



### FLNG Offloading

greenwater

### Oil and Gas

Repair and Strengthening of structural members using fibre-reinforced polymers

PR015 Scouring Assessment of Compound Subsea Structures

PR004 Shear stress amplification & Scour around subsea structures

PR019 Developing Better Design Guidance about role of Field Joints in Initiating Pipeline Scour for Trunklines

PR001 Detection of Corrosion Under Insulation

PR002 Evaluation of Anti-scour Frond Mats

PR018 DNA Zoo technology to build genomic resources for critical marine-habitat forming species of seagrasses

PR010 Planning the Reovery of an Anti-Marine Growth Structure

PR008 SLAM - Swell Local Adjustment via Monitoring

Measuring Surface Waves on the Swan River

### Renewable Energy

Measuring currents and Turbulence in the Swan River

### Environmental Fluids

PR017 Testing the potential for Marine Growth to disrupt VIV on long spans on Woodside Pipelines

PR005 Elongation of Pipeline spans over buckle initiator

PR011 Towards Improving Pipeline Stability Design for Solitons

Open water swimming

Dynamic response of floating vessels

Mapping Erosion Characteristics in the Swan River

Field performance of a novel 'fish' anchor

PR003 Shallow Penetrometer Measuring soil-to-soil Friction

PR013 Design Engineering for a Seabed Porcupine

PR012 Low Cost Underwater Data Acquisition System (UDAQ)

PR006 Feasibility study of detection of pipeline dynamic response using distributed optic fibre

PR016 Mealworms - Taking a bite out of plastic Pollution

PR014 Rapid Bar-coding and DNA Sequencing Kit

Geopolymer Concrete made of River Water and River Sand

Understanding impact of bivalves on marine infrastructure