

**MEMORANDUM OF UNDERSTANDING
ON THE COLABORATION BETWEEN NCU-IHOS and TUHH-RCE
ON COASTAL MONITORING TECHNOLOGY DEVELOPMENT**

This Memorandum of Understanding is made on 18 December of 2019 by and between the INSTITUTE OF HYDROLOGICAL & OCEANIC SCIENCES AT THE NATIONAL CENTRAL UNIVERSITY, TAOYUAN, TAIWAN (hereinafter referred to as "NCU-IHOS"), and INSTITUTE FOR RIVER & COASTAL ENGINEERING AT HAMBURG UNIVERSITY OF TECHNOLOGY, HAMBURG, GERMANY (hereinafter referred to as "TUHH-RCE"), collectively, the "Parties", as authorized by the signatories below. Witnesseth:

Whereas, NCU-IHOS has developed and manufactured miniature wind-wave buoys and transfers the ownership of two of the buoys to TUHH-RCE.

The Parties have agreed on the following:

1. NCU-IHOS provides the above-mentioned two buoys for using in the research by NCU-IHOS and TUHH-RCE;
2. NCU-IHOS should provide TUHH-RCE staff with adequate education and training to enable employees to use the buoy in their entirety;
3. TUHH-RCE may freely use the instrument to support the research projects entitled as 'Wave, water level and current measurements at the Island of Langeoog for the monitoring of beach nourishments', 'Baltic Sea coast 2100 – analyses of the actual state and future development of the hydro- and morphodynamics of the Baltic Sea coast Schleswig-Holstein', 'Operational early warning system for sea dikes at the German North Sea coast' and any other not-for-profit projects unrelated to this MOU.

Obligation of TUHH-RCE:

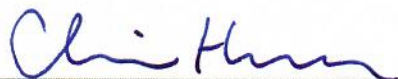
1. TUHH-RCE will be responsible for the installation and maintenance of the buoys which are involved in the above mentioned research projects;
2. TUHH-RCE and NCU-IHOS will jointly share the authorship of technical reports and research papers if any raw data or processed data from the above-mentioned buoys are included;

This MOU is made for an indefinite period which will be extend at along as NCU-IHOS or TUHH-RCE receive funding, institutional or external, for collaborative work.

In the MOU structure signed by the contract, the resulting intellectual property rights owned by both parties. All Parties have executed this Agreement on the date first above written.

AUTHORIZATION

For the Institute of Hydrological and Oceanic
Sciences,
National Central University
Taoyuan
Taiwan



Prof. Hwa CHIEN
Director

2020. Jan. 16

Date

For the Institute of River and Coastal
Engineering, Hamburg University of Technology
Hamburg
Germany



Prof. Dr.-Ing. Peter Fröhle
Director General

13 January 2020

Date

