

ICOLD 2022 Workshop

WATER MANAGEMENT FOR DAM CONSTRUCTION AND REHABILITATION

Combined Committee E and M

10:30 to 12:30 28 May 2022

Bulletin, 48A - River Control During Dam Construction - 1986, focuses generally on large, new dams. The body of the bulletin presents types of diversion, including cofferdams, methods of construction (how to start a cofferdam in a larger river) and a bit on selection of the return interval flood for design. There is considerable text of country practice with many examples from several countries (in annex). A new bulletin is planned with more focus on more current topics, such as dam rehabilitation and risk assessment / responsibility allocation, as well as on selecting criteria for design, updated construction materials, and installation techniques. The new bulletin may be an update of 48A or a new bulletin. The working group is a combination of members from Committees E and M. This workshop is to encourage interaction with a large group to assist the working group in furthering development of the document.

AGENDA

INTRODUCTION TO WORKSHOP

CONTRACTUAL OBLIGATION

DESIGN RESPONSIBILITY

COFFERDAM DATA EVALUATION

RISK ASSESSMENT

PROFESSIONAL REQUIREMENTS

COFFERDAM MATERIALS AND CONSTRUCTION AND DAM TYPES-CASE STUDIES

CASE STUDY 1

CASE STUDY 2

CASE STUDY 3

FACILITATED DISCUSSION WITH PARTICIPANTS

SUMMARY AND CLOSING