

Monteverde-Arenal Bioregion Database (MABD)

Navigation User Manual

What is MABD? The MABD is a database that serves as a central hub for scientific, educational, and community resources for the Monteverde-Arenal region. There are many different people and organizations in the region that are conducting research, environmental education efforts, and community activities. MABD provides a central, online resource base that facilitates interdisciplinary collaboration.

How can I use MABD? You can browse different projects that are going on in the Monteverde-Arenal region – these include past, current, and future (planning phase) projects. Researchers and students can look at similar or complementary research projects and potential collaborators. Educators can use the lesson plans and resources to explore environmental issues in the bioregion. Community members can stay informed about the different kinds of activities and projects that are happening in the region. And... YOU can contribute to MABD as well and share about what you are up to!

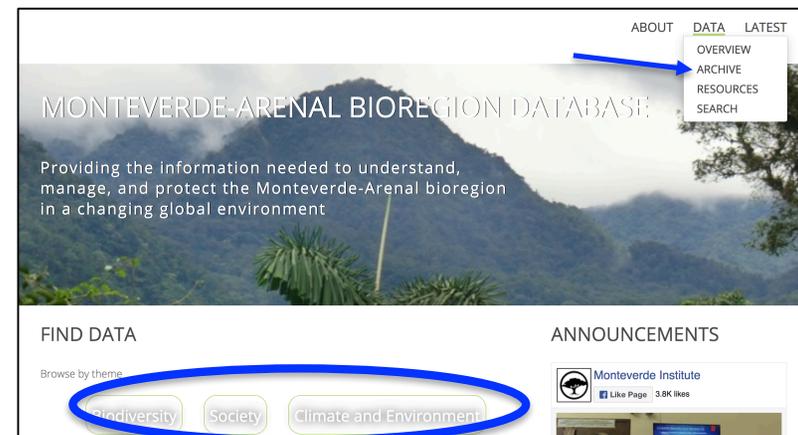
How can I add to MABD? To add your own projects and resources see the manual labeled “How to Upload a Project”.

To access the MABD, go to:

<https://bellbird.w3.uvm.edu/monteverde>

Start exploring the projects in the database! This is a living database where people can continue to add projects that they are working on or planning to do. Educators can continue to add resources they develop for the bioregion. This is also a great location to archive and share unpublished student projects and community initiatives.

- 1) To view a list of all database projects, select the “Data” tab and “Archive” underneath on the home screen, then select “All” projects.
- 2) Or, Browse projects by **theme**: “Biodiversity,” “Society,” or “Climate and Environment.”



- 3) Under “All Projects” in the Project Database, you can filter projects based on any key word, or browse by theme.

PROJECT DATABASE

All Biodiversity Society Climate and Environment



The project and dataset database contains monitoring and research information on the Monteverde / Arenal forested ecosystems. You can browse the entire list below or search in specific themes using the tabs above.

All Projects

Enter text to filter projects

Project Name	Project Type	Project Description	People	Dates
Adopt A Garden Environmental Education Lesson	Educational resource	Educational Resource: Engage students in activities and discussions about the importance of native plants in Show more	Carol Yang, Jordan Pares-Kane	2017-04-04 (Ongoing)
Biologist's meetings	Outreach and extension project	Monthly meetings of researchers and interested parties are held at the Monteverde Institute on the Show more	Debra Hamilton, Carol Yang, Emily Hollenback	2017-03-07 (Ongoing)
Biosphere in a Bottle	Educational resource	Educational Resource: Engage students in hands-on lab to create a microhabitat in a bottle to Show more	Jordan Pares-Kane	2017-03-28 (Ongoing)
Bird Communication in Costa Rica	Educational resource	Educational Resource: Engage students in discussion about the concept of bird communication here in Costa Show more	Carol Yang, Jordan Pares-Kane, Dev Joslin	2017-03-08 (Ongoing)

- 4) Each theme has subthemes to further filter your search such as “education*” under the theme “Society”. You can utilize this search technique if you are looking for a specific kind of project such as an educational resource.

PROJECT DATABASE

All Biodiversity Society Climate and Environment

Subthemes All Economics Sustainability Health Food Production Infrastructure Education



Projects listed under the theme “society” include information related to community resources and human-environmental connections. This theme includes educational, scientific, and community projects linked with topics of sustainability and social impacts on the local environment. Most of the environmental education resources are listed in this theme and subthemes include other human associated subjects such as “economics”, “health”, “food production” and “infrastructure”.

Society-themed Projects

Enter text to filter projects

Project Name	Project Type	Project Description	People	Dates
Adopt A Garden Environmental Education Lesson	Educational resource	Educational Resource: Engage students in activities and discussions about the importance of native plants in Show more	Carol Yang, Jordan Pares-Kane	2017-04-04 (Ongoing)
Biologist's meetings	Outreach and extension project	Monthly meetings of researchers and interested parties are held at the Monteverde Institute on the Show more	Debra Hamilton, Carol Yang, Emily Hollenback	2017-03-07 (Ongoing)
Bird Communication in Costa Rica	Educational resource	Educational Resource: Engage students in discussion about the concept of bird communication here in Costa Show more	Carol Yang, Jordan Pares-Kane, Dev Joslin	2017-03-08 (Ongoing)

- 5) After selecting a project, you can view its resources such as data, links, and other files under the tabs “Datasets**” and “Documents/images.” Many lesson plans and handouts are included under the “Documents” tab and can be downloaded. “Links” often include other related online resources. Select the “Contributors” tab to view people associated with the project.

PROJECT

Bird Communication in Costa Rica

OVERVIEW DATASETS CONTRIBUTORS DOCUMENTS/IMAGES

Type
Educational resource
See all contributors

Links
Video-Bird Communication in Costa Rica

PROJECT OVERVIEW

Educational Resource: Engage students in discussion about the concept of bird communication here in Costa Rica. Supplementary video (3 minutes and 44 seconds) serves as an introduction and highlights 3 different bird species including the Resplendent Quetzal, the Three Wattles Bellbird, and the long-tailed Manakin. Included handout contains pre and post-video questions intended for further discussion. // GRADES: 1st - 6th grades



PROJECT

Bird Communication in Costa Rica

OVERVIEW DATASETS CONTRIBUTORS DOCUMENTS/IMAGES

Type
Educational resource
See all contributors

Links
No links available for this project

DOCUMENTS AND FILES

Annual Reports

Name	Date
Background Info Bird Communication	NA
Handout Bird Communication Video	NA

Images

Name	Date
GIEE GIEE	2017

*Educational resources that have been uploaded have been listed under the theme “Education.” You can also search resources based on specific topics as well by navigating through the other themes and subthemes.

**For researchers and students conducting research, there may be datasets available from other projects. These datasets may be publicly available for download or you can directly contact the project manager for more information if you are interested in collaborating.

Appendix

Organization of Themes and Subthemes

Biodiversity	Society	Climate and Environment
<ul style="list-style-type: none">• Communities• Plants• Animals• Human impacts	<ul style="list-style-type: none">• Economics• Sustainability• Health• Food production• Infrastructure• Education*	<ul style="list-style-type: none">• Climate• Water• Air• Soils