

# Speleothem climate reconstruction

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My PhD research uses cave data from the Kimberley, and elsewhere in the world, to try to understand how the Australian monsoon changed since the last Ice Age some 22,000 years ago. My talk will briefly cover some topics relating to cave data and past climates: why we care about past climates, what are some of the questions waiting to be resolved about the Australian monsoon, and how I – as a mathematician – try to find answers from wiggly lines created from speleothems.

