



## GALESS TiltShift Challenge 2024 Information Pack 3 “Waterways” Melbourne, Australia 14 - 17 October 2024

This year our student research focus is on Life Sources: Waterways. The TiltShift Challenge includes a period for research efforts followed up by a physical presentation at an international student conference starting on 14 October 2024 in Melbourne.

The research activities are meant to be set in a school environment, in a school team of 3-4 students with a guiding teacher. Reference contacts from your school, local community, and region who may serve as living libraries are also requested.

This TiltShift Challenge addresses an effort to contribute to awareness about complex questions relating to Waterways as a Life Source, looking for sustainable and responsible answers from our young generation in each part of the world.

GLASSES TiltShift Challenge in Melbourne will be organised by: Boroondara Gifted Network.

### PROGRAM

A more detailed program for each day will be sent out to teams in the week preceding the conference. Zoom links will be provided when needed.

Date	Venue	Morning	Afternoon	Evening	Meals
Day 1 Monday 14 October 2024	Bialik College  429 Auburn Road Hawthorn  Contact: Caitlin Faiman <a href="mailto:faimac@bialik.vic.edu.au">faimac@bialik.vic.edu.au</a>  03 9822 7981 ext.5198	NA	NA	3.45pm Arrival Welcome and afternoon tea  Group design activity  Dinner  6:30pm Close	Afternoon Tea and a light dinner provided
Day 2 Tuesday 15 October 2024	Nangak Tamboree Wildlife Sanctuary La Trobe University  La Trobe Avenue, Bundoora, VIC 3086.  Contact: Ms Wendy McCarry <a href="mailto:Wendy.mccarry@ivanhoe.com.au">Wendy.mccarry@ivanhoe.com.au</a> 03 9490 3889 04 2352 3310	8.45am arrival 9:00am start  Team presentations:  Ivanhoe Grammar School  School of Science and Technology, Singapore  Bialik College	Aquatic Investigation: water bug sampling and testing for abiotic factors.  3.00pm close	Optional activity for visiting international teams:  Wildlife Sanctuary Twilight Tour at Nangak Tamboree  6:15pm – 7:30pm  <b>*Please contact Wendy McCarry asap if you would like to book this.</b>	Morning tea and lunch provided

Day 3 Wednesday 16 October 2024	Camberwell Girls Grammar School 2 Torrington St Canterbury  Please report to reception  Contact: Dr Charlotte Forwood <a href="mailto:forwoodc@cggs.vic.edu.au">forwoodc@cggs.vic.edu.au</a>  03 9813 1166	8:45am arrival 9.00am start  Team presentations:  Camberwell Girls Grammar School  Dillmann Gymnasium, Germany	Panel discussion  Maker Space activity  Design Activity   3pm close.	Free	Morning tea and lunch provided
Day 4 Thursday 17 October 2024	Camberwell Grammar School  55 Mont Albert Road, Canterbury  Contact: Ms Jo Menzies <a href="mailto:sustainability@cgs.vic.edu.au">sustainability@cgs.vic.edu.au</a>  03 9835 1777 ext 560	9:15am arrival 9.30am start  Team presentations:  Camberwell Grammar School  Mahidol Wittayanusorn School, Thailand  St. Leonard's College	TBC   3pm close	Free	Morning tea and lunch provided

## PROJECT PRESENTATION

The project presentation will be divided into 2 parts:

- presentation with accompanying slideshow (10-15 minutes)
- Q & A (10+ minutes) + Judges feedback

Participating teams must prepare their presentation using a slideshow.  
Digital media device available on location (computer, PowerPoint etc.)

## PAYMENT INFORMATION

Payment Method: invoices and payment instructions have been sent to teams

Details re payment have been sent to each team.

Payment Deadline: 10 October 2024

## MEDIA

- Schools prepare an introduction-movie of their team by 10 October and send to [gales@cggs.vic.edu.au](mailto:gales@cggs.vic.edu.au)  
This will be placed on the BGN website with access for teams to learn a little about the other teams prior to the conference.
- Completion of the attached media permission form. Scan and email to: [gales@cggs.vic.edu.au](mailto:gales@cggs.vic.edu.au)

## DOCUMENTS TO ENTER AUSTRALIA.

Please prepare your travel-documents in time

1. Visa (if needed)\*
2. Passport
3. Vaccine Certificate

\* Please let the local organization know as soon as possible about Invitation Letters if necessary

## RISK ASSESSMENT

A risk assessment has been completed for the aquatic investigation at Nangak Tamboree Wildlife Sanctuary (attached).

## DIETARY REQUIREMENTS

Please provide details of dietary requirements for students and staff by 5 October 2024.

## WEATHER

- Average temperature in Melbourne ranges from 10-20°C
- Rainfall is common at this time of year
- It is advisable to bring a coat in case of colder temperatures

## ELECTRICITY PLUG

<https://www.tripadvisor.com/Travel-g255055-c120179/Australia:Power.And.Appliances.html>



## DRESS CODE:

- School uniform

## WHAT TO BRING EACH DAY:

- Reusable water bottle
- Laptop

## RESEARCH REPORT:

The research report will address 3 topics.

These questions may be combined within the presentation.

1. Investigate a waterway in your local or national area.
  - a. Define what is meant by a waterway from your investigation's perspective.
  - b. Describe the waterway, including location and function.
  - c. Identify key questions relating to the waterway.
  - d. Gather information to support an extended investigation of big questions.
  - e. Define the key focus for the research
  
2. Following extensive research and discussion, propose sustainable solutions and/or strategies relating to your waterways investigation.
  - a. Identify whether you are addressing an issue, raising awareness, or gaining deeper understanding.
  - b. Analyse and interrogate key ideas.
  - c. Use critical and creative thinking to respond to your research question/s.
  
3. Examine a similar waterway in another country based on your key focus research area.
  - a. Compare and contrast the two waterways.
  - b. Explain the insights and learnings gained - what are some of the challenges and/or possibilities?
  - c. What can we learn from other countries?
  - d. How might our investigation findings contribute to a global perspective of Life Sources - Waterways?

**Research Report deadline: 10 October 2024**

**Email a copy to: [info@galless.org](mailto:info@galless.org) and [galless@cggs.vic.edu.au](mailto:galless@cggs.vic.edu.au)**

Reports will be published on the GALESS website at the start of the conference week.

### Contacts:

Local Project leader: Dr. Charlotte Forwood email: [galless@cggs.vic.edu.au](mailto:galless@cggs.vic.edu.au)  
GALESS contact Front Desk: Mr. Hubert Schilling [info@galless.org](mailto:info@galless.org)

Please address all questions regarding local arrangements to the local project leader.

All questions regarding research-reports, formats, student-registrations, register introduction movies etc should be addressed to GALESS Front Desk: [info@galless.org](mailto:info@galless.org)