



Benguet State University
College of Arts and Sciences
DEPARTMENT OF BIOLOGY
La Trinidad, Benguet

EXTENSION ACTIVITY:

**“Establishing Science and
Policy Linkage with Local
Government Units”**

April 27, 2018
9:00 am - 5:00 pm
CAS Little Theatre



EXTENSION TRAINING DESIGN FORM

| | | | |
|----------------|-------------------------|------------------|---|
| Document Code: | QF – R & E OES – 1.b | Revision Number: | 0 |
| Effectivity: | | Page 1 of 4 | |



I. Basic Information:

Activity Title: **Establishing Science and Policy Linkage with LGUs**
Date and Venue: **April 27, 2018 at the Function Hall, 2nd Floor Land Bank, Benguet State, La Trinidad Benguet University, La Trinidad, Benguet**
Target Participants: **Local Government Units of Baguio City and La Trinidad (Barangay Levels)**
Estimated Cost: **PhP 25,000.00**
Fund Source: **BSU Extension**
Proponents: **Department of Biology**



Cooperating Agencies/Units: **Atty. Julie Velasco of the Institute of Public Administration**

II. Rationale:

One of the important functions of the Benguet State University is to establish a Science and Policy Linkage in the context of providing advice on science, technology and innovation (STI) to policy makers in order to safeguard the environment, economy as well as society, towards sustainable development. Hence, the Department of Biology envisions to establish a strong Science and Policy Linkage.

Establishing a link between science and policy provides a venue where dialogues between science and policy is encouraged as well as a mutual involvement in addressing environmental concerns are achieved, while respecting the necessary autonomy of both communities.

In order to achieve this, Science has to be relevant and must be considered relevant by Policy-makers. On the other hand, Policy-making has to be open and receptive for scientific advice and for the implications of scientific engagement in public debate.

In the end, this activity is geared towards the cooperation of Science and Policy makers where Science can provide the evidence and policy makers are able to come up with "Evidence-Based Policy" towards solving environmental problems.

III. Objectives:

Objective:

1. To establish a link between science and policy by creating a venue where results of scientific researches can be imparted to policy makers;
2. Vis a vis, to provide a venue for policy makers to create possible/future policies to address scientific findings of environmental problems;
3. Finally, to provide a venue for participatory problem solving.
4. To produce a list of potential research that is needed by the different LGUs.

IV. Target Participants: 100 participants from the LGU and BSU

- 3 Baranggay Officials of Abatan, Buguias
- 3 Baranggay Officials of Busol, La Trinidad Benguet
- 3 Baranggay Officials of Pinsao, Baguio City
- 3 Baranggay Officials of Guisad, Baguio City
- 4 Municipal Environment and Natural Resources Office of La Trinidad, Benguet
- 4 City Environment and Parks Management Office of Baguio City
- 13 Department Faculty
- 12 Student Speakers
- 12 Student as Poster Presenters
- 43 Students and Other Guests



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V. Management:

| Speakers | Topic |
|------------------------|---|
| Marjorie B. Balonglong | Comparative Analyses of Management Practices and Water Quality of Pinsao Pilot Project and Central Guisad Springs |
| Daphne Kate K. Bayas | |
| Kenken B. Pascua | |
| Richelle B. Basatan | Particulate Matter Sequestration: An Ecosystem Service of Forest in La Trinidad and Baguio City |
| Reynante S. Quinones | |
| Noemi Wais | |
| Analyn Siteg | Farmers Knowledge & Practices on Pesticides in Selected Barangays of Buguias, Benguet |
| Lorena Lomyog | |
| Evangeline Caramto | |
| Nicole R. Aromin | The Blue Spot Model: Assessment of Flood Risk Areas In Baguio City and La Trinidad, Benguet |
| Nelva P. Balbin | |
| Journey T. Balmonte | |

