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# 4. Report by the Editorial Committee of IABSE

#### IABSE PERIODICA 1980 - a review

The total volume of the Periodica 1980 contains 512 pages published in 26 separate booklets, i.e.:

- 4 booklets of the series IABSE SURVEYS;
- 2 booklets of the series IABSE JOURNAL treating topics of construction management;
- 12 booklets of the series IABSE PROCEEDINGS; the contributions being chosen from numerous manuscripts sent in for consideration by members of IABSE;
- 4 booklets of the series IABSE STRUCTURES containing short descriptions of modern structures, and
- 4 booklets of the series IABSE BULLETIN informing various activities of our association.

With respect to the series SURVEYS and JOURNAL, the number of published pages is slightly below the budget. This is due to the lack of good contributions. Nevertheless, the Editorial Committee hopes that the contents of the IABSE PERIODICA has met the varied interests of the members of IABSE.

### IABSE PERIODICA 1981 - an outlook

For 1981 a total of 550 pages are scheduled to be published in about 28 booklets. The Editorial Committee will do its best to improve the quality of the contributions. Of course, this is only possible with a good collaboration on the part of the members of IABSE, the Working Commissions and Task Groups.

For the series IABSE SURVEYS the papers mentioned below are under preparation. Following the title, the author's name is indicated. The name of the person in charge of the coordination of the work is given in brackets.

- Strength of Concrete under Multiaxial Loading, Bouma (R. Favre)
- Industrial Cranes, Neugebauer, Gehri (J. C. Badoux)
- Steel Structures-Design for Fire, Brozzetti, Witteveen, Petersen (J. C. Badoux)
- Dynamics of Concrete Railway Structures, Machida (R. Favre)
- Dynamics of Concrete Buildings, Takizawa, Umemura (R. Favre)
- Formwork Launching Girders, Turnherr (J. Schneider)
- Building Physics in Structural Engineering, Gertis, Lang, Sagelsdorff (K. Gertis)
- Experience with Use of Weathering Steels in Bridges and Buildings, Fisher, et al. (J.C. Badoux)
- Box Girder Bridges, Schlaich (R. Favre)
- Guidelines for Aesthetics, Leonhardt (F. Leonhardt)
- Protection against Corrosion of Cables of Cable-Stayed Bridges, Brown (J.C. Badoux)
- Assessment, Strengthening, Stiffening and Repair of Existing Reinforced Concrete Structures, Warner (R. Favre)
- Fastening Techniques in Concrete, Rehm (R. Favre)

- Soil-Structure Interaction, WC I (E. Gehri)
- Welding Techniques, Bischop, Fisher (J.C. Badoux)
- New Developments in Plate and Box Girders with Respect to Buckling, Dubas, Massonet, Skaloud (J. C. Badoux)
- Wind Engineering, Ito (E. Gehri)
- Modern Truss Design, WC II (J.C. Badoux)
- Serviceability of Steel Structures, WC II (J.C. Badoux)
- Earthquake Engineering for Practising Engineers, WC I (E. Gehri)

Anybody who feels able to assist in the preparation of the above mentioned surveys or who would like to propose new themes or to make any suggestions is requested to refer to the secretariat of IABSE.

The series IABSE JOURNAL would be the right place for the publication of articles on planning and construction management. The Editorial Committee invites all members working in these fields to summarize their specific experiences and to submit a contribution. Certainly, such contributions would make the Periodica more attractive to its readers. We hope to receive a number of valuable contributions to this series so as to enable us to make a good choice.

The series **IABSE PROCEEDINGS** is well supported by submitted contributions. Still, more articles referring to the practical side of engineering activities would be welcome.

Regarding IABSE STRUCTURES, the themes for 1981 have been fixed and published in the issue C-15/80. We especially point to the planned issue C-18/81 "Recent Structures" and C-19/81 "Harbour Structures" to be published in August 1981 and November 1981 respectively, the editorial deadline being March 1, resp. June 1, 1981. We look forward to many good contributions.

## A new Rubric: Lessons from Structural Failures

The Editorial Committee has decided to provide reasonable space in the IABSE BULLETIN for the description of structural failures and incidents and respective considerations on how these could have been avoided

We are aware of and quite well understand the reasons why useful information on structural failures is held back by those involved. Nevertheless, we also know that progress is based on better insight into such events. We therefore hope that this new rubric is going to be a valuable place for the exchange of experience between the members of our Association.

We hope for many contributions. We assume that about one page would be sufficient for each case study. Names, places and other identification may be left out if the author so desires. However, the author's name would be stated. Contributions are welcome and should be sent to the Secretariat.

(Jörg Schneider Chairman, Editorial Committee)