

Preface

This volume embraces a variety of research studies presented at the 32nd International School of Hydraulics *Experimental and computational solutions of hydraulic problems*. The papers that were accepted by the International Scientific Committee cover a wide range of subjects and research methods. They embody a mix of theory and practice, planning and reflection participation, and observation to provide the rich diversity of perspectives represented at the conference.

As is often the case, speakers had limited time in which to present their work at the conference and so the papers contained in this volume showcase the details of their research, approach, and outcomes. The authors represent a continuum from those with a record of research history in hydraulics up to those who have only very recently started to explore in this area, each with the benefits of their unique perspective. Particularly important to this volume is the invited comprehensive papers prepared by the internationally recognized indisputable authorities in particular fields of hydraulics. The keynote speaker at the meeting was Professor Donald W. Knight, whose research career over the years was associated with the Department of Civil Engineering of the University of Birmingham, United Kingdom. He prepared an excellent overview of hydraulic problems related to flooding. Professor Subhasish Dey from the Department of Civil Engineering, Indian Institute of Technology, India, together with S. K. Bose and O. Castro-Orgaz discussed the problems of hydrodynamics of undular free surface flows. Two Italian noble researchers highly enriched both the conference and the book: Professor Roberto Gaudio from the Soil Protection Department “Vincenzo Marone”, University of Calabria (with coauthorship of S. Dey) with his contribution

Experimental and Computational Solutions of Hydraulic Problems

32nd International School of Hydraulics

Rowiński, P. (Ed.)

2013, XVI, 425 p., Hardcover

ISBN: 978-3-642-30208-4