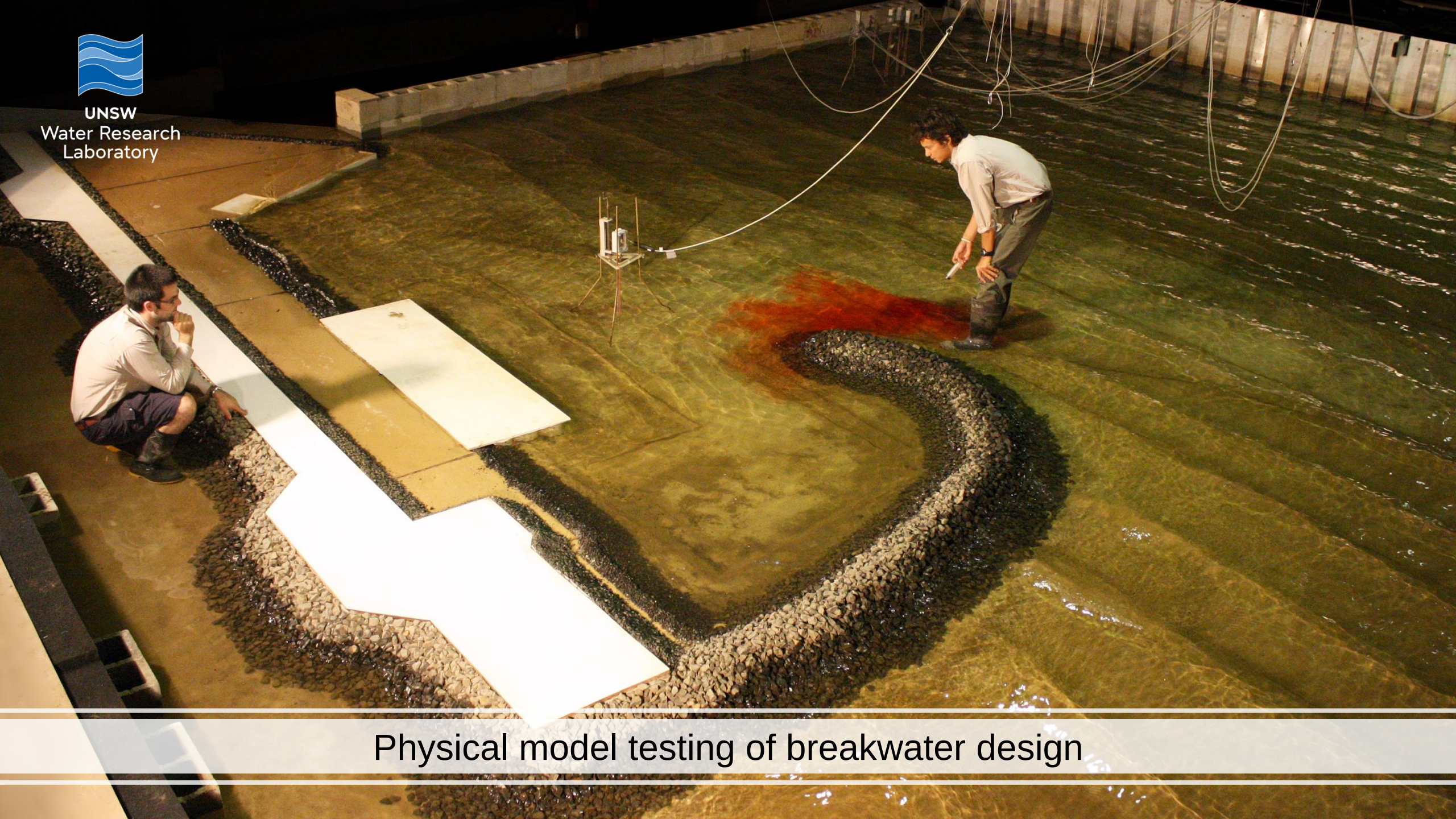
