

Call for Proposals: Bioacoustics Equipment and Training Program for Indonesia and Malaysia
Application Deadline: 1 September 2023 (23:59 WIB)
Grant start date: 8 November 2023

The K. Lisa Yang Center for Conservation Bioacoustics (www.birds.cornell.edu/ccb) together with the Universitas Gadjah Mada (<https://satwaliar.fkt.ugm.ac.id/>) and the Universiti Malaysia Terengganu (<https://www.umt.edu.my/>) are inviting applications for the second year of our Bioacoustics Equipment and Training Program (BEAT) for Indonesia and Malaysia. This program is designed to support researchers with training, mentoring, and equipment to establish conservation-oriented acoustic monitoring projects in Indonesia or Malaysia. The program is open to individuals or teams of researchers or conservationists who are interested in obtaining the training and tools necessary to launch independent acoustic monitoring programs. We anticipate funding 4-6 teams of researchers for this funding cycle. Previous experience in acoustic monitoring is not required! We urge participants to imagine how acoustic monitoring can transform or improve their own conservation projects.

Who should apply:

- Teams of students, researchers, conservation practitioners, and/or professionals
- No previous bioacoustics experience is needed

Eligibility:

- International teams may apply, but the project leader and at least half of the team members must be citizens or permanent residents of Indonesia or Malaysia.
- At least one member of the team must have moderate English-language proficiency to participate in virtual training sessions.
- At least one team member must be available to participate in the initial in-person training session on 8-10 November, 2023 in Yogyakarta, Indonesia (travel funding will be provided).

Over the course of one year, selected teams will receive:

- Four SwiftOne autonomous recording units (www.birds.cornell.edu/ccb/swiftone), with SD cards, batteries, and two spare microphones
- Two external hard drives for data storage
- Training in study design, deployment, and data analysis provided by Yang Center researchers (English and Indonesian)
- Mentorship from a Yang Center mentor with expertise in the proposed research area
- A certificate of completion at the end of the training program from the K. Lisa Yang Center for Conservation Bioacoustics

Selected teams are expected to:

- Collect bioacoustics data for at least 6 months
- Participate in monthly, 2-hour virtual trainings with Yang Center instructors and other grantees
- Attend monthly 1-hour Zoom meetings with Yang Center mentors
- Present preliminary results in a research symposium at the conclusion of the program
- Attend the opening in-person training session in Yogyakarta on November 8, 2023. This training session will be followed by the Southeast Asia Bioacoustics Symposium on November 9-10, where Year 1 teams will present the results of their research projects.
- Develop data sharing and authorship policies within teams (with options to extend beyond).

Applications will be evaluated by researchers from the Yang Center, Universitas Gadjah Mada, and Universiti Malaysia Terengganu on the following components:

- Rationale and significance of proposed work
- Feasibility of completing a pilot study within one year of the start of the program
- Clearly identified next steps or future goals beyond the one-year program
- Relevance of proposed project to species and/or habitat conservation
- Research experience (either potential or clear previous experience)
- Training or engaging with others beyond team
- Diverse team composition, including evidence of meaningful roles for participants at different career stages

List of lecture topics

- Equipment deployment and data collection (Introduction to passive acoustic monitoring, how to operate acoustic recorders, survey design)
- Data management (File naming, storage, and replication)
- Analysis (Data visualization, event detection, acoustic measurements, machine learning approaches)
- Additional topics chosen by the participants (e.g. grant writing, preparing publications, statistics for bioacoustics)

Statement on diversity and inclusion:

At the Yang Center, we believe that the tools and knowledge needed for effective acoustic monitoring should be accessible and inclusive, in particular for in-country researchers and conservationists and others who have been marginalized or excluded from research and conservation. Therefore, we highly encourage applicants from historically underrepresented groups to apply.

Bioacoustics Equipment & Mentorship Award: Application
Indonesia-Malaysia Program
Application Deadline: 1 September, 2023 (23:59 WIB)

Grant start date: 8 November, 2023

The goal of these awards is to provide research teams with a combination of training, mentoring, and equipment to establish conservation-oriented acoustic monitoring projects. These awards will provide teams with training and experience so that they are poised to implement and scale up monitoring programs as equipment becomes increasingly widespread and affordable. Projects are expected to contribute new data that can be used to develop or support biodiversity and habitat conservation efforts in the region. Awards include research equipment, mentorship from Yang Center scientists and technicians, and opportunities for collaboration and networking with regional partners. This program aims to establish a strong network of in-country conservation leaders who will in turn provide conservation bioacoustics research training and guidance to others.

Instructions: You are welcome to fill out the application in English, Bahasa Indonesia, or Bahasa Malaysia. Complete the cover page in the format provided. The remaining sections of the application each have strict page limits. The entire application (including the cover page) should be submitted as a single PDF document. Your submission will total approximately 10 pages. Do not include additional attachments. Font size should be no less than 11 pt with 1” margins. NOTE: Failure to follow these guidelines will result in the rejection of your application. Review your draft and the instructions carefully before submission!

Applications should be submitted electronically by sending an email to bioacoustics@cornell.edu with the subject line “BEAT Grant Application”, the last name of the submitting team member, and your country. We will accept proposals beginning July 18th until September 1 at 23:59 WIB (Western Indonesia Time).

I. COVER PAGE: Please complete all sections in the space provided.

Project Title	
Project Leader (Name, position, institution, nationality)	
Address	
Phone Number	
Email	
Team Members (Names, positions, institutions, nationalities)	
Study Location(s)	
Study Species or Topic	
Research Permits	Not required: <input type="checkbox"/> Required, in process: <input type="checkbox"/> Acquired: <input type="checkbox"/>

II. PROPOSAL NARRATIVE: Please adhere to word limits (indicated in parentheses).

Proposed Research

What are the specific research question(s) you will be investigating? (200 words)

What is the significance of your research in the larger context of scientific knowledge? (200 words)

What methods will you use to achieve your project goals (any plans for study design, deployment, and data analysis)? (200 words)

How will you share the results of your research and/or use the information to guide conservation? (200 words)

Beyond training and equipment, is there any additional technical support, scientific expertise, and/or software you need to maximize the success of your project? (150 words)

Please describe how you will engage local communities into your project? (150 words)

What resources do you have currently available for your project (150 words)?

Team Roles & Experience

Please describe the roles of each of your team members in contributing to this project. (100 words)

Please describe any relevant (non-bioacoustics) research experience held by members of your team. (100 words)

If applicable, please describe any previous bioacoustics experience held by your team members. (100 words)

Future Goals

How will participating in this training help your team achieve long-term conservation goals? (200 words)

How do you envision using acoustic monitoring beyond the one-year program? (100 words)

Capacity Building and Engagement

Please describe your plans for training or engaging with others beyond your team. (100 words)

Bibliography

Please include a bibliography of cited literature.

III. SHORT CV OF TEAM MEMBERS: Please limit to 2 pages each (11-pt font)

Include contact information, current position, educational background, relevant experience, publications, and presentations at professional meetings.