keenjhar lake

A Data Management Plan created using DMPTool

Creators: Faaiz Rafique, Faaiz Rafique, Asad Laghari, Muhammad Awais

Affiliation: Non Partner Institution

Template: U.S. Geological Survey (USGS)

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Project and Contact Information

Project details and Task: KEENJHAR LAKE
Keenjhar Lake is situated in Thatta District, Sindh, Pakistan. It is 122 km away from Karachi and 18 km away from the town of Thatta. It is the second largest fresh water lake in Pakistan. It is an important source that provides drinking water to Thatta District and Karachi city.
Submission Date: Before next class
Learning Objectives
- To create a data management plan
- To modify metadata in ArcGIS

Deliverables
- Data Management Plan for a project
- Modified data with metadata description

Plan and Acquire

Water quality samples are proposed to be taken at KB Feeder and Horoolo drain.

Describe and Manage Quality

Photos will be stored as .jpg files in separate files for each year and labeled with the river mile, river side, and direction the picture was taken. Each photo also contains an information board with the date it was taken, the location, and the direction it was taken.

Backup/Secure and Preserve

While collecting data in the field, electronic data from all tablets will be backed up daily onto multiple external drives. Each drive will be stored on separate boats in waterproof containers during the day.

Publish and Share

Two kinds of reports will be regularly generated from the data collected as a part of this project. Annual monitoring reports will provide basic summaries of species encountered, diversity estimates, measures of richness, and average covers of herbaceous and woody vegetation. The 5-year status and trends report will be published as a USGS Open File Report and will analyze all available data to assess the status and trends of riparian vegetation, particularly as it relates to hydrologic changes. The topics covered and analyses used in these reports will change over time, but will include at a minimum how the riparian vegetation, especially in the active channel, has responded to differing flow regimes over time.