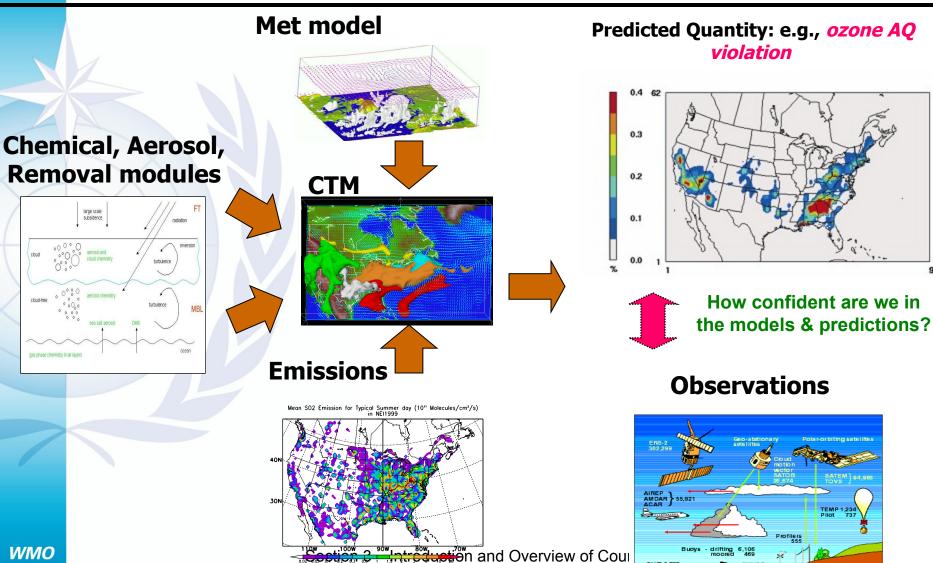


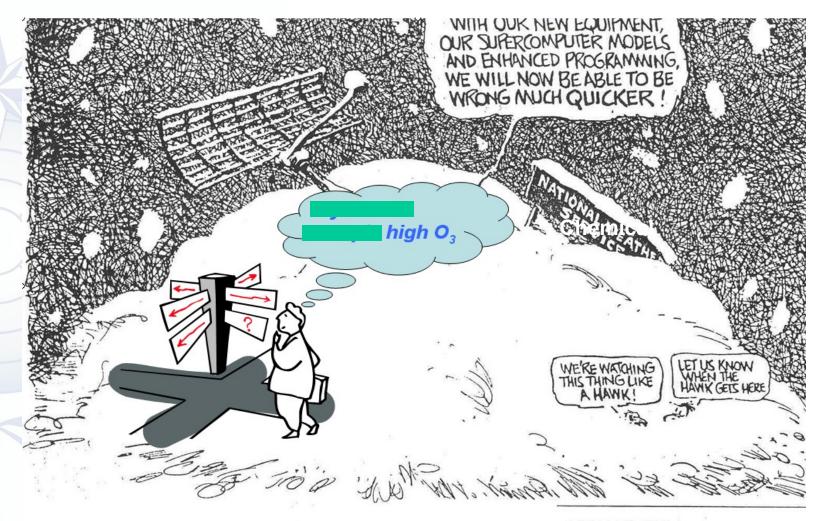


# Introduction and Overview of Course

#### Air Quality Modeling: Improving Predictions of Air Quality (analysis and forecasting perspectives)



## Air Quality Forecasting

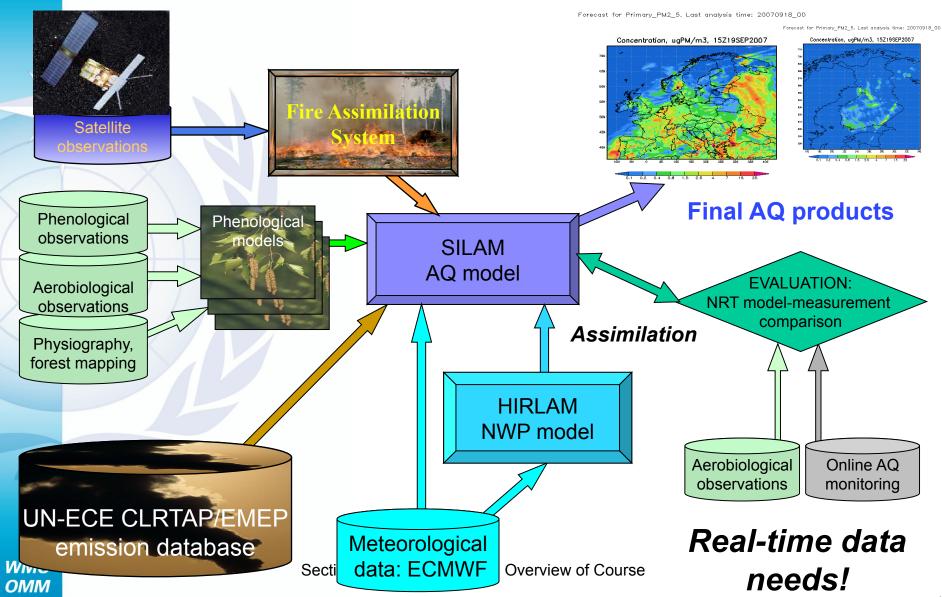


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#### **AQ Modeling Is A System**

Many Meteorological Services Already Supply Operational Chemical Weather Products (e.g., FMI)





## **Audience for Course**

- Decision makers
  - Overview of air quality analysis & forecasting
  - Uses of air quality models and general steps to develop/improve an air quality modeling program
- Meteorologists and forecasters
  - Overview of air quality emissions and chemistry
  - Discussion of tools used to forecast air quality
- Air quality scientists
  - Introduction to varies tools and techniques in air quality analysis

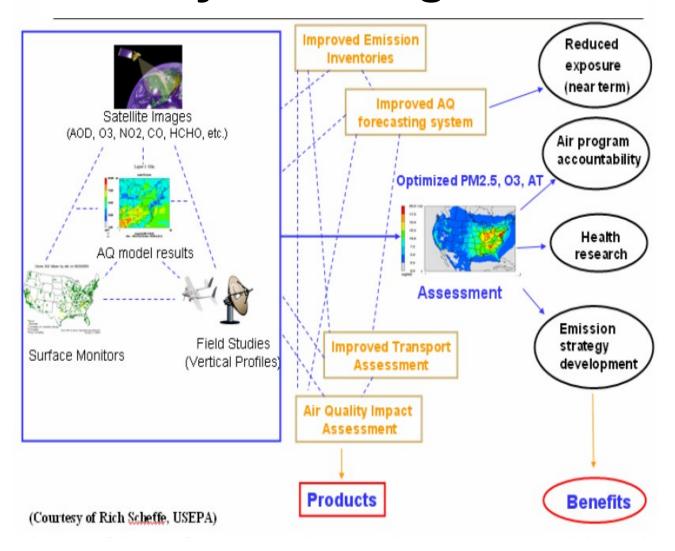


### **Day-by-Day Guide**

- Monday
  - AQ fundamentals
- Tuesday
  - Meteorological Modeling WRF
- Wednesday
  - WRF/Chem
- Thursday
  - WRF/Chem
- Friday -applications
  - Forecasting, evaluation, impacts, management



## Summary of Course – Introduction to Air Quality Modeling





Section 3 – Introduction and Overview of Course