



Republic of the Philippines  
Department of Education  
REGION XI  
SCHOOLS DIVISION OF DIGOS CITY

Office of the Schools Division Superintendent

**DIVISION MEMORANDUM**

CID-2023- 179

To : Public Schools District Supervisors  
School Heads/Principals/Administrators  
Public and Private Secondary Schools

Subject : **REGIONAL WILDLIFE QUIZBOWL**

Date : May 22, 2023

Herewith is Regional Memorandum CLMD-2023-258 with the letter from Dr. Jayson C. Ibañez, Director of Research and Conservation, inviting the Department of Education, Region XI, for the Regional Wildlife Quizbowl in Davao del Sur on May 27-28, 2023 at Mapua Malayan Colleges Mindanao.

This Office informs that the participation of DepEd teachers and learners is on voluntary basis and will be subject to the policy on "No Disruption of Classes" per DepEd Order No. 9, s. 2005 entitled: "Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith" and the no-collection policy as stated in section 3 of Republic Act No. 5546, also known as An Act Prohibiting the Sale of Tickets and/or the Collection of Contributions for Whatever Project or Purpose from Students and Teachers of Public and Private Schools, Colleges and Universities (Ganzon Law)

Other details of the activity are found in the enclosures.

For information and guidance.

DepEd Schools Division of Digos City

RECORDS SECTION

RELEASED  
27-10-2024

Enclosed: As stated  
CID/lbj

BY: \_\_\_\_\_

DATE: MAY 24 2023

TIME: 9:21 pm

*Melanie P. Estacio*  
**MELANIE P. ESTACIO, CESO VI**

Assistant Schools Division Superintendent  
Officer-in-Charge, Office of the SDS



REVISED



Republic of the Philippines  
**Department of Education**  
DAVAO REGION

DepEd Schools Division of Digos City  
RECORDS SECTION  
102241  
DATE: 17 MAY 2023 TIME: 2:21  
BY: [Signature]

Office of the Regional Director

**REGIONAL MEMORANDUM**  
CLMD-2023-248

To : Schools Division Superintendents

Subject: REGIONAL WILDLIFE QUIZBOWL

Date : May 17, 2023

Herewith is a letter from Dr. Jayson C. Ibañez, Director of Research and Conservation regarding the Regional Wildlife Quizbowl in Davao del Sur and Davao Oriental on May 27-28, 2023 and June 5-7, 2023 at Mapua Malayan Colleges Mindanao and Davao Oriental State University respectively.

This Office informs that the participation of DepEd teachers and learners is on voluntary basis and will be subject to the policy on "No Disruption of Classes" per DepEd Order No. 9, s. 2005 entitled: "Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith" and the no-collection policy as stated in Section 3 of Republic Act No. 5546 also known as An Act Prohibiting the Sale of Tickets and/or the Collection of Contributions for Whatever Project or Purpose from Students and Teachers of Public and Private Schools, Colleges and Universities (Ganzon Law).

All other details of the activity are in the enclosures.

Immediate and wide dissemination of this Memorandum is hereby enjoined.

**ALLAN G. FARNAZO**  
Director IV [Signature]

By the Authority of the Regional Director

Enclosed: As stated

ROC6/mlib

DEPARTMENT OF EDUCATION DAVAO  
RECORDS SECTION  
**RELEASED**

REBONFAMIL R. BAGUIO  
Director III 17 MAY 2023

By: [Signature] 1977  
Date: [Signature] May 17, 2023



Address: F. Torres St., Davao City (8000)  
Telephone Nos.: (082) 291-1665; (082) 221-6147

ISO 9001:2015 - Certified



# PHILIPPINE EAGLE FOUNDATION

May 6, 2023

**ALLAN G. FARNAZO, CESO IV**  
*Regional Director*  
Department of Education Region XI

08 MAY 2023 10:17

**DEAR SIR ALLAN G. FARNAZO,**

Warm greetings from the Philippine Eagle Foundation! First and foremost, we want to wish you, your loved ones, and your colleagues a good state of well-being.

