

## **Droughts and rural settlement in inner Anatolia under the Ottomans**

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### Outline of presentation

1. Quantifying past climate change
  - Tree rings
  - Nar lake oxygen isotope calibration
  - Application of central Anatolian drought index for last six centuries
2. Ottoman-modern settlement history of south central Anatolia
  - What role for LIA climate change?

### Selected references

Dean, J.R., Jones, M.D., Leng, M.J., Sloane, H.J., Swann, G.E.A., Metcalfe, S.E., Roberts, C.N., Woodbridge, J., Eastwood, W.J. and Yiğitbaşıoğlu, H. (2013) Palaeo-seasonality of the last two millennia reconstructed from the oxygen isotope composition of diatom silica and carbonates from Nar Gölü, central Turkey. *Quaternary Science Reviews* 66, 35–44.

England, A., Eastwood, W.J., Roberts, C.N., Turner, R. and Haldon, J.F. 2008 Historical landscape change in Cappadocia (central Turkey): a palaeoecological investigation of annually-laminated sediments from Nar lake. *The Holocene* 18, 1229-1245. DOI: 10.1177/0959683608096598

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