



## Professional Development Workshop Series in Earth and Environmental Science

*Earth-Expo 1-PD workshop & 1 Field trip – Introducing Our Dynamic Planet:*

### Riding the Climate Rollercoaster – Thursday 17 October

Professional development workshop examining climate through geologic time to today, related to plate tectonics/extinction events with graphs & statistics, yr 9-12, (multi-disciplinary crossover with Biology, Chemistry, Geography, STEM).

**Venue:** Pimlico State High School, 59 Fulham Rd, Pimlico, Townsville Qld

**Meeting Room:** H8 (attendees, to go to front office, sign in & get directed to the meeting room)

**Date:** Thursday 17 October 2024, 3:45pm check-in, for 4:00pm– 6:00pm

**School Facilitator:** Donagh Galletly

### Field trip – Castle Hill – Saturday 19 October

Granite intrusive rocks explained, as well as an overview of the geology and landscape evolution of the Townsville area with guided worksheets (to be used by teachers for student fieldtrips)

**Venue:** Start and finish at Castle Hill Lookout carpark.

**Date:** Saturday 19 October. Meet at the lookout at 9:15am for 9:30am to 12pm field trip.

**Registration fee:** Free for teachers working at the host school and other sponsored schools. \$65 (PD & Fieldtrip, or \$40/PD or \$40/Fieldtrip per attendee for each other (non-sponsored schools).

**Presenter:** Phil Gilmore has expertise in geological mapping, the history of the Earth and minerals across Australia. His work in several states gives him many exciting rock, ore and fossil examples to share.

#### The TESEP RocksExpo experience includes:

1. **PD workshops:** after-school professional development workshops for teachers.
2. **Certificate of attendance:** a certificate of hours and workshop outcomes will be issued.
3. **FREE rock kit:** host school to receive a FREE rock kit and Plate Tectonics poster.
4. **Rock and Critical Mineral Kit Teaching Packs:** how to use the kits and resources (e.g. how to relate rock kit rocks to rock stories, 3D rendered samples, virtual thin sections and virtual outcrops).
5. **Rock checks of school collections:** to check labelling and suitability of existing school collections.
6. **Incursions:** classroom lessons with students and teachers.



Please email your completed form and email to [office@asta.edu.au](mailto:office@asta.edu.au)



## Booking form



# Professional Development Workshop Series in Earth and Environmental Science

To register for a workshop:

1. Please complete the following form and email to: [office@asta.edu.au](mailto:office@asta.edu.au)
2. You will be issued with an invoice by ASTA for payment by direct bank transfer or credit card.

### WORKSHOP DETAILS

1. PD Workshop at Pimlico SHS on Thursday 17 October, 3.45 to 6pm, 'Riding the Climate Rollercoaster'.
2. Field trip to Castle Hill on Saturday 19 October. 9.15am to 12pm.

Please select from the options below:

I would like to attend **both the PD workshop and the field trip.**

I work at the host school or another sponsored school (no cost).

I work at another (non-sponsored) school (\$65 per attendee).

I would like to attend the **PD workshop only** on 17 October.

I work at the host school or another sponsored school (no cost).

I work at another (non-sponsored) school (\$40 per attendee).

I would like to attend **the field trip only** on 19 October.

I work at the host school or another sponsored school (no cost).

I work at another (non-sponsored) school (\$40 per attendee).

### YOUR DETAILS

Name:

School:

Teaching area:

Phone (school):

Phone (mobile):

Email:

Postal address (for certificate):

Dietary or other requirements:

### PAYMENT DETAILS

Please email your completed form and email to [office@asta.edu.au](mailto:office@asta.edu.au)

The registration fee for each workshop / field trip is non-refundable – though the fee is transferable to another PD workshop or for another teacher to substitute. The fee is GST inclusive.

An invoice will be emailed to you by the ASTA (Australian Science Teachers Association, ABN 87 902 882 824). The invoice includes details for payment by direct bank transfer or by credit card. Contact ASTA if any queries:  
[office@asta.edu.au](mailto:office@asta.edu.au)

#### **CERTIFICATE OF PARTICIPATION**

A certificate will be issued by ASTA which states the number of PD attendance hours. Please note that issuing of a certificate is conditional on workshop payment.