Davao Region is a cradle of rich biocultural diversity. Two national parks in the Davao region are included in the seven biodiversity sites located in the country: Mount Apo National Park in Davao del Sur and Mount Hamiguitan National Park and Wildlife Sanctuary in Davao Oriental. These two offer a stunning and spectacular biodiversity. They are also one of the last strongholds of the rare and critically endangered Philippine eagle – the country's national bird.

In order to raise awareness among the youth and young students of the region, we would like to host a **Regional Wildlife Quizbowl in Davao del Sur on May 27-28, 2023** covering the schools division of Davao City, Davao del Sur, Digos City, and Davao Occidental and in **Davao Oriental on June 5-7, 2023** covering the schools division of Davao Oriental, Mati City, and Davao de Oro at Mapua Malayan Colleges Mindanao and Davao Oriental State University, respectively.

In this regard, we would like to **invite the Department of Education Region XI as a CO-PRESENTER** of this exciting event. Along with this partnership is our request for your office's approval to the conduct of this activity. Also, we request your assistance in reaching out to schools under your jurisdiction to be participants of this event by issuing a memorandum.


Together with the City of Davao, City of Mati and Philippine Biodiversity Conservation Foundation, we will jointly raise public awareness of the vital importance of preserving the biocultural diversity of the province and surrounding areas. The target is to invite and subsidize the participation of at least 20 High Schools each from Davao Oriental and Davao del Sur to a three-day event.

Apart from the quiz bowl proper, the participating students will join educational trips to a few destinations in Davao City (e.g. Philippine Eagle Center, ALI Davao Carbon Forest, and Cleanergy Park) and in Mati City (Subangan Museum, Guangguang Mangrove Reserve, and the DOrSU campus). They will also hear lectures from prominent researchers and conservationists.

If you have questions or clarifications regarding this request, please contact our **CEPA Officer, Irick Francisco**, through his mobile (**0956-762-9622**).

We are sincerely hoping for your positive response to this request. Thank you very much.

Sincerely,

  
**Jayson C. Ibanez, PhD.**  
Director – Research and Conservation

**SARIBUHAY: DAVAO REGION WILDLIFE QUIZ BOWL**  
**May 26-28, 2023**

**Mapua Malayan Colleges Mindanao**

*Matina, Davao City*

---

YES, WE WILL BE ATTENDING.

NO, WE ARE UNABLE TO ATTEND.

**CONTACT PERSON'S INFORMATION**

NAME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

CELLPHONE NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

FACEBOOK PROFILE LINK: \_\_\_\_\_

## SARIBUHAY (Unity in Diversity) – Davao Region Wildlife Quiz bowl

May 27-28, 2023

Venue: Malayan Colleges of Mapua or UP Mindanao Auditorium Davao City

### I. Identifying Information

Proponents: Philippine Eagle Foundation (PEF) and the UP Mindanao Biological Society (UPMin-BIOS)

Project Short Name: SARIBUHAY: Davao Region Wildlife Quiz Bowl

Contacts: Jayson Ibanez, PhD, Director – Research & Cons; [ibanez.jayson@gmail.com](mailto:ibanez.jayson@gmail.com); Irick Francisco – CEPA Officer; [irickfrancisco.work@gmail.com](mailto:irickfrancisco.work@gmail.com)

Target Participants: Junior and Senior High School Students of DAVAO CITY, DAVAO DEL SUR and Davao Occidental

### II. Executive Summary

The Philippines is among the 17 mega-diversity countries of the world. But it is also one of the most biologically devastated island archipelagoes in the world. Its ancient vegetation, the tropical forests that harbor a large proportion of this unique biological diversity, has been devastated. Creating a generation of forest and wildlife-friendly citizens that takes into account biodiversity needs in their personal decisions is therefore important if we are to sustain healthy forest ecosystems and human well-being into the future.



The National Wildlife Quiz Bowl hosted by the Philippine Eagle Foundation in Davao City last Nov. 2019

The SARIBUHAY Wildlife Quiz Bowl contributes to building wildlife conservation awareness and behavior among participating youth. This event is intended to achieve the following: (i) enhance forest and wildlife conservation awareness and knowledge of high school students, teachers and academic institutions, (ii) encourage the study and learning of Philippine forests, its unique wildlife, and its conservation at the high school level, and (iii) engage academic institutions on biodiversity conservation and awareness activities.

