Séminaire mardi le 10 mai 2016 11:00 / Seminar Tuesday May 10th 2016 11:00h

Sujet/Subject: Recent Developments in MDL's Statistical Post-Processing of NWP.

Langue/language : Anglais/English

Conférencier/Lecturer: Matthew Peroutka (Chief,Statistical Modeling Branch, Meteorological Development Laboratory, NOAA/National Weather Service)

Résumé/Abstract:

The National Weather Service (NWS) plans to change the way we serve our users and partners over the next few years. Much of this is described in our strategic plan, *Weather-Ready Nation Roadmap*. MDL is responding to these new challenges with a number of statistical post-processing (StatPP) initiatives. The National Blend of Models (NBM) is a rather new NWS initiative, and it will have substantial impact on the way the NWS's National Digital Forecast Database (NDFD) is produced. MDL continues to pursue our core business of creating StatPP guidance from a variety of NWP systems both domestic and foreign. MDL plans to redesign the software infrastructure we use for StatPP, using an open source community-driven software development model. The outlines of this Weather Information Statistical Post-processing System (WISPS) are now coming into focus.