

Very Large Floating Structures

Date : 19 February 2019

Time : 9:30am-10:30am

Venue : Room V312, PolyU

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Abstract

In the Netherlands and worldwide, sea level rise, increasing pressure on natural resources and ecosystems, but also the strive to meet the Paris agreement are calling for new, climate adaptive solutions. In the last decades, there has been a rising attention for approaches that seek to deal with multiple, integrated challenges by establishing an entirely new model of urban development. Such development is based on floating foundations and can adapt to changes in the water level autonomously. Due to the increasing need of climate-adaptive solutions and the rapid technological advances, the number, scale and size of floating developments are growing rapidly and will do so in the next decades. This is the time to come on board of this exciting technology that will change the way we live in this world for ever.

Speaker's Biography

Karina Czapiewska has been active in the field of floating structures for the past 10 years. She has founded her first company (DeltaSync) after winning the first prize for the *Delta's in times of climate change* contest. The solution for the space shortage and the infrastructural needs in Dutch Delta was by using very large floating structures. From that moment on, floating urban development has at the top of her mind every day. A few years, after changing the focus from inland water to oceans and seas, her second company Blue21 was founded. Blue21 helps governments, construction companies, project developers and innovators in reaching their goals in floating urban development. She has been contributing to the NEN (Netherlands Standards Institute) in the development of standards for floating urban development since 2011 and is (co-chair) of the think tank on the governance of floating structures. She has cofounded the company INDYMO which focusses on measuring the water quality and has a seat in the core team of Blue Frontiers (which focusses on integrating: ecological floating habitats, special legal frameworks and blockchain-based societal tools).

*****All Interested Are Welcome *****

**For further information, please contact Ms. Autumn Lin at Tel. 3400 8535.
Certificates of attendance will be provided to participants if they attend the whole lecture.**

