Agenda
Northeast Regional Operational Workshop XV
Albany, New York
Wednesday, November 12, 2014

9:30 am
Welcoming Remarks
Raymond G. O’Keefe, Meteorologist In Charge
Warren R. Snyder, Science & Operations Officer
National Weather Service, Albany, New York

Session A – Cold Season Topics

9:40 am
The Effects of Downsloping on Storm Precipitation Distributions in the Capital District of New York State
Kyle Pallozzi
Department of Atmospheric and Environmental Sciences
University at Albany, State University of New York, Albany, New York

10:05 am
Modification of Long-Axis Lake-Effect Snow Bands Associated with Landfall and Orographic Uplift: Results from a profiling radar network deployed during OWLeS
Ted Letcher
Department of Atmospheric and Environmental Sciences
University at Albany, State University of New York, Albany, New York

10:30 am
Using the Froude Number to Improve Orographic Snow Forecasts in the Green Mountains of Vermont
Michael Muccilli
NOAA /NWS Weather Forecast Office, Burlington, Vermont

10:55 am
Verification of Storm Prediction Center Winter Weather Mesoscale Discussions
Christopher McCray
Lyndon State College, Lyndonville, Vermont

11:20 am
The Icy Nightmare Before Christmas
Robert Kuhn
Ontario Storm Prediction Centre, Environment Canada, Toronto, Ontario, Canada

11:45 pm - Lunch
Session B – Modeling

1:45 pm
An Alternative Gridded Verification Scheme: Zone-Based Snowfall Verification
Joseph P. Villani
NOAA/NWS/Weather Forecast Office, Albany, New York

2:10 pm
Brian A. Colle
School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

2:35 pm
Enabling Advanced Weather Modelling and Data Assimilation for Utility Distribution Operations
Anthony P. Praino
IBM Thomas J. Watson Research Center, Yorktown Heights, New York

3:00 pm
Observed and Simulated Multi-bands in Northeast U.S. Winter Storms
Sara A. Ganetis
School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

3:25 pm
Evaluation of WRF PBL Schemes in the Marine Atmospheric Boundary Layer over Coastal Southern New England Waters
Matthew J. Sienkiewicz
School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

3:50 pm - Break

4:15 pm
Using an Ensemble Kalman Filter to Explore Model Performance on Northeast U.S. Fire Weather Days (via GoTo Meeting)
Michael Erickson
School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York
4:40 pm
A Multiple Linear Regression Approach for Storm Surge Predictions in the NY/NJ Bight
Keith J. Roberts
School of Marine and Atmospheric Sciences, Stony Brook University, Stony Brook, New York

Session C – Blender Projects

5:05 pm
The New England Blender Project
Paul A. Sisson
NOAA/NWS, Weather Forecast Office, Burlington, Vermont

5:30 pm
An Overview of the National Blend of Global Models Project
Jeff S. Waldstreicher
NOAA/NWS Eastern Region Headquarters, Bohemia, New York

5:55 pm – Closing Comments, Logistics
Warren R. Snyder
NOAA/NWS Weather Forecast Office, Albany, New York

6:00pm - Adjourn
Session D – Warm Season Topics/Convection

8:30 am
An Examination of the 22 May 2014 Duanesburg, New York, Unexpected Tornadic Supercell
Brian Tang
Department of Atmospheric and Environmental Sciences
UAlbany, State University of New York, Albany, New York

8:55 am
A Radar-Scale Analysis of Three Tornadic Thunderstorms in the Albany County Warning Area during 2014
Brian J. Frugis
NOAA/NWS Weather Forecast Office, Albany, New York

9:20 am
An Assessment of Local Forecaster’s Ability to Anticipate Convective Event Severity and Magnitude using the Hazardous Weather Outlook product at WFO Binghamton, New York
Michael Evans
NOAA/NWS Weather Forecast Office, Binghamton, New York

9:45 am
Radar Characteristics of the 13 August 2014 Portland, Maine Flash Flood Event
John Cannon
NOAA/NWS Weather Forecast Office Gray, Maine

10:10 am – Break

10:35 am
A Review of the Historic Long Island Flooding on 13 August 2014
David Stark
NOAA/NWS Weather Forecast Office, Upton, New York

11:00 am
Using SPC Slight Risk Convective Outlooks to Identify Cases with Low Predictive Skill over the Northeast
Matthew Vaughan
Department of Atmospheric and Environmental Sciences
UAlbany, State University of New York, Albany, New York
11:25 am
A Case Study of the Revere, MA Tornado of July 28, 2014
Matthew L. Doody
NOAA/NWS Weather Forecast Office, Taunton, Massachusetts

11:50 pm
What the Hail is Going On? A Comparison of 3 Recent Anomalously Large Hail Events that Impacted the Albany Forecast Area
Thomas A. Wasula
NOAA/NWS Weather Forecast Office, Albany, New York

12:15 pm - Lunch

Session E – General Session

2:15 pm
Proposed Changes in the Winter Weather Forecasts at the Weather Prediction Center (WPC), and New Experimental Forecasts
Dan Petersen
NOAA/NWS National Centers for Environmental Prediction
Weather Prediction Center, College Park, Maryland

2:40 pm
Forecasting Surface Wind Gusts in Positively Stable Environments
Brian LaSorsa

3:05 pm
The New York State Mesonet
J. Brotzge
Atmospheric Sciences Research Center, Albany, New York

3:30 pm
Using Ensemble Models to Develop a Long-Range Forecast and Decision Making Tool
Brandon Hertell

3:55 pm - Break

4:15 pm
Improving Decision Support Services for the Tri-State Area
Nelson Vaz
NOAA/NWS Weather Forecast Office, Upton, New York
4:40 pm
Using NOAA-Atlas 14 Return Periods to Aid in Flood Forecasting
Charles Ross
NOAA/NWS  Weather Forecast office,  State College, Pennsylvania

5:05 pm
Patterns of Historic River Flood Events in the Mid-Atlantic Region
Richard H. Grumm
NOAA/NWS Weather Forecast Office, State College, Pennsylvania

5:30 pm
An Overview of the Northeast River Forecast Center’s Use of Daily Rainfall
Observations from the Community Collaborative Rain, Hail & Snow Network
( CoCoRaHS )
Ronald Horwood
NOAA/NWS Northeast River Forecast Center, Taunton, Massachusetts

5:55 pm - Wrap Up
Warren R. Snyder

6:10 pm
Adjourn

7:00 pm
CSTAR Dinner at Buca di Beppo Italian Restaurant
44 Wolf Road, Colonie, New York

NROW XVI is scheduled November 4-5, 2015
At the Nano South Conference Center, Room 103, 255 Fuller Road
On the Campus of the College of Nanoscale Science and Engineering
State University of New York, Albany, New York