

Antarctic ice melting and rising sea level

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Speaker

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Abstract

- The key factors that have a major impact on current Antarctic melting
- Current status and future prospects of the Thwaites Glacier, West Antarctica (the "Doomsday Glacier") based on ice sheet modeling
- Teleconnection mechanisms from the tropics influencing Antarctic ice melting with projections for Future changes
- A tipping point for further global warming that could accelerate Antarctic melting and associated sea level rise

The seminar will be in English.