

## A Strong Editorial Board

Pierre Julien  
Editor

The number of articles published in the ASCE *Journal of Hydraulic Engineering* reached 151 this past year. There could not be a better way to celebrate the sesquicentennial year of ASCE. However, the increasing pressure on the Associate Editors has prompted me to enlarge the Editorial Board in preparation for the upcoming challenges. This editorial acknowledges the Associate Editors who have renewed their commitment to the *Journal* and those who are willing to dedicate anew their valuable time to its future development. Adding more brainpower to the Editorial Board is viewed as the best way to ensure progress toward our goals.

### Thanks for a Renewed Commitment

With great pleasure I thank the following Associate Editors for renewing their commitment to ASCE: **Alan Blumberg**, expert in water quality modeling; **Bruce Larock**, expert in numerical modeling of open-channel flows; **Dennis Lyn**, expert in turbulence and sediment transport; **Steve McLean**, expert in sediment transport and coastal processes; and **Wolfgang Rodi**, expert in turbulence and computational fluid dynamics. Our past success has built on their efforts in the field of fluid mechanics with applications to hydraulic engineering. This is an area of strength for the *Journal*, and their assistance in carrying out the necessary reviews is greatly appreciated. This group of individuals should also be recognized for providing constructive criticism to improve the quality of the technical papers. I am very fortunate to benefit from their wisdom and assistance.

### Please Welcome New Associate Editors

In preparation for additional growth and new development, I am pleased to announce the appointment of new Associate Editors.



Fig. 1. Nani Bhowmik

The elite professionals that have agreed to join the Editorial Board are Drs. Nani Bhowmik, Jonathan Nelson, Nils R. Olsen, N. Rajaratnam, Fotis Sotiropoulos, and Otto R. Stein. These individuals have remarkable credentials, and I would like to elaborate on some of their accomplishments.

### Nani Bhowmik

Dr. Nani Bhowmik (Fig. 1) has 33 years of experience at the Illinois State Water Survey. He has conducted research on the hydraulic impacts of the 1993 Mississippi River flood, watershed erosion and sediment transport, river geomorphology, hydrodynamics and sedimentation, and integrated management of large rivers and wetland hydrodynamics. He has served on the editorial boards of several refereed journals. He also contributed to the rapid development of *Water International* for the International Water Resources Association. His practical contributions in the field of hydraulic engineering will be a tremendous asset.

### Jonathan Nelson

Dr. Jonathan Nelson (Fig. 2) has served this *Journal* repeatedly in past years and reviewed more than 250 papers for various journals. He has been at the USGS in Denver for 15 years. He is an expert in the fields of sediment transport, turbulent flow, and computer modeling of rivers. He is also well known for his thorough reviews and constructive criticism of papers for the *Journal*. It is a great pleasure to have him back on the Editorial Board.

### Nils R. Olsen

Dr. Nils R. Olsen (Fig. 3) is associate professor at the Norwegian Institute of Science and Technology in Trondheim, Norway. His area of expertise includes 3D CFD modeling applications to hydraulics and sediment transport. He has recently conducted research on river morphological computations, the development of



Fig. 2. Jonathan Nelson



**Fig. 3.** Nils R. Olsen

meandering channels, and modeling of velocity patterns for fish habitat. This is a research field that will surely develop further in the future.

#### **N. Rajaratnam**

Dr. N. Rajaratnam (Fig. 4) has lectured at the University of Alberta for more than 30 years. He has published over 100 refereed journal papers, and his book, *Turbulent Jets* has been acclaimed around the world. His main contributions are in the fields of turbulent and wall jets, hydraulic jumps and energy dissipators, fishways, and environmental fluid mechanics. He is a Fellow of ASCE and CSCE, and has received numerous prizes, including the Camille A. Dagenais award of the Canadian Society of Civil Engineers.

#### **Fotis Sotiropoulos**

Dr. Fotis Sotiropoulos (Fig. 5) is associate professor at Georgia Institute of Technology where he teaches fluid mechanics and computational fluid dynamics. He has expertise in vorticity, turbulent, and laminar flows. He will certainly contribute to the future development of fish-friendly hydropower plants and environmental hydraulics modeling.



**Fig. 4.** N. Rajaratnam



**Fig. 5.** Fotis Sotiropoulos

#### **Otto R. Stein**

Dr. Otto R. Stein (Fig. 6) is associate professor at Montana State University where he teaches river mechanics and engineering hydrology. He is an expert in the field of upland erosion, headcut migration, and constructed wetlands. The readers of our *Journal* will certainly appreciate more papers in the field of wetlands and aquatic habitat.

This select group of individuals offers a unique blend of knowledge of traditional engineering methods as well as the latest technology, energy and experience, and academic research and engineering applications. I am seeking a productive interaction with all Editorial Board members toward a better future for the *Journal*. Together we must meet the challenge of increasing the national and international dissemination of the most recent developments in hydraulic engineering to an ever growing and diverse profession.

#### **Our Common Goal**

Paramount to our success is our goal to: (1) achieve the highest possible quality level for the publication of the *Journal of Hydraulic Engineering*; (2) enlarge our readership and meet the increasingly diverse needs of the hydraulic engineering profession; and (3) increase the efficiency of our peer-review system to remain competitive. The Editorial Board is particularly challenged to find ways to accelerate the review process.



**Fig. 6.** Otto R. Stein

In this computer age, one of the coming challenges is the implementation of a review process for electronic manuscripts. Some members have questioned ASCE's requirement for printed copies of the papers submitted for review. If the change to the review of electronic papers were so simple, the system would have been changed years ago. The inherent complexities partly

stems from the fact that so many papers are submitted at any given period of time that any significant change requires careful planning. It can be done! This group of experienced Associated Editors will certainly play a key role in the forthcoming developments with this matter. Meanwhile, patience from the engineering community with the traditional review process is appreciated.