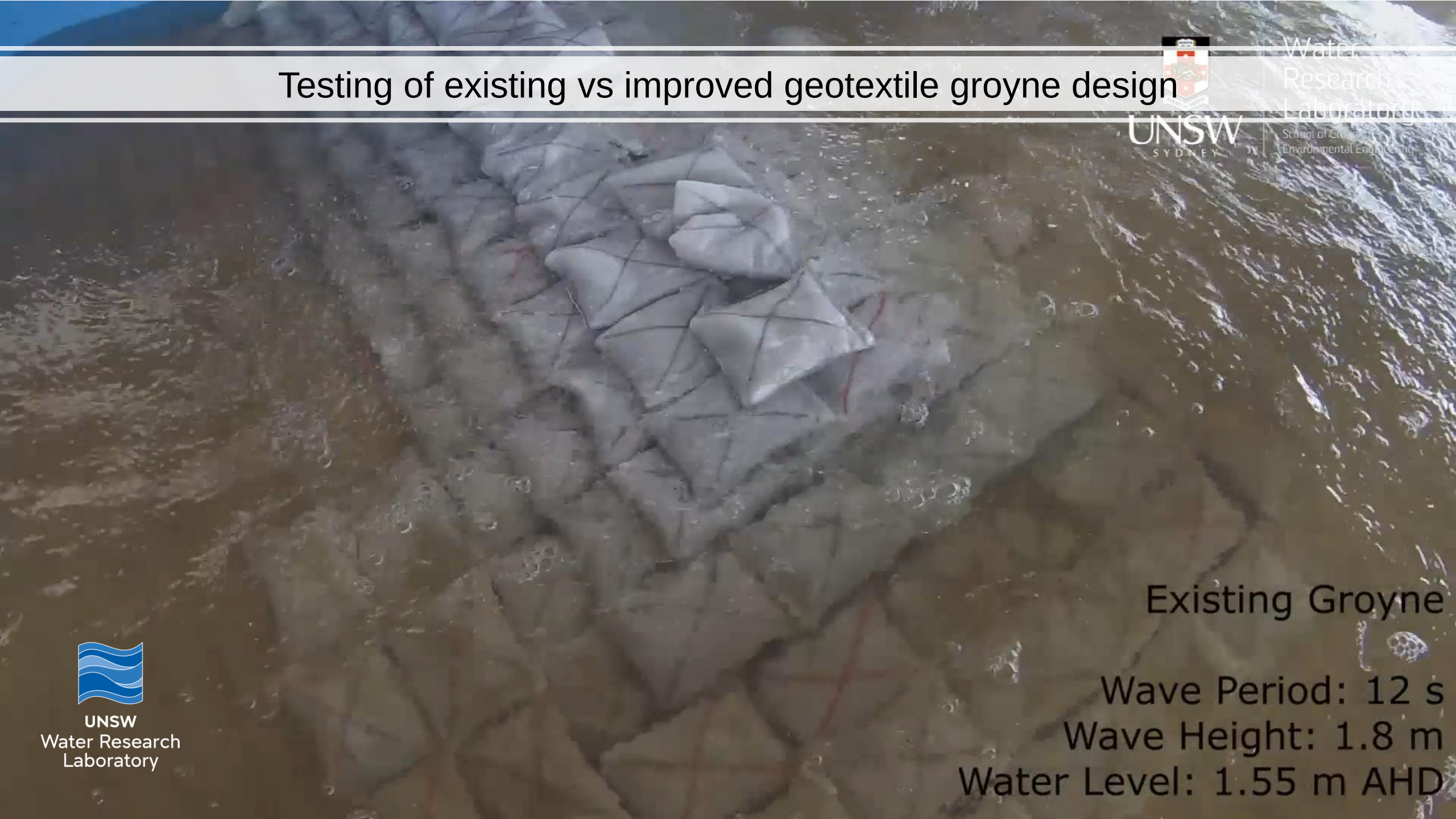


