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

GENERAL INFORMATION

-------------------

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:

Name: Giaime, Matthieu

Institution: Universitat Autònoma de Barcelona. Institut de Ciència i Tecnologia Ambientals

Email:matthieu.giaime@uab.cat

ORCID: 0000-0002-1261-0047

Name: Artzy, Michal

Institution: University of Haifa. Hatter Laboratory, Leon Recanati Institute for Maritime Studies

Email: michal.artzy@gmail.com

Name: Jol, Harry

Institution: University of Wisconsin-Eau Claire. Department of Geography & Anthropology

Email: JOLHM@uwec.edu

ORCID: 0000-0002-9903-765X

Name: Salmon, Yossi

Institution: University of Haifa. Hatter Laboratory, Leon Recanati Institute for Maritime Studies

Email: yossi.salmon@gmail.com

Name: Lopez, Gloria

Institution: University of Haifa. Hatter Laboratory, Leon Recanati Institute for Maritime Studies

Email: lopezgi.phd@gmail.com

ORCID: 0000-0002-7884-6204

Name: abu Hamid, Amani

Institution: Israel Antiquities Authority

Email: amani.ah.2008@gmail.com

DESCRIPTION

-----------

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

------------------

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

--------------------------

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

--------------

1. File List:

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

TABULAR DATA-SPECIFIC INFORMATION

---------------------------------

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