREC</i> | |

4:40 **Informal Happy Hour at the Z Bar near the front entrance of the Sheraton (cash bar)**

| Poster Presentations (Atrium) |
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| LiDAR – The Hopes and Dreams Versus Reality <i>Bob Scarborough and Drexel Siok, DNREC</i> |
| The Mid-Atlantic Coastal Wetland Assessment (MACWA): Introduction and Progress <i>Danielle Kreeger, Partnership for the Delaware Estuary</i> |
| Science-Based Strategies for the Delaware Bay Watershed <i>Kurt Anderson, Ducks Unlimited</i> |
| Applications of Satellite Real-Time Receiving Stations of CRS and CEOE for Wetland Research <i>Jo Young-Heon, University of Delaware</i> |
| Assessment of a Prototype Terrain Mapping Micro-pulse LiDAR for Mapping Marsh Topography and Vegetation Height <i>Richard Field, University of Delaware</i> |



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With permission, presentations will be available online at www.dnrec.delaware.gov/Admin/DelawareWetlands/Pages/DelawareWetlandsConference2010.