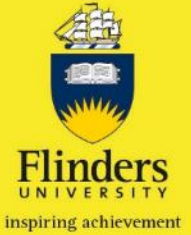


Flinders University working with industry



Dr John Arkwright

Dr Margaret Shanafield

College of Science and Engineering

Outline

- Flinders and Industry
- Photonics at Flinders
- National Centre for Groundwater Research and Training
- Application specific solutions
- Our booth

Flinders and Industry

Industry engagement is core to the Flinders University ethos.

We pride ourselves on having an open door policy and a willingness to hear the needs of others and to provide application specific solutions

We work across multiple industry sectors:

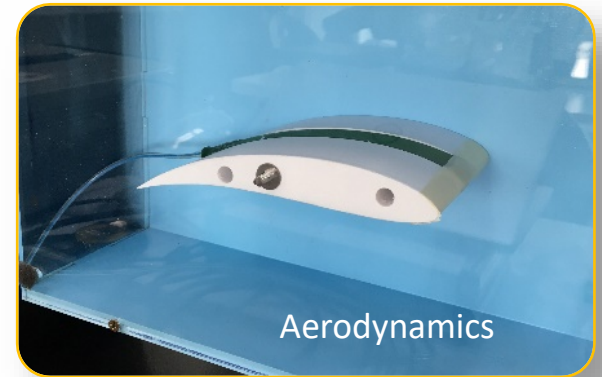
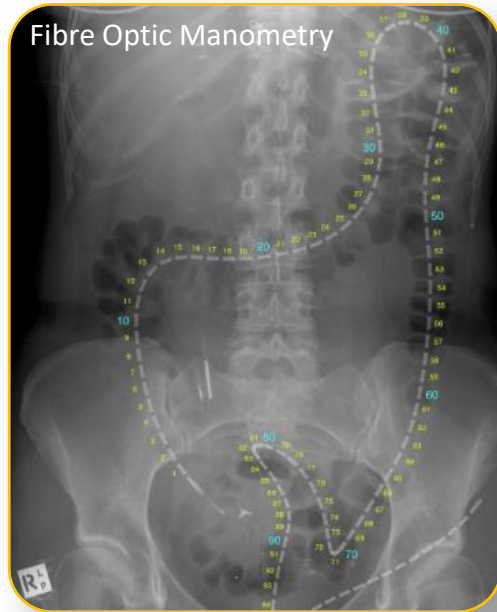
- *Photonics @ Flinders*
- *Groundwater Research and Training*
 - *Critical resource for our existence*
 - *Growing need for monitoring*
 - *Preventing ground water contamination*

Combined strengths in sensing and modelling of aquifers



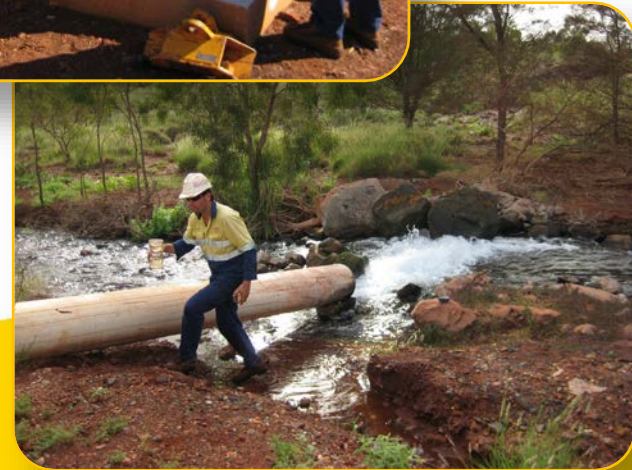
Photonics @ Flinders

Innovative solutions using established off-the-shelf hardware

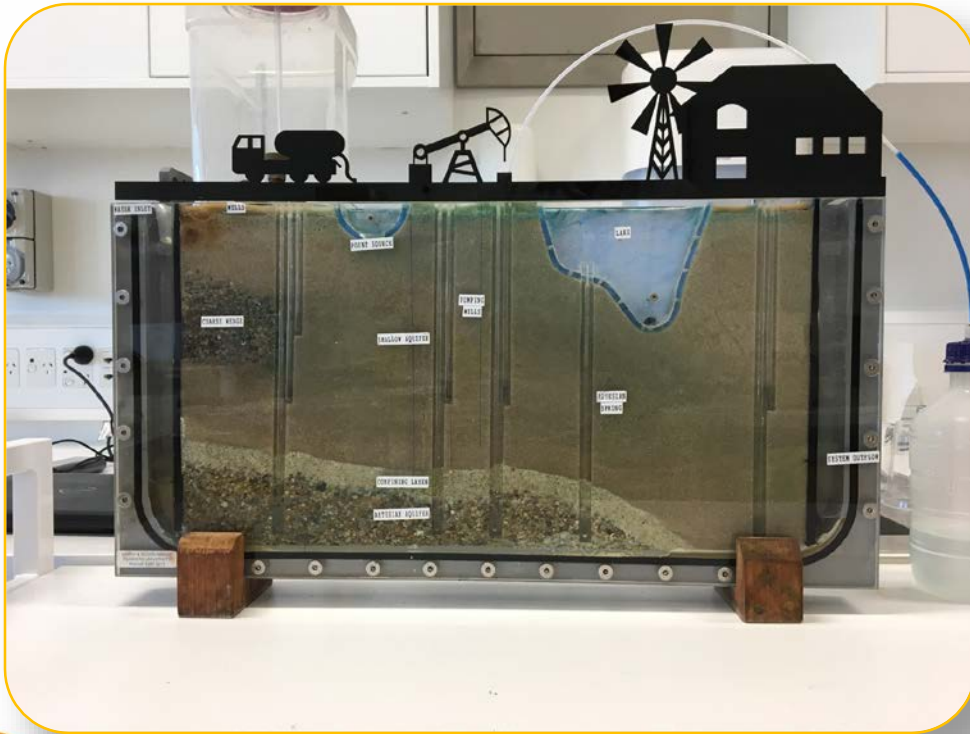


Groundwater Research @ Flinders

- Surface water – ground water interactions
- Fractured rock flow
- Contaminant transport
- Aquifer assessment
- Water quality analysis



Fibre optic sensors for aquifer monitoring



Temperature and pressure sensors
Application specific sensor solutions

Visit us at Booth #12

Summary

- We have a toolkit of techniques from massively distributed sensing to theoretical modelling.
- Come and talk to us on Booth #12

Fiona Adamson

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