Physical model testing of breakwater design

Breakwater design using XBlocPlus – 1.2 m wave flume

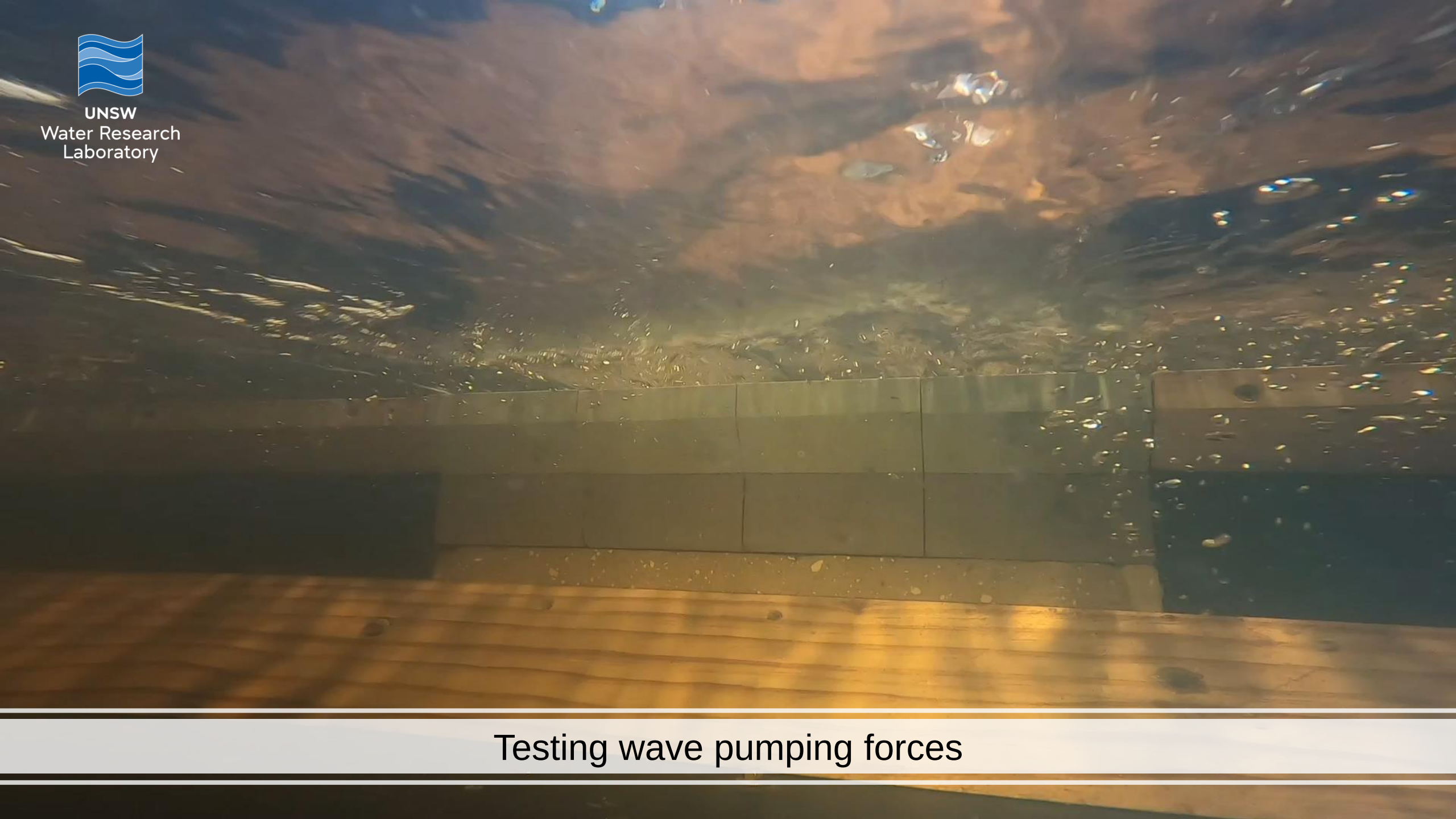
Testing of existing vs improved geotextile groyne design



