



# The Engineering Institute of Canada

## 2020 Award Citation

### EIC Fellow



***Ioan Nistor***

#### **Nominated by the Canadian Society for Civil Engineering**

*Professor Ioan Nistor of the University of Ottawa is a world-renowned expert on performance and design of civil engineering infrastructure subjected to extreme coastal hazards such as those caused by tsunamis and hurricanes. As a prolific author of high-impact publications his experimental and numerical research focuses on extreme hydrodynamic and debris loads on structures with impact on the development of international technical standards.*

*As a member of the ASCE7 Tsunami Committee he contributed towards the development of world's first design standard on tsunami-resistant design of buildings and other structures. He also serves as a member of the Japan Society of Civil Engineers' Tsunami Committee for developing Japanese guidelines for the effects of debris generated by tsunamis. Dr. Nistor's contributions extend well beyond academia, having involved extensively in the practice of hydrotechnical engineering locally and globally. He designed the world's largest contaminated sediment restoration project for the shores of Clark Island in Salaberry de Valleyfield, Quebec.*

*One of his major international projects was the Kalpasar Project in India, in which he served as the head of the design team for world's largest tidal dam. He has provided exceptional service to the civil engineering community in Canada and elsewhere in the world.*

*Ladies and gentlemen, and Mr. President, please welcome Ioan Nistor as a Fellow of the Engineering Institute of Canada.*