



# THE DIGITAL FUTURE OF GEOGRAPHY

## Professional Learning Day

A beginner's guide to harnessing the latest digital technologies which will create innovative and challenging classroom learning - while also equipping your students for exciting careers in the geospatial industry!

This workshop will introduce you to a range of free geo technologies - including how to:

- easily integrate GIS into your classroom
- use location analytics to make web apps
- collect meaningful data in the field using your mobile phone!

## Details

Date: Tuesday 22<sup>nd</sup> August, 2017

Time: 8:30am-3:00pm

Location: Canterbury College  
Old Logan Village Road  
Waterford, Queensland 4133

Cost: \$100 GTAQ member  
\$120 non-member

Details: Please bring your own device

## International Guest Speaker

Dr. Joseph Kerski Ph.D GISP is the Education Manager for Esri - the world's leading GIS technology provider!

He is a proud geographer, with a passion for creating engaging enquiry-driven learning activities using digital mapping technology - whether in the classroom, as a GIS Instructor at a range of universities across the United States or as an author and researcher.

Joseph is in Australia to support the launch of Esri Australia's [GIS for Schools](#) program, making industry-leading GIS technology freely available to teachers and students!

# REGISTER NOW

[Click here!](#)

For more information, email:

[education@esriaustralia.com.au](mailto:education@esriaustralia.com.au) or [gtaqinfo@gmail.com](mailto:gtaqinfo@gmail.com)

## Workshop Program

TIME	ACTIVITY	PRESENTATION
8:30	Registration	Sign in at College Administration
9:00	Session 1	<b>What is "where", why there, and why care?</b> Introducing digital innovations for geographic inquiry with Esri's Dr. Joseph Kerski Ph.D.
9:30	Session 2	<b>Crash course in cartography</b> Designing your own digital maps using simple GIS
10:00		Morning Tea
10:20	Session 2	<b>Census sensibility with Dr. Elin Charles-Edwards</b> Dr. Elin Charles-Edwards and Associate Professor Yan Liu from the University of Queensland show you what's possible with Census data in your classroom
11:20	Session 3	<b>From your phone to the field</b> Mobile apps for collecting field data
12:50		Lunch
1:30	Session 4	<b>What is big data?</b> Get your hands on a wide range of open-source data layers for your mapping
1:50	Session 5	<b>YOUR CHOICE OF 3 FOCUSED SESSIONS:</b>  A: Digital and spatial technology in action at Canterbury College - what's possible? B: Build your own location-based apps (just like Uber!) C: Continue exploring GIS at your own pace, guided by Esri's Dr. Joseph Kerski.
2:45		Conclusion

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*All attendees will receive copies of AGTA's Geography Skills Unlocked and Cribb's 'The Coming Famine' valued at over \$70.*

### AITSL Standards

This professional learning event satisfies the following AITSL standards:

- ❖ 2.1: Content and teaching strategies of the area
- ❖ 2.6: ICT
- ❖ 3.2: Establish challenging learning goals
- ❖ 3.3: Use teaching strategies
- ❖ 3.4: Select and use resources
- ❖ 6.2: Engage in professional learning

