Archaeoclimatology and Ancient Mediterranean Landscape Dynamics

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Example of Results of for Temperature in Wadi Ziqlab Area
Precipitation Trends through Time at al-Arroub

Annual Precipitation

Years BP
Precipitation Trends through Time at al-Arroub

Annual Precipitation

Years BP

mm
Temperature Trends through Time at al-Arroub

Mean Annual Temperature

Years BP

Degrees Celsius
Proposed Dead Sea level stage
Dead Sea level according to Mount Sedom caves using average diapir rising rates of 0, 3, 6, and 9 mm/yr.
Maximal stage 3 Dead Sea level according to Mount Sedom caves, with limited evidence
Historic Dead Sea level (Klein, 1986)
Snails date and Dead Sea level (Goodfriend et al., 1986)
^{14}C wood dates, Mount Sedom caves (Frumkin et al., 1991); most probable calibrated date with 1 S.D.
Dead Sea sediments and disseminated organics date (Neev and Emery, 1967)
Synthetic diagram of arboreal pollen factors compared with the present (Horowitz, 1992)
Mediterranean Landscape Dynamics

Landuse and Landscape Socioecology in the Mediterranean Basin

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