### III. Background and Rationale

The Philippines is one of only 17 megadiversity countries in the world, and it owes much of its terrestrial biological diversity to its tropical forest ecosystem. Estimates suggest that more than 90 % of the total land area of the Philippines is covered with forests of various types prior to Spanish colonization.

Tropical forests – one of the most biologically rich habitats in the world – therefore, is the country's ancient vegetation.

Through the creative powers of evolution, at least six types of Philippine forests (i.e. mangrove, beach, molave, dipterocarp, pine and mossy forests) gave rise to the country's unique wildlife. But the primordial vegetation of the ancient Philippines, is down to only less than 20 % of the country's land area. It's primary dipterocarp forests – the richest in terms of plant and animal diversity it contains – is down to less than 10 % of the original. Such loss has consequences to the forests' wildlife inhabitants, the ecosystems they form and the many ecological, cultural and economic services it provides to humanity.



**2019 National Wildlife Quiz Bowl participants learning about the beetles of ALI-Davao Carbon Forest from Beetle expert Dr. Milton Medina of University of Mindanao**

Public knowledge and awareness about Philippine Forest biodiversity and its values (material and non-material) among the Filipino youth remains limited. For example, the western education system that we've been exposed to have used exotic animals in foreign ecosystems such as tigers of Asian forests, bears of northern continents and the elephants of African savannahs in text books; not the endemic Philippine eagles, Philippine crocodiles and Philippine deer of Philippine tropical forests. These "Filipino" wildlife are comparable (if not better) icon animals.

Indeed, the integration of our unique biodiversity and its conservation into the formal education curriculum as mandated by the law remains weak.

There are also very little experiential forest and wildlife learning opportunities provided

by our formal education institutions for our youth. Field trips to or off-campus activities in natural places to experience wildlife are often deprioritized for fear of students' safety, particularly in private schools where parents and teachers are over-protective of their students. Experiential learning theories (see Kolb 1984) predict that the lack of meaningful and processed experiences reduces youth access to practical life lessons and skills.

The quiz bowl targets junior and senior high school students from different public and private schools across Davao City and the provinces of Davao Occidental and Davao del Sur. Cognitive learning theories predict that youth within this particular age-bracket already has the ability to make decisions based on knowledge of options and their consequences. At these ages, they also tend to build skills to become self-sufficient, and they seek increased power over their own lives.

We predict that youth participation to the quiz bowl, the tedious and disciplined preparation that comes with it, and the talks and learning sessions on-site, contributes to molding young leaders who will embrace wildlife conservation as a citizen obligation. All of these are consistent with the legal mandate of the National Environmental Awareness and Education Act or RA 9512.

#### IV. Overall Project Goal

The project's over-all goal is to develop an ethics of forest and wildlife conservation among Filipino youth. To achieve this long-term goal, the project will be guided by specific objective:

##### A. Objectives

Support the acquisition of forest and wildlife conservation knowledge and experiences among high school students from across the Philippines who are participating in the quiz bowl

Expected Result	Indicator of Success	Means of Verification	Assumption
a. Sixty high school students from 30 private and public schools across Davao City, Davao del Sur and Davao Occidental participated	All 60 students rating the event as very satisfactory at the very least	Likert scale evaluation sheets	All students turn in their evaluation sheets
b. Sixty high school students exposed to a day of forest and wildlife experiential learning opportunities at the Philippine Eagle Center, Cleanergy Park and the PEF/ALI Carbon Forest	Learning gain assessments shows at least 50 % learning	Summary of pre- and post-test assessments	All students join the field trips

#### V. Methods

The annual National Wildlife Quiz Bowl started in 2015 with the intention of raising awareness and appreciation of the wildlife and biodiversity of the Philippines among secondary schools. But in order for schools to join this national competition, they should belong to the top three winners of any regional wildlife quiz bowl competition. The Davao Region Quiz Bowl to be held in May, 2023 would result to winner participation to the national event in November, 2023.

