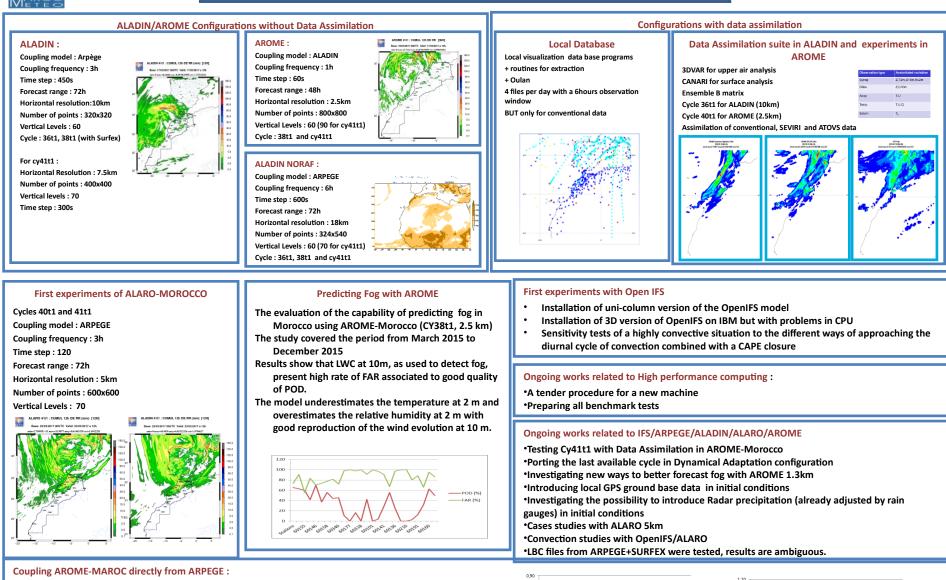


Status of Numerical Weather Prediction in Morocco

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The Bais and RMSE scores calculated for the months of January and July 2016 showed that the coupling of Arome with Arpège allowed a slight improvement in the prediction of the temperature and humidity fields at 2 meters. In addition, the wind strength at 10 meters improved considerably during the first three hours.

For precipitation, the results obtained show that the coupling of Arome with Arpège generally reduces false alarms and a slight improvement in detection of low rainfall, but for the detection of strong rains, the coupling with Aladin remains significantly better.

