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XXVI Congress of International Association of Theoretical and Applied Limnology

1995

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Anhembi Conventions Center
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ABSTRACTS



Meeting of River Solimões and River Negro (Amazon)

**Simultaneous event:
V Brazilian Limnological Congress (SBL)**

INTRODUCTION

The abstracts of this book were reproduced by scanning the original, when it was possible and they were in the established pattern. Abstracts that were sent by FAX or without conforming with the pattern were retyped. We are aware that some unavoidable mistakes may have occurred, therefore we ask for your understanding.

The abstracts for oral presentation were grouped according with the sessions organized by the Congress and placed in alphabetical order of room (except for the Baldi, Kilham and Plenary Lectures). For each session the abstracts are enumerated in order of paper presentation.

The codes at the side of each abstract and at the titles of Contents indicate place (room), day of presentation, period of presentation in the day and order of paper presentation. Example: E-M-am-4 = room E, Monday, morning and fourth presentation.

The abstracts for posters have a code that indicate the row number, followed by the day of presentation and sequential number of paper. Example: II - Th - 4.

You may refer to the session title in the Contents or Author Index at the end of this book to find any given abstract. In the Author Index the name of author that will present the paper is underlined (whenever this information was available): A = first author, CoA = co-author.

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A HYDROLOGICAL STUDY OF "OIKE SPRINGS". OITA. JAPAN

Oike Spring Area is in a mountain forest of Aso-Kuju National Park above 800m m.s.l. in Oita prefecture, Japan. Water temperature of the several springs is at constant level of 12.6 to 13.6°C throughout a year. Total discharge rate amounts to about 30m³/min in annual average, and shows seasonal variations with amplitude at about 4m³/min and phase lag behind the precipitation at about two months. Great amount of precipitation at about 3000mm/year and thick deciduous forest over the catchment area play an important role in developing the springs.

K-Th-am-4 Liren Yu^{1,3}, A. M. Righetto¹, Shaolong Xo² and Zhaoquan Geng². ¹Dept. of Hydraulics and Sanitary Engineering, São Carlos School of Engineering, The University of São Paulo, Brazil. ²Zhejiang Institute of Estuarine and Coastal Engineering Research, Hangzhou, China. ³Visiting Professor supported by FAPESP.

A MIXED TWO- AND THREE-DIMENSIONAL NUMERICAL SIMULATION OF TIDAL FLOW IN THE HANGZHOU BAY

In this paper, a mixed, two- and three-dimensional numerical simulation for understanding the current patterns in the Hangzhou Bay, China, is reported. The results of the numerical simulation have been directly applied to the intake structure design of the water cooling system of an electric power plant.

