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Yasunori Watanabe is currently a Professor of Engineering at Hokkaido University (since 2019), following his appointment as an Associate Professor (2007-2019) and an Assistant Professor (1997-2008), and after the completion of his PhD in 1997 at Hokkaido University. He has studied various topics in surface waves within the broad research area of fluid mechanics - such as capillary dynamics on a drop, bubble and a thin film; flow stabilities in breaking waves; wave-structure interactions; and ocean wave dynamics. In particular, he has identified mechanisms for organizing rib vortex structures in breaking waves, and made studies of rib vortices to heat and gas atmosphere-ocean transfers, as well as of sediment suspension in the surf zone, through applications of his newly developed computational and experimental methods. He has also analytically explained the fragmentation process of ascending jets produced by breaking waves impacting on a vertical wall, leading a statistical model of the breakup into sea sprays. His research interests also cover coastal disasters associated with tsunamis, storm surges and extreme waves. In addition to his journal publications, his book Computational Wave Dynamics describes state-of-art computational methods for coastal waves, and has contributed to coastal and ocean research. His recent book Dynamics of Water Surface Flows and Waves provides theoretical descriptions of the whole life of water surface waves through their birth, propagation, evolution and finally breaking. He has received several research awards, including a Leverhulme Trust Research Fellowship, and Japan Society for the Promotion of Science KAKENHI and Daiwa Anglo Japanese Foundation awards. In addition to his research work, he served as an Editor-in-Chief of

*Coastal Engineering Journal* from 2013 to 2019.