



INTERNATIONAL WATER RESOURCES ASSOCIATION

SEMINAR ON  
CONTRACTING AND CONSTRUCTION OF LARGE  
AND SMALL SCALE HYDRAULIC WORKS

ROME - ITALY, SEPTEMBER 7-12, 1987

**P R O C E E D I N G S**

Edited by

ASSOCIAZIONE IDROTECNICA ITALIANA

PUBLISHED WITH THE FINANCIAL CONTRIBUTION OF THE  
ITALIAN MINISTRY OF FOREIGN AFFAIRS,  
DIRECTORATE GENERAL FOR DEVELOPMENT AND COOPERATION

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## INTRODUCTION

by

CARLO LOTTI

President of Associazione Idrotecnica Italiana  
(Italian Hydrotechnical Association)

It is a pleasure for me, on behalf of the Italian Hydro technical Association, to give a warm welcome to the participants at the meeting on "Contracting and Construction of Large and Small Scale Hydraulic Works".

Our official language is English, but because of many requests, we have provided simultaneous translations in Italian and English, not only for this morning, but for all the Sessions. I hope that this will be useful for the discussions.

The theme of this meeting is very important.

Everyone knows that to obtain successful results we need a good project and good execution.

But what does "good project" mean?

A good project is not only a set of drawings, but a study which is strictly connected to the methods and risks of execution.

On the other hand, for a good execution we need good contractors, assisted by a good contract.

Sometimes it is more difficult to prepare tender documents for a contract than to calculate the structure by finite elements.

Unfortunately, a great many people have thought about the finite elements of hydraulic calculations, but very few about the contractual form, risk of execution, role of engineering, and so on.

This meeting is an attempt to do this, and I hope that on another occasion we shall have the possibility of a follow-up.