

# Biodiversity – hUmans are not alone

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Bern, March 23<sup>th</sup>, 2023



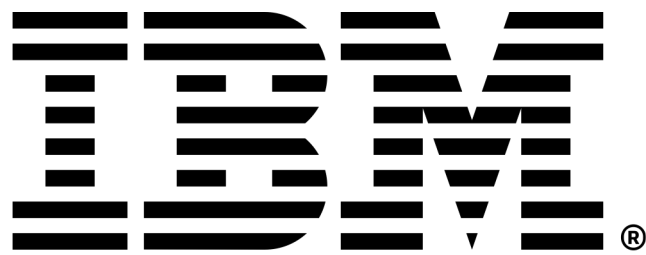
**What is Biodiversity?**

**Biodiversity or biological diversity is the variety and variability of life on Earth**

*Wikipedia*



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## Challenge

- Searching for biodiversity data is very **complex** and **time-consuming**
- Sometimes the data is scattered on **different websites**
- Sometimes **no APIs are offered**
- Sometimes the data is not found due to **missing keywords/tags**

## Our Vision

We want to investigate how leveraging **Artificial intelligence (AI)** can improve the current data search process

## Benefits

- **Find** relevant biodiversity datasets **faster**
- End users can formulate their search in **natural language**

## Existing Approach

Swiss Federal Office has launched an initiative to integrate publicly available datasets into the federal government's Linked Data Services (LINDAS)

## Goal

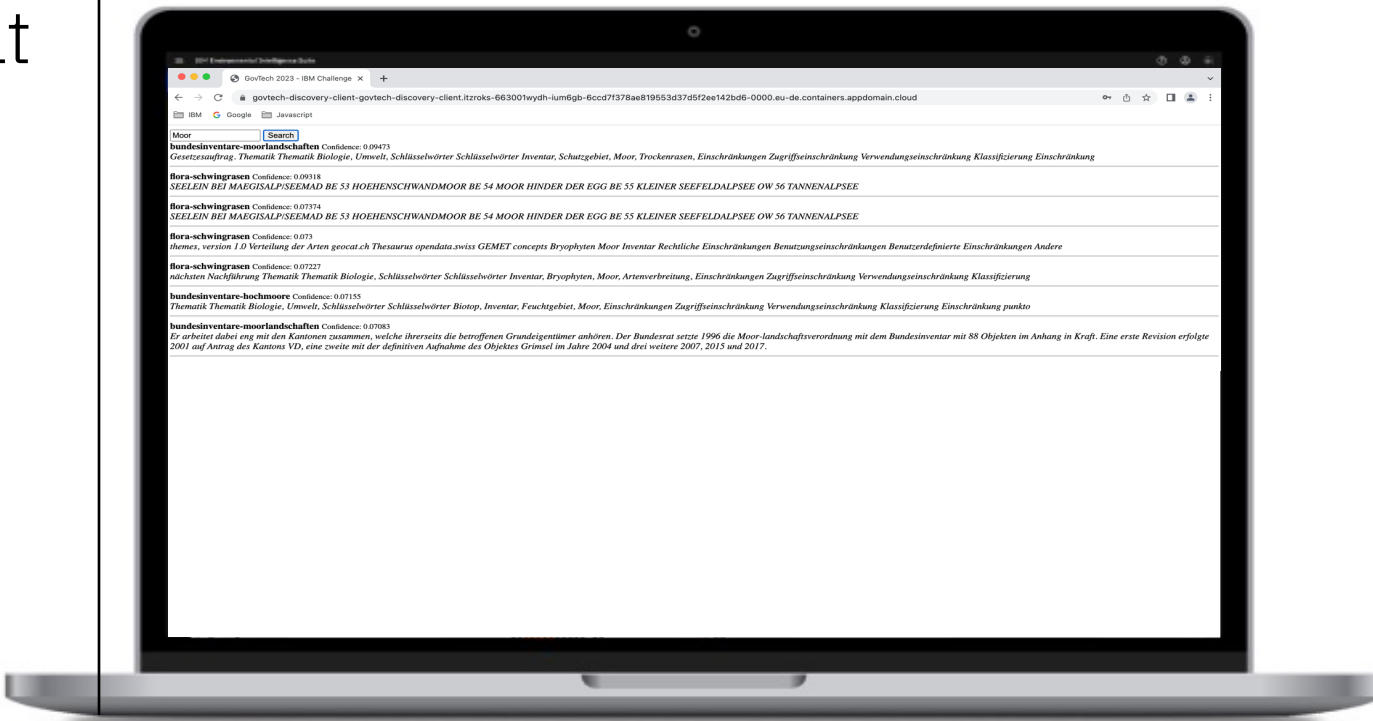
We want to create a **search interface for biodiversity data** that allows users to explore the different datasets and **gain insights** into the state of **biodiversity** in Switzerland to identify **possible scenarios** for improvement.

## Proposed Data Sources

- [Geodata](#) on biodiversity
- [LINDAS](#)
- [Data Geo](#)

## Technology

Free choice. We are very happy to support you with our IBM technology





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