

**Séminaire 2 Decembre 2011 10h45min /Seminar December 2<sup>nd</sup> 2011 10h45min**

**Conférencier/Lecturer:** Ismail Gultepe and William Burrows  
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**Sujet/Subject:** Fog - Observing, Parameterizing, and Forecasting.

**Présentation/Presentation:** Anglais / English

**Lieu/Room:** Salle des vents (Dorval)

**wiki:** [https://wiki.cmc.ec.gc.ca/wiki/RPN\\_Seminars](https://wiki.cmc.ec.gc.ca/wiki/RPN_Seminars)

**iweb:** <http://web-mrb.cmc.ec.gc.ca/mrb/rpn/SEM/>

**web:** <http://collaboration.cmc.ec.gc.ca/science/rpn/SEM/index.php>

In this talk the following topics will be discussed: 1) analysis of fog observations that were collected during several FRAM (Fog And Remote Sensing) field projects; 2) microphysics parameterizations that are potentially suitable for application to forecasting models and satellite applications and 3) post-processing of GEM model output for application to fog forecasting. In addition the relationships between ice nucleation, cold fog formation and the existence of small ice crystals will be explored related to a proposed FRAM project that will take place in northern latitudes.