

## Collaboration on tsunami research with UCL Earthquake & People Interaction Centre (EPICentre) (2023/11/28)

Theme : International research collaboration activities, tsunami disaster, physical model, empirical model and numerical model

Place : Earthquake & People Interaction Centre (EPICentre), University College London (UCL)

Prof. Fumihiko Imamura's research group (IRIDeS) and Prof. Tiziana Rossetto (EPICentre) 's research group has long collaboration on tsunami research since the beginning of IRIDeS establishment in 2012 with several co-authored journal publications as well as exchanging of young researchers. Assoc. Prof. Anawat Suppasri strengthened collaboration between IRIDeS and EPICentre during his academic visit in UCL by conducting several activities related to physical model, empirical model and numerical model.

On the 27<sup>th</sup> June 2023, Assoc. Prof. Anawat Suppasri got invited by Prof. Tiziana Rossetto to visit the largest specialist tsunami simulator in Europe at HR Wallingford which as been using for performing tsunami research by EPICentre. Current physical model study on countermeasure for small oil tank in Japan was introduced and discussed for global application.

In October, several discussions on the TU-UCL funded research on using post-disaster data to evaluate the relative impact of the 2011 Tohoku earthquake and tsunami hazards on the Japanese building inventory were made to improve current understanding of empirical model that explain earthquake and/or tsunami force against building damage.

On the 28<sup>th</sup> November, Assoc. Prof. Anawat Suppasri got invited to give a talk for EPICentre seminar on current development on tsunami hazard and risk assessment that integrated scientific knowledge from both numerical and empirical models as well as contribution to all stakeholders. More research achievements as well as exchanging of young researchers can be expected in the future through various activities as mentioned above.

More information

EPICentre:

<https://www.ucl.ac.uk/epicentre/epicentre-pioneering-resilience>

HR Wallingford:

<https://www.hrwallingford.com/facilities/tsunami-simulator>

2022 Tohoku University-University College London Matching Fund:

[https://www.tohoku.ac.jp/en/news/university\\_news/2022\\_tohoku\\_ucl\\_matching\\_fund.html](https://www.tohoku.ac.jp/en/news/university_news/2022_tohoku_ucl_matching_fund.html)



EPICentre Seminars and Discussions
   

  
**Recent developments in tsunami hazard and risk assessment**
  
 by Dr Anawat Suppasri (Tohoku University)
   
 Tuesday
   
 28 Nov 2023
   
 13:00 – 14:00 GMT
   
 Room Chadwick 102 & online (MS Teams)
   


Seminar's flyer



Invited talk for EPICentre seminar

Text and photos : Anawat Suppasri  
(Tsunami Engineering Lab)