

Dr Wallace Boone Law

Space age satellite imaging offers fresh perspectives on the Western Desert environment and ancient Aboriginal ecology

5 pm, 19 May 2022

Hetzel Theatre, Institute Building

Cnr North Tce & Kintore Ave

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Non-members welcome for

\$10/person

Dr. W. Boone Law is a geospatial scientist and archaeologist in the Department of Ecology and Evolutionary Biology at the University of Adelaide. His research demonstrates how satellite remote sensing can improve our interpretation of ancient Aboriginal land use practices and archaeological site distribution in Australia's vast desert regions.



Using Earth Observation data Dr Boone presents a geospatial model of the most well-suited foraging habitats of the Western Desert, based on maximal water abundance, vegetation greenness and terrain ruggedness. He illustrates how satellite-derived environmental information is providing an innovative new medium to conceptualise ancient subsistence and settlement at a higher resolution than ever before, providing fresh insights into where ancient peoples were likely to position themselves amongst patchy resources.



The RGSSA Lecture Program is supported by the State Library of South Australia

Image of Western Australia courtesy of Google Earth