

W80 / RILEM TC175-SLM - Prediction of Service Life of Building Materials and Components

This is a joint Group with RILEM and 16 participants from 12 countries were present at its meeting on 5th June 1998 in Gävle.

The Work Programme for 1997 - 1999 was reviewed and a Report on the activities of the Groups was given.

It was announced that there was a delay in concluding the "Guide". While there still are several key contributions not submitted for reviewing and editing, the action plan had had to be revised: the Guide will be split into two parts, of which the first should be concluded during 1998 and the second at a later date. The second part will contain the section of the Guide dealing with materials and the first part the remaining sections as originally planned.

Svein Haagenruud reported on the work of the Task Group on Damage Functions and Environmental characterisation. In addition, he presented his future plans where he pointed to the need for liaison with the "pollution people" in the area of environmental standardisation, and specifically mentioned CIB TG23. He emphasised that there was still a significant need for methodology development in the research area, which ought to be undertaken first of all.

Certain work items will encompass:

- Elaboration of guidelines for dose-response and damage functions
- Review of test sites
- Organisation, links and liaisons
- Terminology
- Literature review

Per Jostein Hovde reported on the work of the Task Group on Factorial Methods. A state-of-the-art report was required.

Certain work items will encompass:

- Completion of a state-of-the-art report
- Availability of data
- Definition of data needs

Mr. Hovde also mentioned five projects or work where the factor method was planned to be implemented. In Australia, Stewart Burn and Ian Cole will investigate the feasibility and the limitations of the method. Mr. Hovde said that the factor method should first of all be considered as a tool for designers to enable a rough estimate to be made of the service life under certain conditions in relation to what could be expected under other conditions, and to ensure that all relevant factors were taken into account.

No updated report from the Task Group of Information Technology was available. However, Stewart Burn described the present situation and the potential for the future as regards formatting, accessibility and standardisation of data bases, in Australia as well as internationally.

A central issue for W80 will be: What data and how best to use it?

As concerns the Task Group on Reliability and Probabilistic Methods it was reported that its members would be making a significant contribution to the Gävle Programme.

8DBMC

The Coordinator, Michael Lacasse told the meeting that things were looking good for the 8th International Conference in 1999 with up to now over 100 abstracts having been submitted.

Liaison with ISO

It was reported that ISO TC59/SC3/WG9 - Design Life of Buildings, established 1993, had been elevated to the subcommittee level as TC59/SC14.

Other Items

Michael Lacasse gave an update on his work to produce a CD ROM, where all abstracts published in the proceedings from all DBMC conferences will be included and fully searchable. Up to now the first four out of the seven conferences arranged so far have been concluded.

It was also decided that in the future, first of all the information will be sent by e-mail with a request to confirm the delivery manually, and then, in case when no confirmation is returned, the information will be sent out as hard copies by ordinary mail, as to those for which no e-mail addresses are available.

The W80 Home Page Address is:

<http://www.nrc.ca/irc/cibw80>

Next Meeting

The next meeting will be held in conjunction with the 8th International Durability Conference in Vancouver, in 1999. The actual date will be Friday 4 June, 1999.