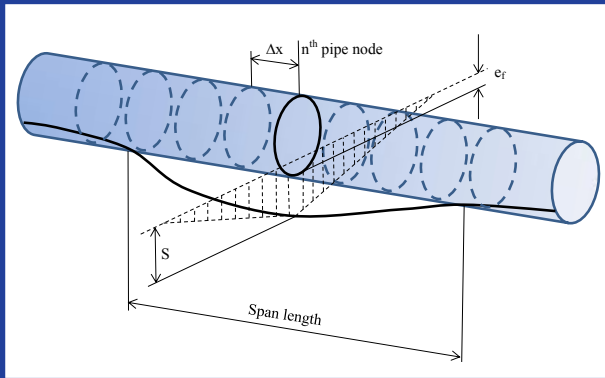


UWA research into stability of cables/pipes on rocky seabeds



THE UNIVERSITY OF
**WESTERN
AUSTRALIA**

Modelling of structural response



Modelling boundary layer roughness & turbulence



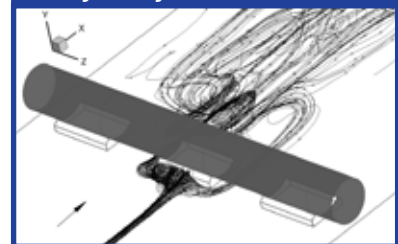
Summary

- This research program builds on UWA's existing pipeline research, encompassing the SAFEBUCK and STABLEpipe Joint Industry Projects, which have led to new Design Guidelines written by UWA in partnership with Operators and DNV.
- The purpose is this research to devise improved design inputs, spanning hydrodynamic, geotechnical and seabed interaction aspects, and to capture these inputs in improved design methodologies and guidelines.
- This research includes ARC linkage project #LP150100249 supported by Woodside.

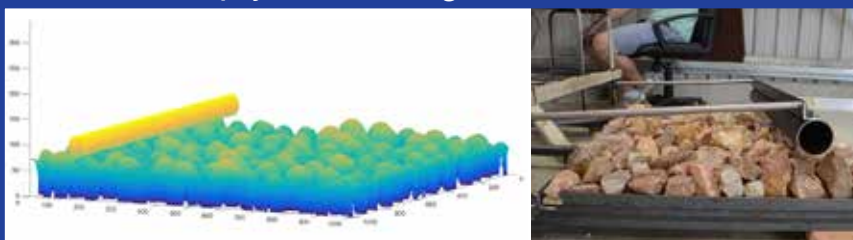
Rocky seabed cable photo courtesy EMEC



Modelling effect of gappiness on hydrodynamic forces



Theoretical and physical modelling of lateral resistance



Researchers: Henning Mohr, Scott Draper, Feifei Tong, Hongwei An, Terry Griffiths, Liang Cheng, David White.

The University of Western Australia
M053, Perth WA 6009 Australia
Tel: +61 8 6488 1142
Email: terry.griffiths@research.uwa.edu.au
www.cofs.uwa.edu.au/capabilities/facilities/o-tube-program