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*Special Issue Reprint*

## About an Important Phenomenon—Water Hammer

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Explore “About an Important Phenomenon—Water Hammer”, a groundbreaking Special Issue featuring insights from leading experts. When pressurized pipe flow is disrupted, water hammer—a once overlooked phenomenon—creates waves of importance in engineering, driving a dangerous surge.

Dedicated to modeling water hammer and experimental verification, this Special Issue delves into contemporary water hammer discourse, tackling key challenges in fluid dynamics. It intertwines with related phenomena including fluid friction, cavitation, viscoelastic deformations, and fluid–structure interaction. Whether unraveling complexities or developing safeguarding methods, submissions enrich our understanding, enabling us to traverse historical origins, mathematical foundations, and contemporary dimensions. “About an Important Phenomenon—Water Hammer” is more than a publication; it is a platform for sharing insights and innovations shaping the future of fluid dynamics and practical engineering.



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