The topics covered in the contest centers on (i) basic biology, ecology, and diversity of Philippine wildlife, (ii) Philippine biogeography, (iii) environmental laws, (iv) environmental events and (v) new discoveries, among others.

The event is also an opportunity for participants to visit and learn about our Philippines biodiversity by bringing them to nature learning sites. For the 2023 Regional Quiz Bowl in Davao City, student delegates will visit the (i) Philippine Eagle Center in Malagos, (ii) the Aboitiz Cleanergy Park and the (iii) PEF/ALI Carbon Forest in Bago Gallera. Prior to these site visits, wildlife talks by three experts and a group of undergraduate students studying wildlife from UP Mindanao will be held during the day of the quiz bowl as further source of knowledge inputs.

**A. Regional Wildlife Quiz Bowl** - Participants to the quiz bowl must be registered Junior and/or Senior High school students from Davao City, Davao del Sur and Davao Occidental. Only two students with one teacher-coach will represent each school. These students should be endorsed by the school principal and should also show parent consent. The top three winners would then compete in the National Wildlife Quiz in November.

Below are the important competition mechanics:

#### COMPETITION MECHANICS

1. This quiz bowl shall be open to public and private high schools of Davao City, Davao del Sur and Davao Occidental. A certificate of endorsement from the school principal and parent consents must be submitted by the participating students on the day of the quizbowl.
2. Each participating school shall be represented by one team of two *bona fide* students and one teacher-coach.
3. The questions used in this quiz bowl are based on the subjects of basic biology, ecology, Philippine wildlife, Philippine biogeography, environmental laws, and environmental issues.
4. This quiz bowl shall have three rounds namely Easy/Elimination, Average, and Difficult Round.
5. Wrong spelling is considered a wrong answer.
6. Scientific names should be written properly.
7. Cheating in any form shall automatically disqualify a team.
8. Clarifications, questions, and protests should be addressed to the Board of Judges before the next question is asked otherwise these shall be considered void.
9. The decision of the Board of Judges shall be final and irrevocable.

**B. Wildlife talks** - Expert academics or forest/wildlife conservation practitioners will be invited to give popular talks (TED talk style) to the students on the day of the quiz bowl. We will particularly concentrate on tropical forests and its bird and beetle inhabitants. Each speaker will be given 30 minutes, including time for a short talk-back. The proposed talk topics are the following:

1. "Fantastic Bees and how to save them" by Dr. Rey Abad, Professor at Davao Doctor's College and CEO of ALCON Farms.
2. State of Wildlife Conservation in Davao Region by DENR XI representative
3. "Confessions of a Beetle-holic: why beetles matter" by Dr. Ann Cabras, National Geographic Fellow and Professor at Davao Oriental State University



4. Science engagement among youth: The THINNKFARM approach by Mr. Ariestelo Asilo. Founder and Executive Director, ThinnkFarm, Inc.
5. UP Mindanao Wildlife Studies Students: Parade of unique and threatened Philippine wildlife: five-minute SPEED TALKS

### C. Nature Experiences

1. Aboitiz Cleanergy Park Tour – on the morning of May 28, all delegates will visit the Cleanergy Park to see a mangrove sanctuary and the work undertaken to rehabilitate injured and sick marine turtles. The students will also visit the nesting sites of marine turtles at the park (see <https://www.facebook.com/aboitizfoundation/videos/1679165418812270/>)
2. PEF-ALI Carbon Forest tour – From the Cleanergy Park, the delegates will proceed to the PEF- ALI Davao Carbon Forest to do the following: (i) tree planting, and (ii) nature walks (see [https://www.youtube.com/watch?v=nd7qoUTRAPk&ab\\_channel=PhilippineEagleFoundation](https://www.youtube.com/watch?v=nd7qoUTRAPk&ab_channel=PhilippineEagleFoundation)).
3. Philippine Eagle Center (PEC) tour - On the afternoon of Nov 25, all delegates will do a tour of the PEC to experience the following: (i) Philippine eagles and other Philippine raptors on display, and the (ii) Raptors in Flight (RIF) demonstrations (<https://book.philippineeaglefoundation.org/>).