UNSW
Water Research
Laboratory

UNSW
Water Research
Laboratory

Wave deflector being used to reduce overtopping under bore wave condition



Testing wave pumping forces

Short crested waves – wave basin

Real-time video monitoring of wave overtopping

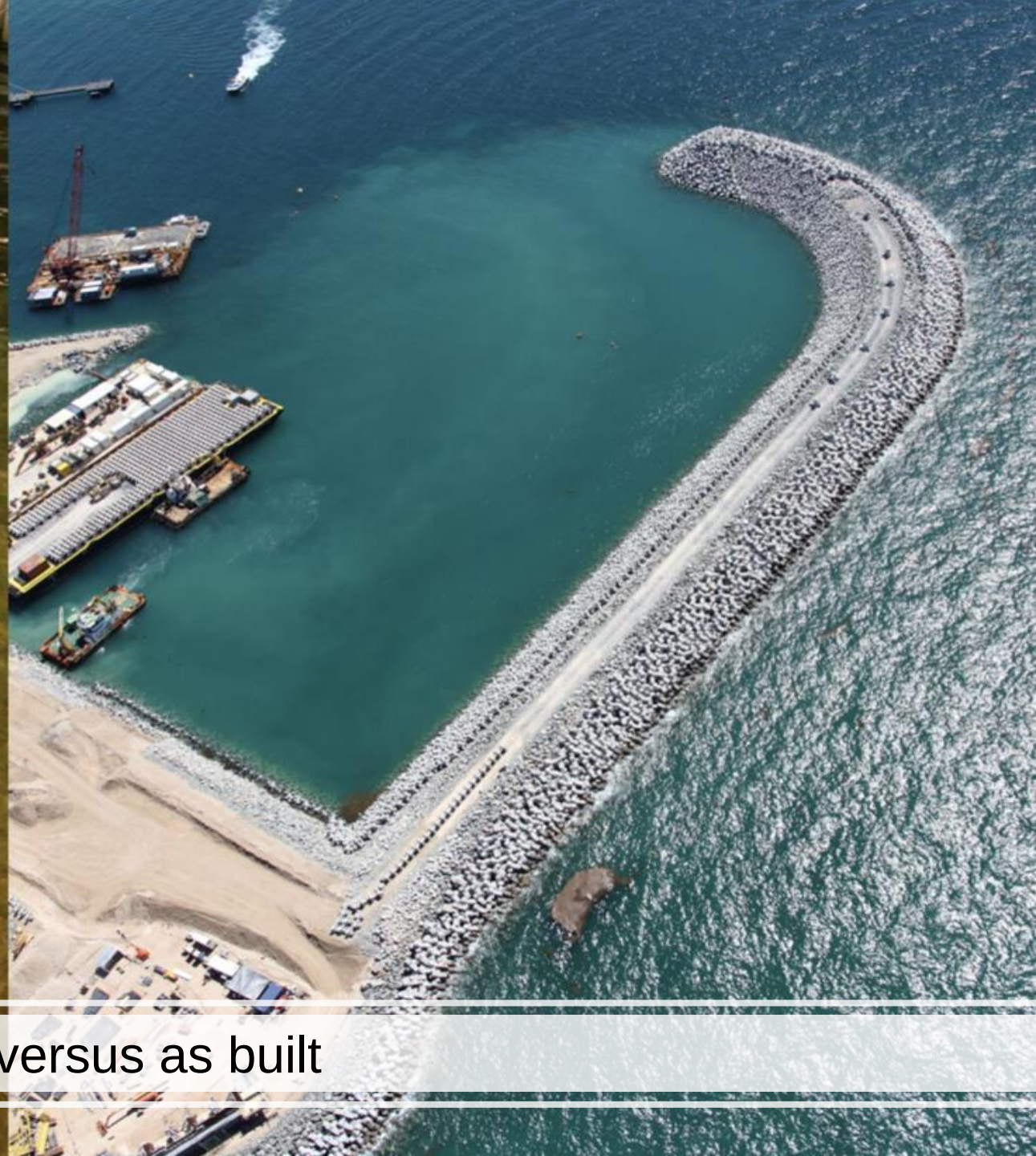
Modelling wave overtopping risks to pedestrians

E001 Toe Scour, Design Cond.

