

# **Minutes of the COST 715, WG3 Meeting**

**Copenhagen, 17-18 January, 2000**

**Participants:** Jaakko Kukkonen (chair), Laszlo Bozo (rapp.), Zoltan Dunkel (COST Secr.) Alix Rasmussen, Alexis Coppalle, Sandro Finardi, Erik Berge, Leiv Havard Slordal, Renato Antero da Costa Carvalho, Rosa M. Salvador, Ranjeet Sokhi, Doug Middleton, Alexander Baklanov (guest), Millan Millan (guest), Krzysztof Olendrzynski (guest) and Barbara Fay (guest).

## **1. Welcome of participants**

The chairman welcomed all participants and thanked Alix Rasmussen and Alexander Baklanov (DMI) for their thorough work in hosting the meeting.

All participants introduced themselves briefly. Some new participants and some guest participants were present. UK (Ranjeet Sokhi and Doug Middleton) and Germany (Barbara Fay) were represented for the first time in this WG.

Apologies for not being able to attend the meeting had been received from Guy Schayes and Francois Bompay.

## **2. Adoption of agenda**

The agenda was accepted with one change: „Short term scientific missions etc.” were transferred after „Workplan”.

## **3. Adoption of minutes of the second WG3 meeting in Rouen**

The first and second (brief) meetings of the WG3 were kept in Hamburg (February 1999) and in Rouen (October 1999). This is the first two-day meeting of this WG.

The minutes of the WG meeting in Rouen were accepted without any changes.

## **4. Update of the list containing the complete addresses of participants**

The participant list was circulated for updates and revisions. It was decided that the updated list will be attached to these minutes (Appendix 1).

Further revisions to the participant list should be e-mailed to Zoltan Dunkel.

## **5. Discussion of the WG3 Status Report**

The chairman had e-mailed the latest version of the Status Report (SR) for all participants before the meeting. The SR now includes contributions from all the participating 10 countries. This meeting discussed further revisions, printing and dissemination of the report.

Some contributions do not contain all of the requested information. The representatives of Denmark, Portugal and Spain promised to provide new information to the SR.

It was decided to print SR as an official COST publication (300 - 400 copies). The final published version will also be transferred to the COST www pages.

Participants agreed to send their national mailing lists, for dissemination of the printed SR, to the COST Secretary. M. Millan suggested that the COST organisation would disseminate the SR's directly to these addresses, as this would be more influential. This suggestion was accepted.

It was decided that the SR will also contain an executive summary and one good-quality figure in each country report. The maximum length for the text in a country report is five pages. The chapter „comments” will be replaced by a new chapter „conclusions”.

It was agreed that the representatives of all participating countries will send the final written pages (maximum five pages), one figure, figure caption and a half-page contribution to the executive summary to the WG Chairperson, latest on 15 March, 2000. The chairperson will send more detailed instructions on file formats etc. in due time before the dead-line.

The chairperson will subsequently compile the executive summary, based on the national contributions. The chairperson will send the final manuscript to arrive at the COST Secretariat latest on 1 May. The printed SR will be disseminated for the first time at the forthcoming COST MC meeting in Prague on 15-16 June, 2000.

## **6. Discussion on Working Plan**

Working plan was discussed in detail. The following main issues were agreed:

1. Identification of air pollution episodes in European cities
2. Assessment of present meteorological approaches for urban air pollution (UAP) models
3. Evaluation of different operational meteorological forecasting systems for air pollution episodes in urban areas
4. Improvement and evaluation of simulation of urban meteorology in numerical weather prediction (NWP) models
5. Improvement of meteorological preprocessors and development of interfaces from NWP to UAP models

6. Estimation of sensitivity of UAP models to uncertainties of the meteorological input
7. Implementation and demonstration of improved urban air quality information systems (UAQIS) to end-users.

It was agreed that the structure above could be a basis for a EU Framework Programme V proposal for „City of Tomorrow and Cultural Heritage”. Alexander Baklanov took the responsibility to lead the proposal.

## **7. Short term scientific missions, study contracts, invited experts**

The COST secretary informed on possibilities for applying COST funding for specific purposes.

## **8. Report on symposia related to the topics of WG3**

The related future symposia and meetings were discussed.

## **9. Date and place of next meeting**

The next meeting will be in September 2000 in Valencia, Spain. The exact dates have to be fixed and reported to the COST organisation at least three months in advance.

21 February 2000,

Laszlo Bozo

Jaakko Kukkonen

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**'Meteorology during Peak Pollution Episodes'**

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