### Project Team Composition

Name	Position	Tasks
Jayson Ibanez and Lisa Paguntalan	Event Chairs	Jayson and Lisa will ensure that the Davao City event conforms to the standards of the National Quizbowl hosting. They will be responsible for the sound implementation of the quiz bowl
Irick Francisco	Event Coordinator (PEF)	He will be responsible for the over-all design and execution of the quiz bowl. He will also supervise the work of other committees and staff.
Miles Royeca	Event Coordinator (UP MinBIOS)	Co-coordinate the Quiz bowl with Irick
Daphne Angelique Marigmen	Accommodations and Field Trip coordinators	She will ensure that accommodations and field trip arrangements are covered and executed

Name	Position	Tasks
Leendon Apostol	Quizbowl and talk coordinator	He will ensure that quizbowl logistics and resource person talk arrangements are covered and executed
Gliceria Ibanez Jhessa Piel	Logistics Team	They will ensure that all logistical needs of the event are covered and provided
Ruru Pongol	Assessment facilitator	She will ensure that the event assessments and learning gains pre- and post-test assessments are executed and summarized

#### List of Partner Organizations and Agencies

Name	Type of Organization	Tasks
Philippine Biodiversity Conservation Foundation Inc	NGO	Major Project Collaborator
UP Mindanao Biology Society (BIOS)	Student Organization	Major Project Collaborator
Apo Fraternity and Sorrority - UP Mindanao	Socio-civic Organization	Assisting Organization
Dep Ed – Davao City, Davao del Sur and Davao Occidental	Government Organization	Major Project Collaborator

#### Monitoring and Evaluation Framework

We will employ standard activity assessments for each of the major components. For example, for each talk, there will be talk assessment forms that will be sent out to know degree of satisfaction by the audience of the talks. Learning gains will also be assessed for the field work (experiential learning) component of the activities.

**SARIBUHAY (Unity in Diversity) – Davao Region Wildlife  
Quiz bowl**

May 26-28, 2023

Venue: MCM Auditorium Davao

**Proposed Schedule of Activities**

<b>Date</b>	<b>Activity</b>	<b>Remarks</b>
May 26 (Friday)	Davao Occidental and Davao del Sur Participants travel and overnight stay	Accommodation venue to be determined
May 27 (Saturday)		
8:00 AM – 12:00 Noon	Quiz Bowl Proper	Venue to be announced (MCM or UP Mindanao Auditorium)
12:00 – 1:00 PM	Lunch	
1:00 – 5:00 Talk Proper	<ol style="list-style-type: none"> <li>1. "Fantastic Boos and how to save them" by Dr. Rey Abad</li> <li>2. State of Wildlife Conservation in Davao Region by DENR XI representative</li> <li>3. "Confessions of a Beetle-holic: why beetles matter" by Dr. AnnCabras,</li> <li>4. Science engagement among youth: The THINNKFARM approach by Mr. Ariestelo Asilo. Founder and Executive Director, ThinkFarm, Inc.</li> <li>5. UP Mindanao Wildlife Studies Students: Parade of unique and threatened Philippine wildlife; SPEED TALKS</li> </ol>	Venue to be announced (MCM or UP Mindanao Auditorium)
5:00 – 6:00 PM	Announcement of Winners and Awarding of Certificates	
6:00 – 7:30 PM	City Mayor's Office Dinner Reception at the MCM	c/o City Government of Davao City
May 28 (Sunday)		
7:30 – 9:00 AM	Visit to the Aboitiz Cleanergy Park	c/o Aboitiz Foundation
9:00 – 10:00 AM	Travel to PEF-ALI Davao Carbon Forest	Busses courtesy of Davao City LGU and/or DCWD

Date	Activity	Remarks
10:00 – 12:00 Noon	Tree planting and Carbon Forest Tour	c/o PEF
12:00 – 1:00 PM	Lunch at ALI-Davao Carbon Forest	
1:00 – 2:30 PM	Travel to the Philippine Eagle Center	Busses courtesy of Davao City LGU and/or DCWD
2:30 – 3:30 PM	Tour of the Philippine Eagle Center	PEF Education team
3:30 - onwards	Homeward bound	