

**EMRAS II, Theme 3:
Approaches for Assessing Emergency Situations**

**Working Group 9
Urban Areas Working Group**

Kathleen Thiessen, WG Leader

24–28 January 2011

Vienna

WG participants

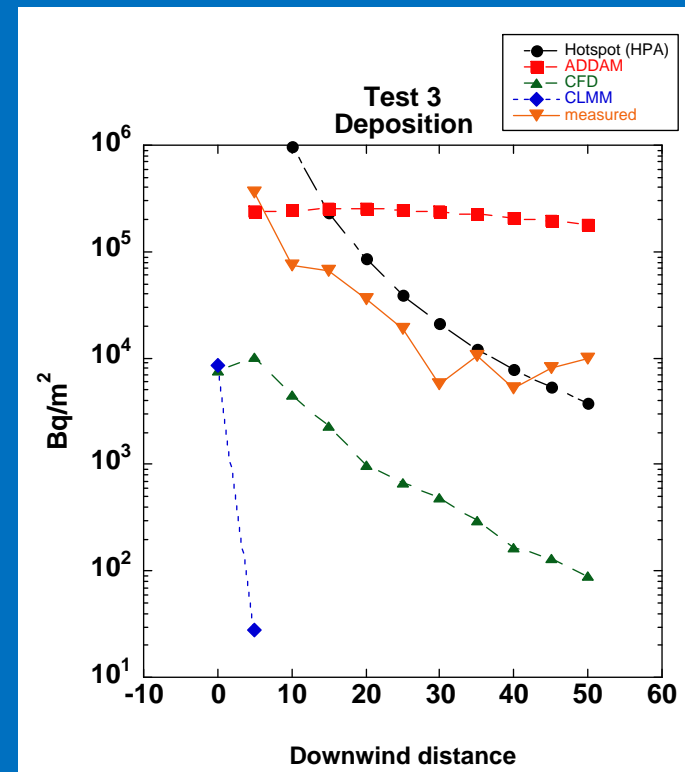
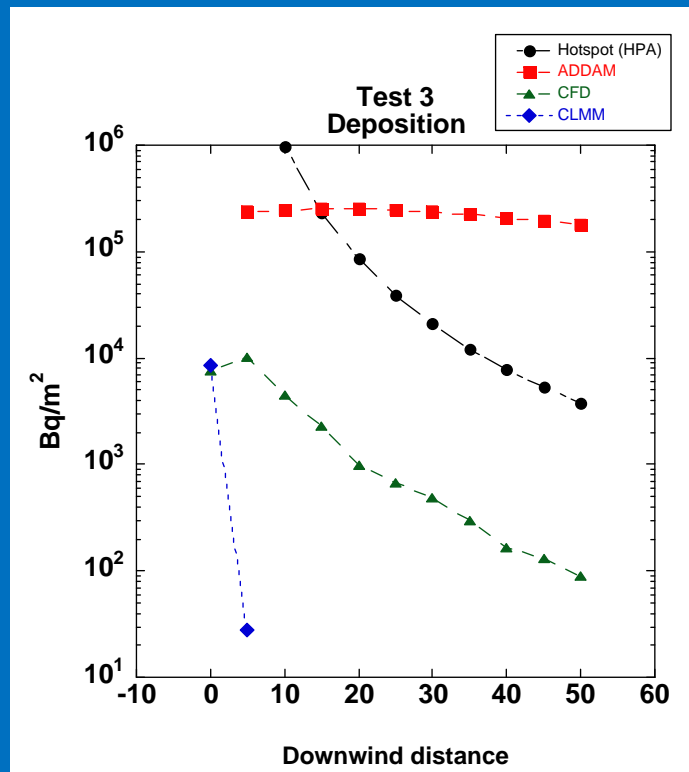
- **26 persons participating this week**
- **3- 9 modellers for each exercise**
- **19 countries represented:**
 - Austria, Belarus, Canada, Croatia, Cuba, Czech Republic, Denmark, Finland, France, Germany, Hungary, Iran, Italy, Korea, Netherlands, Slovakia, Spain, United Kingdom, United States**

