

CODEX: COLORADO'S CONSERVATION DATA EXPLORER

Supporting Smart and Sustainable Conservation Decisions



OVERVIEW

A coalition of partners has joined with the Colorado Natural Heritage Program (CNHP) and NatureServe to build an interactive mapping tool that hosts critical natural resources data for conservation planners and decision makers in Colorado. **Colorado's Conservation Data Explorer (CODEX)** is a one stop shop for synthesizing conservation data in Colorado catered to Colorado's unique conservation needs. The CODEX:

- **Synthesizes sensitive species data** from CNHP, CPW, Bird Conservancy of the Rockies (coming soon), and USFWS along with a myriad of related statewide datasets for conservation planning.
- Helps users **consider potential activities** in the context of comprehensive conservation planning information.
- Allows users to **submit project areas for preliminary review**, make maps, run analyses, and complete regulatory compliance steps.
- Provides a range of functions to **support all phases of the conservation easement process**, from identifying ideal locations for conservation easements to calculating an estimated annual economic benefit of conserved properties in terms of ecological services.

- Includes **COMaP**, Colorado’s comprehensive map of conservation easements and other conserved lands.
- Supports trail and other **recreational planning**, and implementation of the SHIFT principles for advancing outdoor recreation and conservation, and the Statewide Comprehensive Outdoor Recreation Plan (SCORP).
- CODEX provides **conservation information on biological diversity, protected lands, hydrology and other natural resources for planning purposes and also allows users to screen a project area for potential impacts to threatened, endangered, and special concern species and their habitats.**

CODEX Provides:

- Comprehensive data access for key needs
- An easy-to-use mapping tool
- Current, consistent, objective, accurate data
- A one-stop-shop for planning and conservation projects
- Support for regulatory compliance
- Access to decision-quality spatial data and tools without needing GIS software
- Facilitation of collaborative conservation
- Support for all involved in the conservation easement process
- Support for trail and other recreation planning
- 24/7 automated access for rapid project review
- A cost-effective, time-saving resource for Colorado’s conservation community

The CODEX Community

- CO Parks and Wildlife
- CSU
- Gates Family Foundation
- US Forest Service
- Bureau of Land Management
- Industry and Private Consulting
- Bird Conservancy of the Rockies
- USFWS
- NRCS
- Regulatory Agencies
- Keep it Colorado
- Energy Development
- Tribes
- CO Division of Conservation
- CO State Land Board
- CO Department of Transportation
- Municipalities and Counties
- Trails planners and advocates
- TNC
- Project Proponents and Reviewers
- Land Trusts
- Conservation NGOs
- GOCO
- NatureServe
- Land Owners
- Academic Research
- Interested Public
- Politicians

The CODEX Website: <https://codex.cnhp.colostate.edu/>

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