# Resource Summary Report

Generated by NIF on Apr 20, 2025

## Critical Zone Observatories

RRID:SCR_002199
Type: Tool

### Proper Citation

Critical Zone Observatories (RRID:SCR_002199)

### Resource Information

**URL:** http://criticalzone.org/

**Proper Citation:** Critical Zone Observatories (RRID:SCR_002199)

**Description:** Data related to the National Critical Zone Observatory Program including in-situ environmental sensors, field instruments, remote sensing, and surface and subsurface imaging. The Program serves the international scientific community through research, infrastructure, data, and models. They focus on how components of the Critical Zone interact, shape Earth's surface, and support life. A primary goal is to develop high-resolution 4D datasets that inform our theoretical framework, constrain our conceptual and coupled systems models, and test our model-generated hypotheses. They are developing cross-CZO capabilities to easily share, integrate, analyze and preserve the wide range of multi-disciplinary data generated by CZOs.

**Abbreviations:** CZO

**Synonyms:** National CZO, US NSF National CZO program

**Resource Type:** database, data or information resource

**Keywords:** 4d, air, life, soil, rock, model, water, data set, meta-data standard

**Funding:** NSF

**Availability:** Public, Private, Acknowledgement required, Non-CZO data products have their own use policies, Which should be followed

**Resource Name:** Critical Zone Observatories

**Resource ID:** SCR_002199

**Alternate IDs:** nlx_154707

**Record Creation Time:** 20220129T080212+0000

**Record Last Update:** 20250420T015453+0000

## Ratings and Alerts

No rating or validation information has been found for Critical Zone Observatories.

No alerts have been found for Critical Zone Observatories.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.

Brewer TE, et al. (2019) Ecological and Genomic Attributes of Novel Bacterial Taxa That Thrive in Subsurface Soil Horizons. mBio, 10(5).