Exploring Evolutionary Mechanisms in Biodiversity DMP

Science Europe
Data Management Plan

01 Sep 2024 12:00

Data Management Plan was expanded using Datenzee expanders «https://github.com/datenzee»

Contacts

There are the following contacts related to the project of this DMP:
• **John Doe** (john.doe@example.com)

Contributor

There are the following contributors related to the project of this DMP:
• **John Doe** (john.doe@example.com), Role: *Principal Investigator*
• **Richard Hue** (richard.hue@example.com), Role: *Junior researcher*
• **Calvin Poe** (calvin.poe@example.com), Role: *Data steward*

Projects

We will be working on the following project and for those are the data and work described in this DMP.

Exploring Evolutionary Mechanisms in Biodiversity

Start date: 02 Sep 2024
End date: 31 Oct 2024
This project aims to investigate the fundamental processes driving evolutionary change and adaptation across diverse species and ecosystems. By studying genetic variations, natural selection, and environmental interactions, we seek to uncover how different species evolve over time and adapt to shifting ecological pressures. Using cutting-edge genomic tools, field observations, and computational models, the project will focus on key evolutionary mechanisms, such as mutation rates, gene flow, and speciation events.

Section A: Data Collection

1. What data will you collect or create?

We will reuse or produce the following datasets in the project.

BioDiversityGenomics

The BioDiversityGenomics dataset is a comprehensive collection of genetic and ecological data focused on understanding the genetic diversity and evolutionary adaptations of various species across multiple ecosystems. The dataset includes genomic sequences, population genetics data, species distribution information, and environmental variables (such as climate, habitat type, and human impact factors).
Keywords: diabetes
Issued: 01 Oct 2024 12:00
Dataset Type: None
It is unclear if the dataset contains personal data.
It is unknown if the dataset contains sensitive data.
Data will be store in university data warehouse

Distributions

This dataset will be available in the following distributions.

CSV Distribution

CSV files contains the data of patients
Format: text/csv
Byte Size: 10000000000
Access URL: http://example.com/distribution-access-url
Download URL: http://example.com/distribution-download-url
Available Until: 12 Oct 2028
Data Access: closed
From 16 Oct 2024 , this distribution uses the following license: https://www.apache.org/licenses/LICENSE-2.0 .

2. How will the data be collected or created?

We will be using the following technical resources:

Microscope Best 2.04

The Microscope Best 2.04 is a cutting-edge, high-resolution optical microscope designed for advanced biological research, featuring enhanced imaging capabilities and precise magnification control for detailed cellular and molecular analysis.