Progress this week

- **Discussion of results for all three modelling exercises**
 - Atmospheric dispersion, short-range
 - Atmospheric dispersion, mid-range
 - Contaminant transport and countermeasures
- **Discussion of plans and schedules**
 - Finishing the exercises
 - Preparation of WG report
 - Possible exercises for new IAEA program
- **Preliminary plan for interim meetings of subgroups:**
 - 15-17 June 2011, Ontario
 - September 2011, Vienna

Atmospheric dispersion, short-range

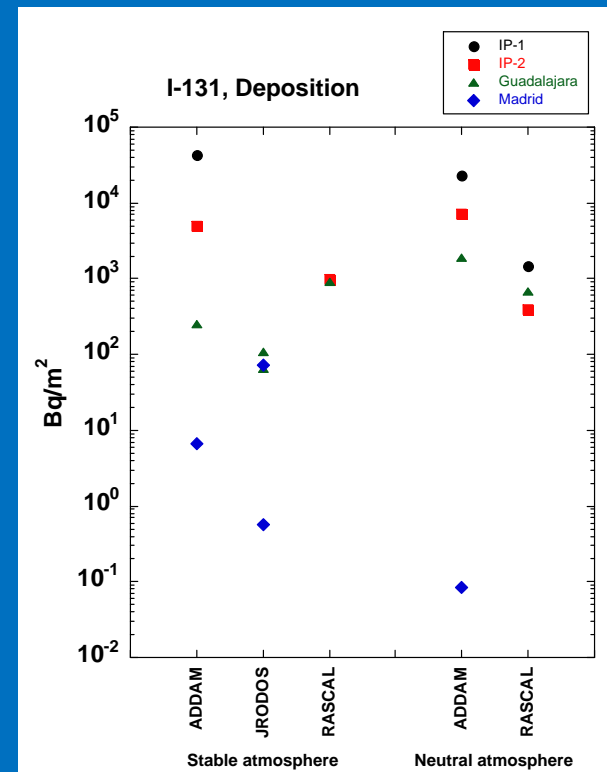
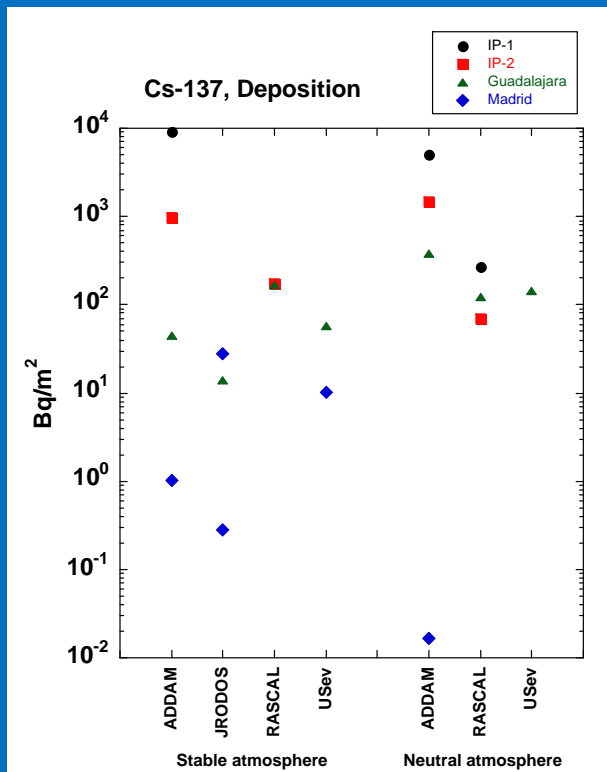
- Calculations from 8 participants
- Preliminary comparison of predictions with measurements



An additional participant is modelling the source term from deposition measurements

