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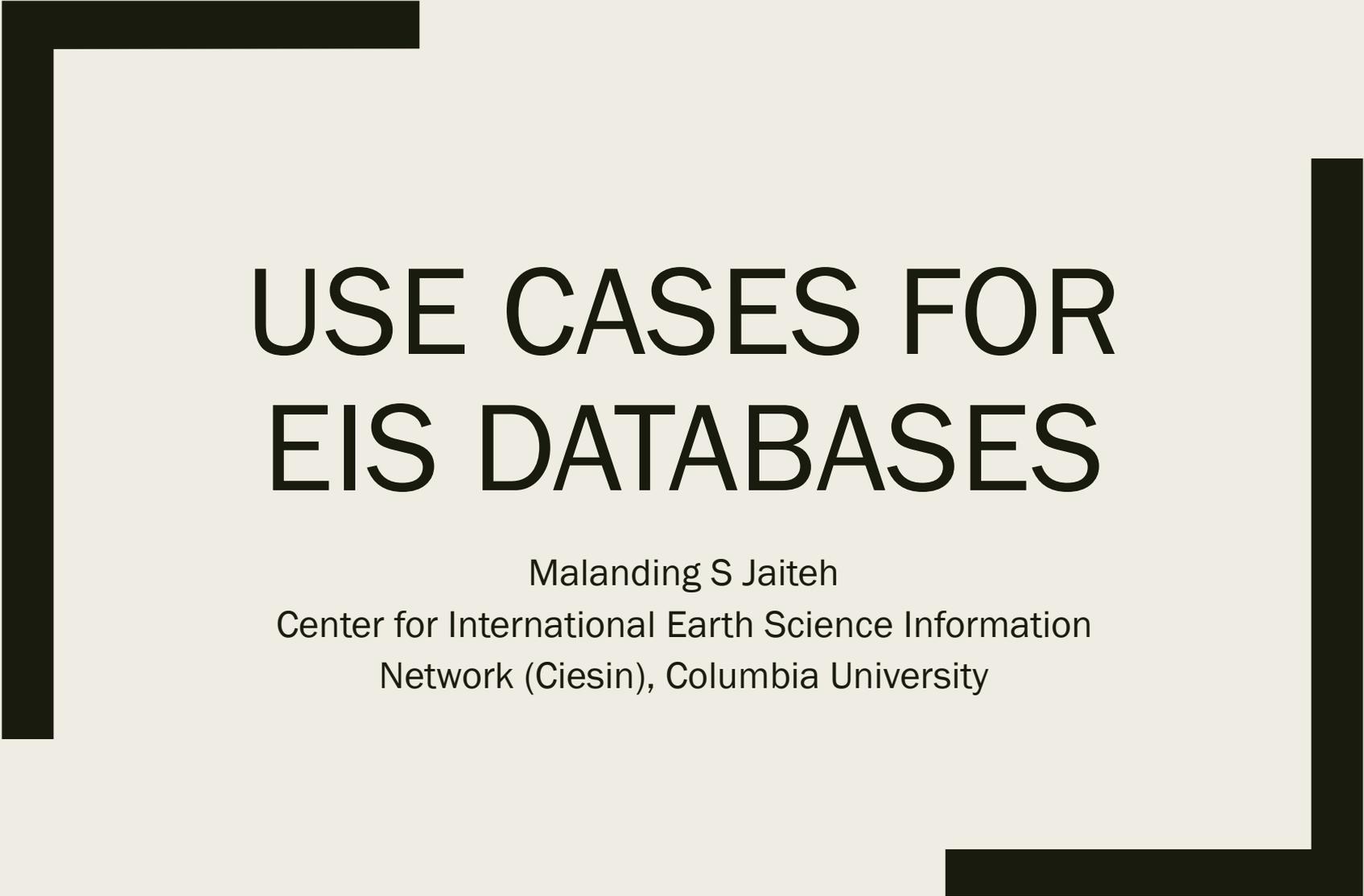
Use Cases for EIS Databases

