



Intersections in Archaeological Science: Past to Future Directions

Professor Tim Denham
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"Recent research has addressed the emergence of early agriculture and plant domestication in the tropics, transitions to sedentary living, and methodological advancement."

Centre for Archaeological Research Seminar Series 2022

This presentation will discuss recent work undertaken by the Geoarchaeology Research Group (GRG) and TropArch (Tropical Archaeobotany) collectives at ANU and collaborative projects that use optical microscopy, QEM-EDS (QEMSCAN®) and micro-computed tomography (microCT), as well as a host of ancillary geochemical and archaeobotanical techniques, to address significant archaeological questions in the Asia-Pacific region and beyond.

This research intersects with that from my recently completed ARC-funded Future Fellowship, focusing on one key theme - the archaeobotany of vegetative domestication.

I will reflect on how a background in archaeological science led to my being a Project Leader on an ARC-funded Industrial Transformation Training Centre. In turn, my involvement in M3D innovation has led to engagements with a wide range of disciplines and fields, from food security to virtual archiving of biological collections, as well as collaborations in palaeontology, medical science and engineering.

Details

Friday 20 May
3.30pm AEDT
In person & on Zoom

HW Arndt Lecture Theatre 2
Building 25A, ANU
[Zoom link click here](#)
Passcode: 511230

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