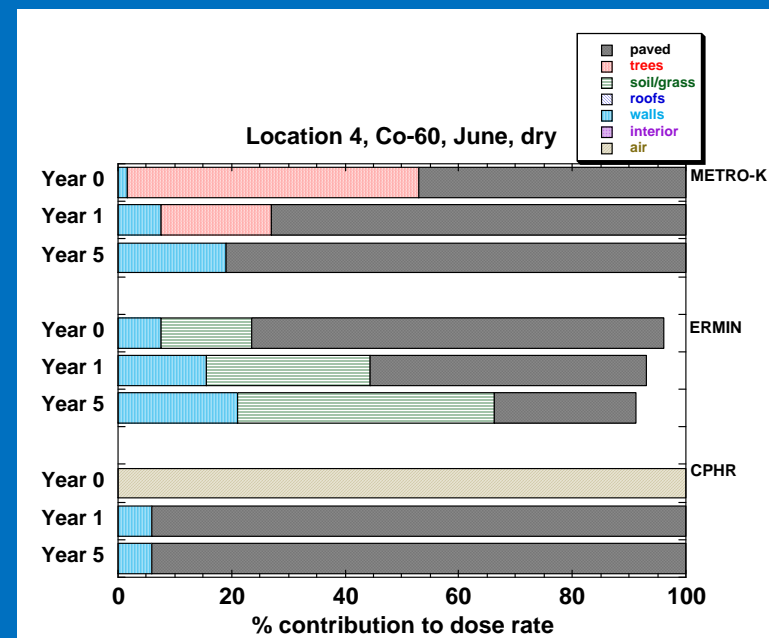
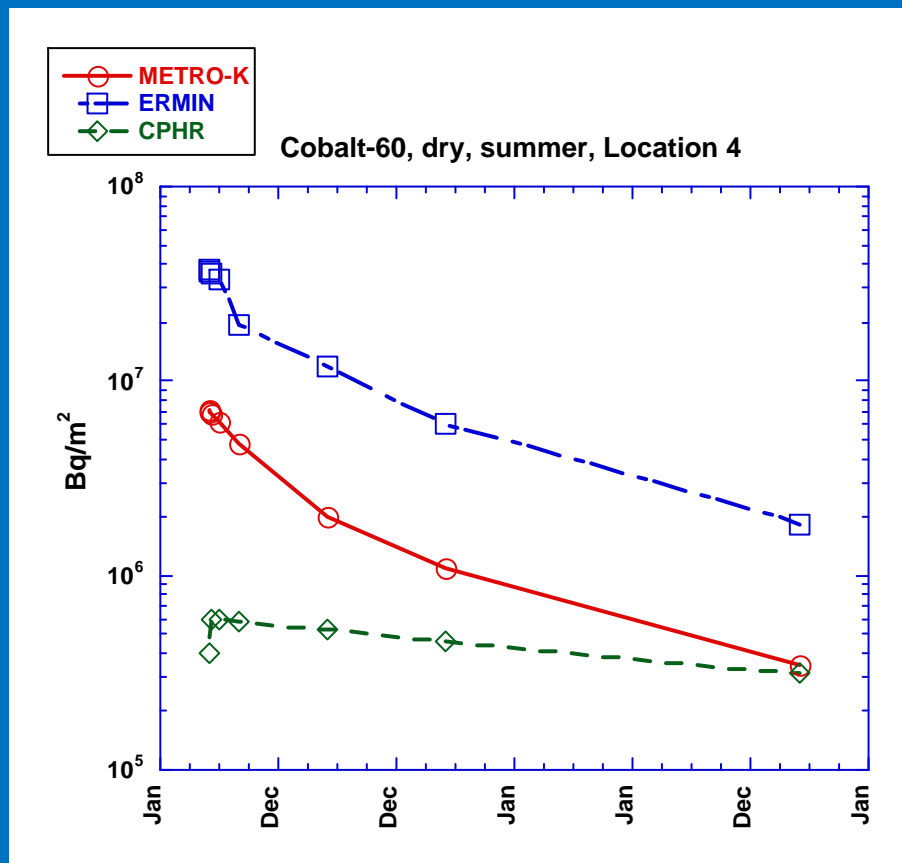
Atmospheric dispersion, mid-range

- Calculations from 5 participants



Contaminant transport and countermeasures

- Calculations from 3 participants



Contaminant transport and countermeasures