UNSW SYDNEY

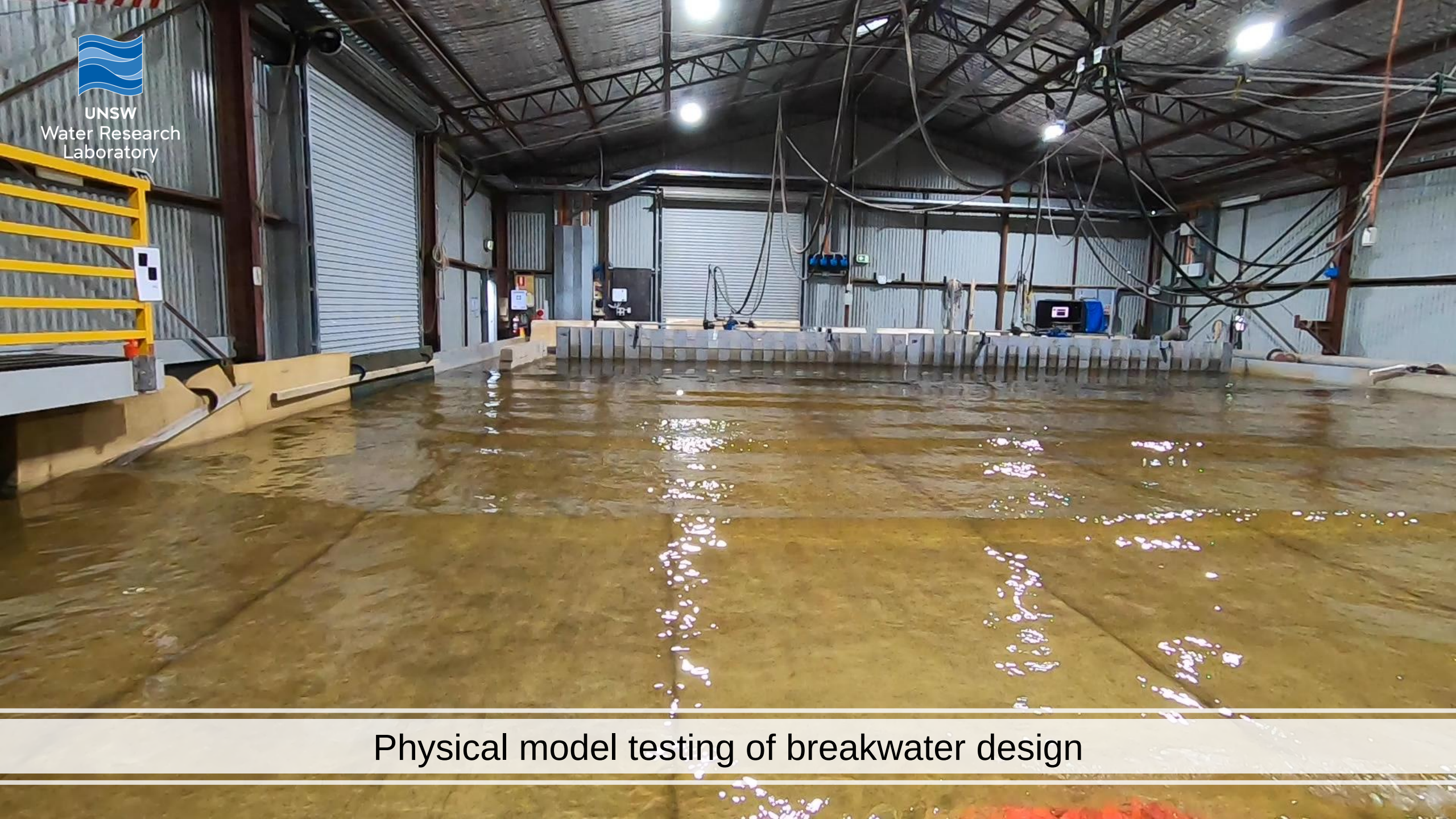
Water Research Laboratory

UNSW
Water Research
Laboratory

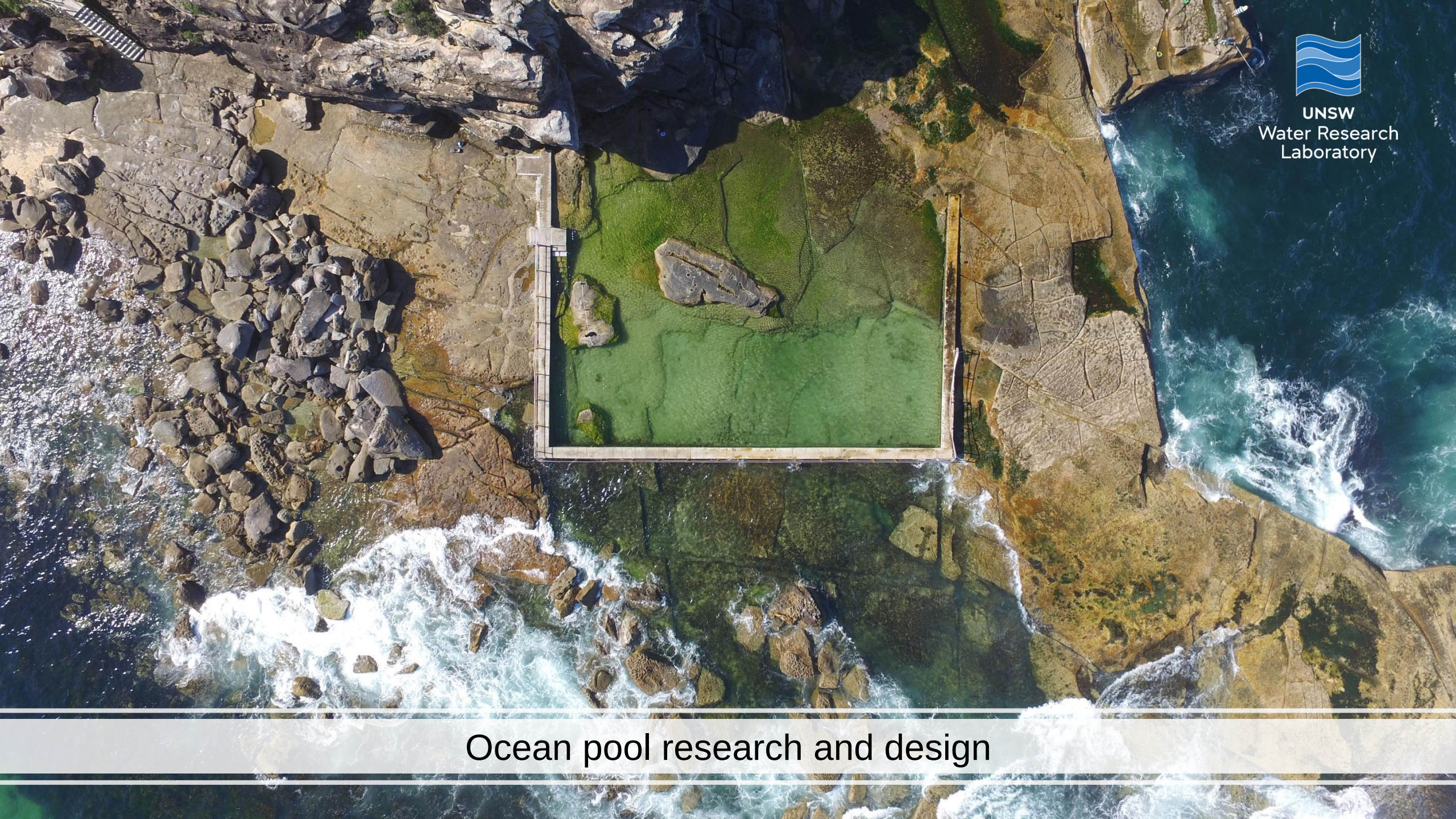


As modelled versus as built

Testing wave uplift pressures on a coastal walkway overhang



