Virtual Seminar Series

IGCP 648 Supercontinent Cycles & Global Geodynamics

Join us this **Friday 19th June at 0:00 GMT** for our next Zoom seminar with **Assoc. Professor Jo Whittaker** from The University of Tasmania, Australia, presenting: **Tasman Gateway - attempts to link tectonics, plumes and ocean circulation.** Zoom details will be sent out before the seminar.

The seminar
Please remember to sign up using the online form [here](#) and encourage your colleagues and students to do the same.

If you are unable to access the online form please email either the seminar co-ordinator [Dr Sheree Armistead](#) or the IGCP648 project secretary [Dr Ross Mitchell](#) if you wish to participate. The meeting details will be emailed to you.

The seminars will be hosted on Zoom. If you do not already have an account, please sign up for their free one and download the Zoom app. Join meeting 5 minutes before the start time using the details provided to you via email.

Time zones

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<tr>
<th>Time Zone</th>
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<tbody>
<tr>
<td>Tucson</td>
<td>5 pm (Thursday)</td>
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<tr>
<td>Toronto</td>
<td>8 pm (Thursday)</td>
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<td>London</td>
<td>1 am (Friday)</td>
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<td>New Delhi</td>
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<td>Beijing/Perth</td>
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<td>Sydney</td>
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**Speaker bio**

Jo Whittaker is a marine geoscientist, at the Institute for Marine and Antarctic Science (IMAS), University of Tasmania, Hobart, Tasmania. Her background is in plate tectonic modelling and seafloor evolution, with a focus on the evolution of Australia, Antarctica, the Southern Ocean, and the Indian Ocean. More recently, she has been working with oceanographers to investigate the links among tectonics, marine sedimentation, and oceanography.

**Abstract**

Global and regional climate are profoundly influenced by patterns of ocean circulation, which in turn is modulated by the distribution of continents and seafloor topography. Motions of the continents over millions of years shift and reshape the ocean basins, causing ocean currents to change. Dramatic changes can occur when continents break apart or collide, opening or closing 'seaways' that control seawater flow between major ocean basins. The opening of polar seaways during the past 30-50 million years causing changes in polar ocean circulation patterns are linked to the onset or expansion of glaciation in both hemispheres. Jo will present an overview of their research program investigating the evolution and influence of the Tasman Gateway.
**Guidelines**

- The seminar will be approx. 1 hour (30 – 40 minute talk followed by questions/discussion)
- Do not forward the meeting ID or password to anyone, this ensures the security of our seminars.
- When you enter the meeting you should automatically be muted, but if not, please make sure you are muted.
- Do not interrupt the speaker – all questions/discussion will be done after the talk. However, you may type questions in the chat window as we go (I'll ask you to read these out after the talk).
- If you have a question, please type a brief comment in the chat window and I will ask you to read out the question during the discussion, make sure you unmute yourself before asking the question.
- Please be respectful when you ask questions or participate in the discussion.
- We encourage participants to share their webcam footage so that the presenters can see the audience, but this is completely optional.
- The talk will be recorded if agreed by the presenter and a link will be sent around soon after the talk.
- We have a detailed code of conduct [here](#) that participants must agree to.