This documentation file was generated on 2022-03-11 by Matthieu Giaime.

GENERAL INFORMATION

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1. Title of Dataset: Data related to the paper "Refining Late-Holocene environmental changes of the Akko coastal plain and its impacts on the settlement and anchorage patterns of Tel Akko (Israel)"

2. Authorship:

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DESCRIPTION

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1. Dataset language:

English

2. Abstract:

The data present the ecology of ostracods identified in sedimentary cores collected at the archaeological site of Tel Akko (Israel).

3. Keywords:

sediment ; ostracods ; archaeology

4. Date of data collection (single date or date range):

2018-06-01 - 2019-07-01

5. Date of dataset publication

2022-03-11

6. Funding sources

 Funding agency: United States-Israel Binational Science Foundation

 Project number: 2016080

7. Geographic location/s of data collection

Tel Akko, Akko/Haifa Bay, Northern Israel

ACCESS INFORMATION

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1. Dataset Creative Commons License:

CC BY-NC

2. Dataset DOI:

https://doi.org/10.5565/ddd.uab.cat/257530

3. Related publication

Giaime M, Artzy M, Jol HM, Salmon Y, López GI, Abu Hamid A. “Refining Late-Holocene environmental changes of the Akko coastal plain and its impacts on the settlement and anchorage patterns of Tel Akko (Israel)”. Marine Geology (2022), 106778. DOI https://doi.org/10.1016/j.margeo.2022.106778.

METHODOLOGICAL INFORMATION

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1. Description of methods used for collection-generation of data:

Sediment cores were collected using were collected in plastic liners using a hydraulic percussion driller (Geoprobe DT22). Core sub-samples from every stratigraphic unit were taken for micropaleontological and sedimentological analyses. Sediments were sieved with water. Ostracods were picked from the sand fraction >125 μm and identified using atlases and specific literature.

FILE OVERVIEW

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1. File List:

 Filename: Dataset\_Giaime\_etal\_Akko\_Marine\_Geology\_2022 Short description: Ostracod content of the core sediments.

TABULAR DATA-SPECIFIC INFORMATION

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1. File name: Dataset\_Giaime\_etal\_Akko\_Marine\_Geology\_2022

2. Number of columns and rows:

45 columns,

66 rows

3. Variable list:

 Variable name: Core name

 Description: Name of the core

 Units of measurement or value labels: -

 Variable name: Depth

 Description: depth of sample

 Units of measurement or value labels: top depth of each sample in cm

 Variable name: Ostracod species abundance (%)

 Description: Abundance of each individual ostracod species

 Units of measurement or value labels: percentage

 Variable name: Ostracod ecology – relative abundance (%)

 Description: Abundance of each individual ostracod species

 Units of measurement or value labels: percentage

 Variable name: Number of valves

 Description: Number of valves per sample

 Units of measurement or value labels: absolute value