Physical model testing of breakwater design

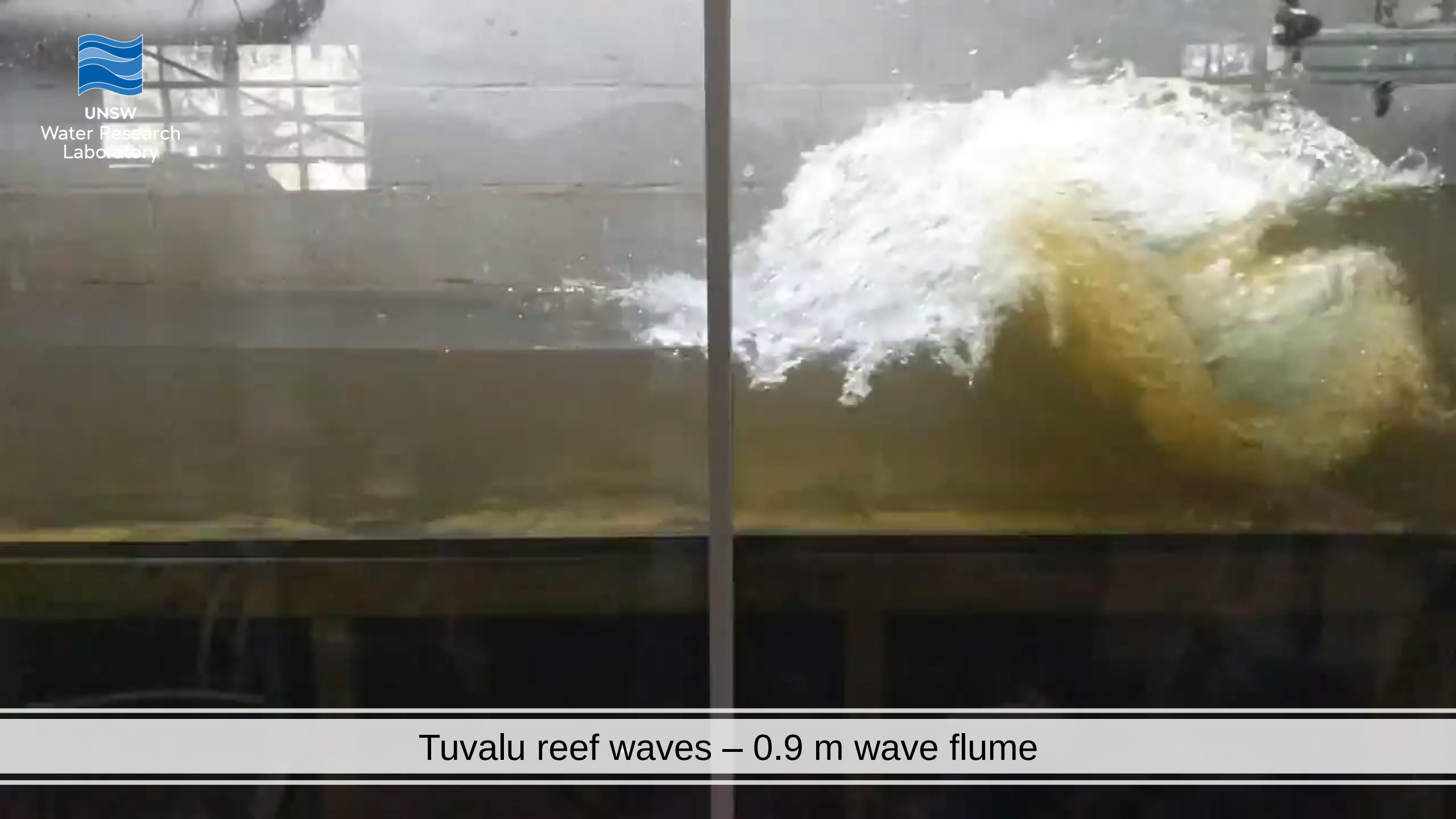


UNSW
Water Research
Laboratory

Ocean pool research and design

UNSW
Water Research
Laboratory

Physical modelling of a Pacific Island during a cyclone



Tuvalu reef waves – 0.9 m wave flume

Ohau Point, New Zealand – 3 m wave flume

Physical model construction using hanbar armour units

UNSW
Water Research
Laboratory

Stepped seawall design testing – 1.2 m wave flume

UNSW
Water Research
Laboratory

As modelled versus as built