
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

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Project abstract:

利用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。通过构建时空分布模型，分析PM2.5和PM10浓度在京津冀地区的时空分布特征，并评估其对健康的潜在风险。研究结果表明，PM2.5和PM10浓度在京津冀地区呈现明显的时空分布特征，且与健康风险密切相关。本研究为改善京津冀地区空气质量、降低健康风险提供了科学依据。

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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 of the United States (2018-2023)"

Dataset covering 2018-2023, updated 26 January 2026. This dataset provides a comprehensive overview of the United States population, including demographic and geographic data. It is a valuable resource for researchers and analysts studying population trends and patterns.

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 of the United States (2018-2023)		Dataset	2024-01-01	Open	None specified		Creative Commons Attribution 4.0 International	None specified	No	No