

## Further Reading List for London Lecture: Climate change and Antarctica, the great ice sheet in the past, present and future

Bethan Davies – Royal Holloway, University of London

Wednesday 9 November

The reading list can be found at <http://www.geolsoc.org.uk/AntarcticaClimateChange16>

### Popular Articles and Resources

1. Background
  - a. The Geological Society – 2016 Year of Water  
<http://www.geolsoc.org.uk/water16>
  - b. National Snow and Ice Data Centre – What is an ice sheet?  
<https://nsidc.org/cryosphere/quickfacts/icesheets.html>
  - c. Discovering Antarctica – Antarctica’s Geology  
<http://discoveringantarctica.org.uk/oceans-atmosphere-landscape/ice-land-and-sea/antarcticas-geology/>
  - d. The Geological Society – Shell University Lecture: Reconstructing the History of the Antarctic Ice Sheet: Clues from the past for the future  
<http://www.geolsoc.org.uk/Events/Past-Meeting-Resources/Shell-University-Lectures/Shell-University-Lectures-2010/Reconstructing-the-History-of-the-Antarctic-Ice-Sheet>
2. History of the Antarctic Ice Sheet
  - a. NERC – A new history of Antarctic Ice by Bethan Davies  
<http://www.nerc.ac.uk/planetearth/stories/1774/>
  - b. Live Science – How Antarctica got its ice  
<http://www.livescience.com/5500-antarctica-ice.html>
  - c. Climate Change News - Antarctic ice sheet history suggests role in rapid sea level rise  
<http://www.climatechangenews.com/2014/05/30/antarctic-ice-sheet-history-suggests-role-in-rapid-sea-level-rise/>
3. The Antarctic ice sheet now and in the future
  - a. Discovering Antarctica: Impacts of Climate Change  
<http://discoveringantarctica.org.uk/challenges/sustainability/impacts-of-climate-change/>
  - b. NASA - Antarctic sea ice reaches new record maximum

<http://www.nasa.gov/content/goddard/antarctic-sea-ice-reaches-new-record-maximum>

- c. NASA Study: Mass gains of Antarctic ice sheet greater than losses

<https://www.nasa.gov/feature/goddard/nasa-study-mass-gains-of-antarctic-ice-sheet-greater-than-losses>

- d. Antarctica's ice sheets are melting faster – and from beneath

<http://www.npr.org/sections/thetwo-way/2016/10/25/499206005/antarcticas-ice-sheets-are-melting-faster-and-from-beneath>