**SPHERA v.9.0.0 (RSE SpA): documentation**

**Appendix C**

[1. Appendix C 2](#_Toc795106)

[13.3.36 “spillway\_withpiers” 2](#_Toc795107)

[13.3.37 “tsunami\_benchmark1\_ISEC” 2](#_Toc795108)

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This file belongs to SPHERA’s guide: “SPHERA v.9.0.0 (RSE SpA): documentation”

# Appendix C

13.3.36 “spillway\_withpiers”

This tutorial is reported in Amicarelli et al. (2015, HSPHMI14). This tutorial relies on the test case described in Agate & Guandalini (2010 SPHERIC) with an Open-Access publication in Agate & Guandalini (2010 RSE-RdS). The only difference with respect to the cited test case is the setting of a pier along the spillway centreline.

13.3.37 “tsunami\_benchmark1\_ISEC”

This tutorial is described in Guandalini & Agate (2014, DAOE). This paper is Open-Access.

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2. Agate G., Guandalini R.; 2010; The Use of 3D SPHERA Code to Support Spillway Design and Safety Evaluation of Flood Events. Proceedings of the 5th International Spheric Workshop - Manchester UK June 22-25, 2010.
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4. Guandalini R., Agate G., Amicarelli A., Manenti S., Gallati M., Sibilla S; 2014; SPH Modelling of a 3D Tsunami Test Case. - Development and Applications of Oceanic Engineering (DAOE) Volume 3 Issue 1, February 2014