Special Issue

About an Important Phenomenon—Water Hammer

Message from the Guest Editors

When flow in pipes under pressure is forced to stop, start or change direction, suddenly, wave propagation associated with the water hammer phenomena takes place. This phenomenon never used to be as popular as it is today. Due to the importance of this issue in regard to practical engineering, the number of works related to this complex topic is systematically increasing from year to year. From a historical point of view, engineers have contended with water hammer since the invention and use of pipes for transporting liquid from one place to another. Over 2000 years ago, Marcus Vitruvius Pollio had already described the effects of water hammer and cavitation on clay and lead pipelines supplying water to the contemporary water supply systems being built by the Romans. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/water_hammer

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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