



OFFSHORE ENGINEERING LECTURE SERIES

By Professor Yusuke UCHIYAMA



Evolution of downscaling ocean modeling and its application to the metocean forcing evaluation for offshore structures around Malaysia:

Date : 24th April, 2019 (Wednesday)
Time : 2.30 – 4.00 PM
Venue : Lecture Theatre D5, UTP

In this lecture, Prof Uchiyama will discuss the evolution of downscaling ocean modeling and its application to the metocean forcing evaluation for offshore structures around Malaysia. He will explain how the recent regional ocean circulation modeling has progressed, to show a result for the entire South China Sea, and then he will talk about forcing evaluation on the PETRONAS' offshore oil platforms along the Malaysian coasts in conjunction with extreme value statistics. He will also cover oceanic currents and wind.

Prof. Yusuke UCHIYAMA

Professor, Department of Civil Engineering
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Prof Uchiyama is a full professor at the Department of Civil Engineering KOBE University, Japan. He obtained his PhD from Tokyo Institute of Technology, Japan in 1998 in the area of Environmental Informatics. Prof Uchiyama held few academic posts such as visiting professor at University of California, Los Angeles (UCLA) USA (2016-2017), Assistant Research Geophysicist, IGPP, UCLA, USA (2005-2011), JST-JSPS Fellow University of California, Berkeley, USA (2002-2004) in addition to other appointments at Japanese research institutions. Details may be referred to his full CV.

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