



**GEOTRACES GP15 Pacific Meridional Transect Data Synthesis Meeting  
14-16 March 2022  
AGENDA**

**Zoom rooms for remote attendees (links have been removed):**

Plenary zoom link:

Zoom breakout room A:

Zoom breakout room B:

Zoom breakout room C:

Zoom breakout room D:

**Presentations to upload/prepare:**

Pre-uploaded presentations (from OSM or other were available to workshop participants).

There is plenty of time for informal breakout groups. We suggest that if participants want to show new results, that you have 1-2 slides ready to share during breakout groups to stimulate discussion.

**Monday, 14 March (GP15-focused synthesis)**

0830. Welcome and logistics (plenary) Greg Cutter

0840. Plenary review and discussion of existing synthesis topics – where are we and do we need to change some of these (for example, should BG6 be subdivided?)

BG1: Alaskan Margin

BG2: Hydrothermal

BG3: Near-bottom features in TEIs:

BG4: Atmospheric inputs

BG5: Biological uptake, particle flux, regeneration, scavenging

BG6: Water masses, end member composition, circulation

1025. Coffee Break and discussions (zoom attendees can remain on plenary link for informal discussions, if desired)

1045. Regroup in plenary to define breakout groups

1100. Breakout groups v1 (Note that these groups may overlap with BG1-6 above, but we anticipate some rearrangement of the above groups.)

Breakout room A: BG1-4: interfaces: Jessica Fitzsimmons lead

Webb center, Chesapeake Room (other hallway from Plenary room)

Breakout room B: BG 5,6: internal cycling: Chris Hayes lead

Webb center, Portsmouth Room (other hallway from Plenary room)

1200. Lunch on your own at downstairs food courts.

1330. Return to plenary for instructions/possible reorganization

1345. Breakout groups v2

Breakout room A: BG1-4: interfaces: Tim C lead

Webb center, Chesapeake Room (other hallway from Plenary room)

Breakout room B: BG 5,6: internal cycling: Chris Hayes lead

Webb center, Portsmouth Room (other hallway from Plenary room)

Breakout room D for asymmetries and patterns of nutrient limitation:

1500. Snack break.

1530. Breakout groups v3

Breakout room A: BG1-4: interfaces: Chris G lead

Webb center, Chesapeake Room (other hallway from Plenary room)

Breakout room B: BG 5,6: internal cycling: Chris Hayes lead

Webb center, Portsmouth Room (other hallway from Plenary room)

1700. Plenary synthesis topics reports: status and discussions, new ideas for synthesis

1800. Dinner on your own; see restaurant list

## **Tuesday, 15 March (GP15 and beyond)**

0830. Japan 2017 GP02 overview (Hajime Obata)

(please arrive a few minutes early so we can get started on time)

0930. Plenary discussion about linkages between GP02 and GP15

1000. Coffee Break/discussion

1030. Plenary discussion on day 2 breakouts, focused on making connections between GP15 and other transects, including GP02, GP16, GA03, ... What do we need to quantify Inputs at Interfaces (continental, air/sea, benthic, hydrothermal) and Internal Cycling (transport, uptake and adsorption, regeneration, chemical transformations)?

1100. Breakouts v4: [Informal small groups discussions: wander around and talk to your colleagues about nitty gritty details.]

1230. Lunch on your own, continued small group discussions

1400. Plenary synthesis discussion

1500. Snacks and discussions

1530. Plenary synthesis discussion

[Informal small groups discussions: wander around and talk to your colleagues about nitty gritty details.]

1700. Regroup in plenary: are new topics working, and what are their time frames?

1730. Meet at bus for transport to GP15 banquet

2100. Bus returns participants to Spring Hill Suites

### **Wednesday, 16 March (Broader synthesis)**

0830. Plenary. Wholistic synthesis reports and discussions. Present the major ideas and findings from the Tuesday meetings. Where do we want to be/should we be in 5-10 years?

1000. Coffee break and discussions.

1030. Plenary. Publications – We have a special issue of GBC underway, and have now expanded it to AGU's GRL and JGR-Oceans. But, are there other publications and approaches we should explore to maximize our scope and audience (e.g., paleo)? Outreach, education, and broader impacts – please report on what you've done and how it went. Please share so we can all learn and perhaps improve our efforts. How did our web site and reporter do, any stats?

1100. Plenary. What's next, and think longer than GP17? Applying lessons learned to future transects and process cruises – open discussion.

1200. Meeting adjourned.