

Data Description

Data Number (will be filled by the Commons Center)	DPPSCdbp_2023-08en
Title	Collection and analysis of oasis settlement data in Wilaya of Ghardaia, Algeria
Creator	Natsune Wada (Represented by Prof. Kosuke Matsubara)
Contact information	Prof. Kosuke Matsubara matsub@sk.tsukuba.ac.jp
Summary (Subject and/or Methodology for generation)	The project will travel to Algeria in September 2023 to collect various data in the Ghardaia province. Methods of collection include literature collection at libraries, etc., interviews with relevant persons, and fieldwork. The project was conducted by the representative, Wada (2nd year master's student, former specialist researcher at the Embassy of Japan in Algeria), and Mieno (undergraduate student, one-year exchange student in Morocco). The data included: population trends by city, land use changes, land use and land development density changes in the valley of Mouzab, an oasis settlement located in the Ghardaïa province; average climate information for the Ghardaïa province from 2005 to 2014; flood records for the Mouzab River and surrounding rivers in the 20th century, including Ghardaïa in 1978 Climate of Algerian cities, area of palm forests in the world, measurement records of facilities related to traditional water use systems such as wells, dams, and vents in different regions (based on field surveys), number of wells per city, colonial taxes and their breakdown, population trends (trends by age, population growth rate, by sex and ethnicity, fertility rate), number of administrative districts Population density and number of workers by industry.
Update History (Versions, File names, Dates)	Version 1.0, MDA 提出用_アルジェリア, Updated on 2024, March 18
Data formats	Excel
Data sizes	58.6KB
Things to be aware of when using the data (e.g., required metadata)	Some data derived from books and other materials collected during field research in Algeria.
Related reports and/or papers	<ul style="list-style-type: none"> Natsune Wada, Formation and Transformation of Traditional Water Management System in the Oasis of M'zab Valley, Algeria, Master's Thesis, University of Tsukuba, 2024.

	<ul style="list-style-type: none">▪ Natsune Wada and Kosuke Matsubara, Formation and Transformation of Traditional Water Management System in the Oasis of M'zab Valley, Algeria, Architectural Institute of Japan, 2024 (to be submitted).▪ Natsune Wada and Kosuke Matsubara, Formation and Transformation of the Traditional Water Management System in the Oasis of the M'zab Valley, Algeria, Proc. of the Architectural Institute of Japan, 2024 (to be submitted).▪ Kosuke Matsubara, "Ibadite Architecture of Ghardaia and Djerba Island: Inspiration for Le Corbusier's Longchamp Chapel," Heritage and the Middle East, University of Tokyo Press, 2024.
Other remarks	N/A