
Plan Overview

A Data Management Plan created using DMPonline

Title: 中国城市PM2.5和PM10浓度时空分布特征及健康风险评估——以京津冀地区为例

Creator: SuiYe Wan

Project Administrator: 王瑞, 王瑞

Affiliation: Other

Template: DCC Template

Project abstract:

使用Echarts和VOSviewer对PM2.5和PM10浓度时空分布特征及健康风险评估进行可视化分析。本研究旨在探讨中国城市PM2.5和PM10浓度时空分布特征及其对健康的潜在影响。通过收集和分析相关数据，本研究将揭示PM2.5和PM10浓度的时空分布规律，并评估其对健康的潜在风险。研究结果将为制定有效的空气污染防治策略提供科学依据。本研究采用Echarts和VOSviewer等工具进行数据可视化分析，以直观展示PM2.5和PM10浓度的时空分布特征及其对健康的潜在影响。研究结果将有助于制定更加科学合理的空气污染防治策略，以保障公众健康。

ID: 194989

Start date: 31-01-2018

End date: 31-01-2023

Last modified: 14-01-2026

Copyright information:

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customise it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

Data Collection

What data will you collect or create?

2018-2023 26 26 PM2.5 NO₂ GDP

How will the data be collected or created?

API Python API

Documentation and Metadata

What documentation and metadata will accompany the data?

JSON

Ethics and Legal Compliance

How will you manage any ethical issues?

How will you manage copyright and Intellectual Property Rights (IPR) issues?

CC BY OGD MIT

Storage and Backup

How will the data be stored and backed up during the research?

NAS Git

GitLab

How will you manage access and security?

SSL/TLS
AES-256

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

GIS

What is the long-term preservation plan for the dataset?

1
NetCDF
GeoJSON
DOI
3
10

Data Sharing

How will you share the data?

GitHub
Gitee
MIT

Are any restrictions on data sharing required?

Responsibilities and Resources

Who will be responsible for data management?

What resources will you require to deliver your plan?

1 GIS 2 ScienceDB 3 1 4

Planned Research Outputs

Dataset - "Population and Health Statistics (2018-2023)"

Population and Health Statistics (2018-2023) is a dataset containing demographic and health data for various countries. It includes information on population growth, birth rates, death rates, and health indicators such as life expectancy and infant mortality. The data is sourced from the World Bank and the United Nations. The dataset is available in both English and Spanish. It is a valuable resource for researchers and policymakers interested in population and health issues. The dataset is updated annually and is available for download in CSV or Excel format. It is a public domain dataset and can be used for research and analysis. The dataset is a key component of the Population and Health Statistics project, which aims to provide comprehensive data on population and health trends worldwide. The dataset is a critical tool for understanding the challenges and opportunities facing populations around the world. It is a testament to the commitment of the World Bank and the United Nations to providing high-quality data for the benefit of all. The dataset is a valuable asset for the research community and is a key resource for understanding the world's population and health. It is a testament to the power of data to inform policy and drive positive change. The dataset is a key component of the Population and Health Statistics project, which is a landmark initiative in the field of population and health research. The dataset is a critical tool for understanding the world's population and health, and it is a testament to the commitment of the World Bank and the United Nations to providing high-quality data for the benefit of all.

Planned research output details

Title	DOI	Type	Release date	Access level	Repository(ies)	File size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Population and Health Statistics (2018-2023)		Dataset	2024-01-01	Open	None specified		Creative Commons Attribution 4.0 International	None specified	No	No