

*Invitation to participate in*

**A comparative study on breaking wave impact on a ‘deformable’ truncated vertical wall (CCP-WSI Comparative Study 1)**

**ISOPE-2022 Shanghai, China, June 14 - June 19, 2022**

On behalf of the CCP-WSI Working Group and the ISOPE-2022 IHC, we invite you to participate in the CCP-WSI Comparative Study 1 considering ‘Breaking wave impact on a ‘deformable’ truncated vertical wall’ organized by the CCP-WSI Working Group.

The study forms part of the CCP-WSI's ongoing effort to understand the benefits of different state-of-the-art wave structure interaction (WSI) codes (started via the successful series of CCP-WSI Blind Tests performed in recent years) and hopes to represent the first step towards more complex WSI problems involving simulation of coupled hydrodynamics and structural mechanics. In this comparative study, a full description, and the surface elevation measurements, from three physical experiments (one with a rigid structure and two with different hydroelastic parameters) are provided via the CCP-WSI website - [http://www.ccp-wsi.ac.uk/data\\_repository/test\\_cases/test\\_case\\_013](http://www.ccp-wsi.ac.uk/data_repository/test_cases/test_case_013). Participants should follow the ‘submission procedure’ described in the test case description (and the additional points below to be included in the ISOPE 2022 technical program proceedings).

**Participation form due: November 15, 2021** or earlier

**Numerical results deadline: February 15, 2020**

*How to join Comparative Study*

- (a) **Email** your expression of interest (EoI) to both [edward.ransley@plymouth.ac.uk](mailto:edward.ransley@plymouth.ac.uk) and [shiqiang.yan@city.ac.uk](mailto:shiqiang.yan@city.ac.uk) and, if you would like to submit a full paper to be included in the ISOPE-2022 conference proceedings, please attach a one-page abstract with your EoI.
- (b) Further consultation, with those who have expressed an interest in participation, will follow via email during the period running up to the conference (and will continue afterwards while preparing the joint publication associated with the findings of the study).
- (c) **Email** your numerical results, as described in the ‘submission procedure’ described online - [http://www.ccp-wsi.ac.uk/data\\_repository/test\\_cases/test\\_case\\_013](http://www.ccp-wsi.ac.uk/data_repository/test_cases/test_case_013), to [edward.ransley@plymouth.ac.uk](mailto:edward.ransley@plymouth.ac.uk) no later than February 15, 2020.

We look forward to seeing you next year in Shanghai, China.

Yours sincerely,

*Dr. Edward Ransley, Session Organizer, University of Plymouth, UK*

*Dr. Shiqiang Yan, Session Organizer, City, University of London, UK.*