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USE CASES FOR EIS DATABASES

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Center for International Earth Science Information
Network (Ciesin), Columbia University

Users of EIS

- Individuals and communities interested in Environmental Impacts,
- Policy makers, decision makers, environmental regulators and legal practitioners
- Industry planners and engineers
- Environmental advocates and advocacy groups
- Educators, students and researchers

Uses of EIS

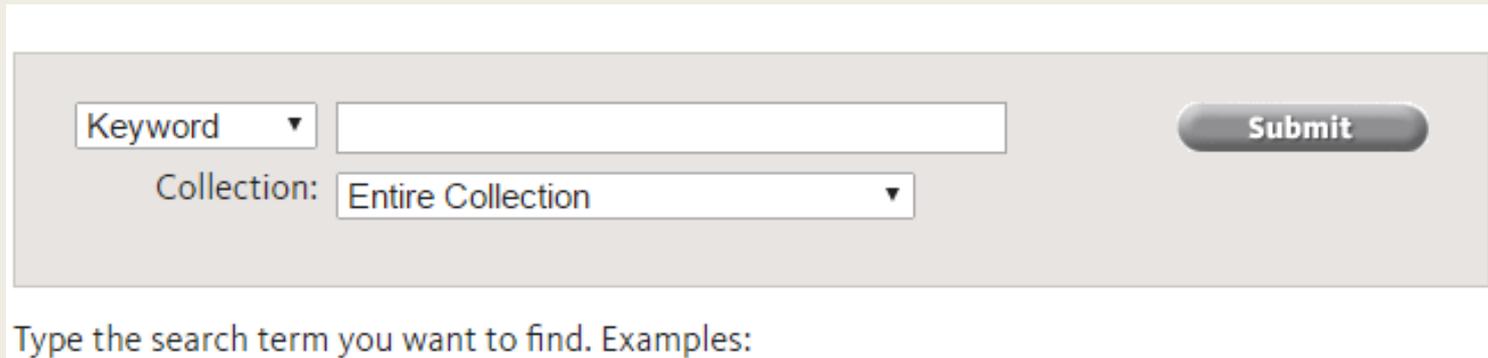
- Project Planning and Implementation
- Monitoring and Evaluation
- Accounting and Regulation

Use Case 1 – Basic User

- Target user:
 - Member of the general public
 - Interdisciplinary (social-natural science) Researchers
 - Policy/Decision Makers/Environmental advocates
 - Educators and Students (K-12, Undergrad, and Grad)

- Use Needs:
 - Interactive search, retrieve and download of EIS documents for specific user-defined location.
 - Verify if EIS exists for a target location

Basic Search Tool



The image shows a search interface with a light gray background. It features a search bar with a dropdown menu labeled "Keyword" and an empty text input field. Below the search bar is a "Collection:" dropdown menu with "Entire Collection" selected. To the right of these fields is a dark gray "Submit" button. Below the search bar, there is a text prompt: "Type the search term you want to find. Examples:".

Keyword

Collection:

Submit

Type the search term you want to find. Examples:

Place Name e.g. Hudson or New York

Use Case 2 – Advanced Users

Users with thorough knowledge of EIS who wish to search and retrieve specific EI statements or supplementary documents

- EIS experts and regulators
- Environmental policy and decision makers / administrators
- Researchers, scientists and industry practitioners

Advanced Search Tool

HOME GIS DATA CATALOG

Search for open data SEARCH WITHIN MAP

Map navigation controls: - + 🔍

Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

MAP | SATELLITE

Functionality

- Advanced search using
 - *coordinate location info/place name,*
 - *Bounding box*
 - *Themes*
 - *Keywords*
- Retrieve search results with ability to sort
 - *Filter results by Geography /Theme/Time*
- Download relevant EIS documents
- Visualize search results - documents, imagery and relevant objects