| Poster Presenters | Topics |
|-----------------------|--|
| Elvie Rose Langgonyan | Electronic Waste Generated in BSU Main Campus, La Trinidad, Benguet |
| Fely Galino | |
| Cangsan, Rexson A. | Arboreal Diversity and Water Quality Comparison of an Urban-based Watershed vs. Rural-based watershed |
| Dumlao, Chelsea M. | |
| Aldrin V. Baniaga | Influence of Water Hyacinth on the Cytotoxicity of Balili River Water Based on <i>Allium cepa</i> Assay |
| Esther G. Gumilao | |
| Judilyn S. Uligan | Assessment of the traffic condition along national road at La Trinidad, Benguet and its effects to the community |
| Christy G. Paydoan | |
| Rhealyn L. Tiw-ac | |

Mark Khalid Madayag

| Faculty | Committee and Roles |
|---|--|
| Elizabeth T. Dom-ogen Joyce N. Paing Lourdes F. Eslava | Budget Committee |
| Romeo A. Gomez, Jr Joanna I. Alafag Miffy Joy B. Badival | Program and Communication Committee |
| Sherlyn Tipayno Jones T. Napaldit | Hall Preparation |
| Verna Duque-Lacanlale | Student Coaching |
| Aurea Marie S. Sandoval Maricel A. Guron Atty. Julie Velasco Verna Duque-Lacanlale | Moderators and Facilitators |
| Janice P. Balangen | Registration, Timekeeping and Evaluation |

VI. Date and Venue:

April 27, 2018 at the Function Hall, 2nd Floor Land Bank, Benguet State University, La Trinidad, Benguet



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VII. Training Mechanics:

1. **SEMINAR:** A seminar called “Establishing Science and Policy Linkage” shall be conducted during the Earth Day Celebration on **April 27, 2018**.
2. **RESEARCH DISSEMINATION:** Results of special projects and thesis conducted by 4th Year BSES students will be presented to the LGUs of Baguio City and La Trinidad (Barangay levels). Representatives of different Barangays or targets Barangays, where the research were conducted, will be invited to participate in the workshop. Students will present their corresponding research during the workshop.
3. **POLICY MAKING WORKSHOP.** In the afternoon session, a workshop on policy making will be conducted. Barangay Representatives will be grouped and will be asked to develop a policy that could potentially solve the environmental problems presented in the research. In the end, the group’s outputs will present be presented by their representatives.
4. **PARTICIPATORY PROBLEM SOLVING.** Participatory (science/academe and the policy makers) problem solving will be conducted after the policy making activity.
5. **FUTURE COLLABORATION.** Identify possible areas for research that are the main concerns of the Barangays

VIII. Expected Output:

1. Research Dissemination
2. Draft Environmental Policy for Proposal to their different LGUs
3. Establish Partnership with LGUs
4. List of research topics that the LGU needs.

IX. Budgetary Requirements

Breakdown of Budgetary Requirements:

| ACTIVITIES | Item | Unit | Unit Price | Total |
|--|---------------------|---------------|----------------|---------|
| Planning | | | | |
| Poster for the Extension Activity | c/o UPAO | 1 | | |
| Creation of Posters for Presentation | tarpaulin | 4 | 3x5x18=270 x 4 | 1080.00 |
| Sending out of communication to the identified LGU representatives | Fare | | | |
| | Abatan, Buguias | 2 | 160.00x2x2 | 640.00 |
| | Busol (La Trinidad) | 2 | 25x2x2 | 100.00 |
| | CEPMO (Baguio City) | 2 | 20x2x2 | 80.00 |
| Printing of Materials | Ink | 1 set (CMYK) | 2,000.00 | 2000.00 |
| | Paper | 2 rim (short) | 180.00 | 360.00 |
| | Special Paper | 10 dozens | 45.00 | 450.00 |
| Request for Supplies | Expanding Envelope | 20 | 15.00 | 300.00 |
| | Manila Paper | 20 | 7.00 | 140.00 |
| | Ballpen | 2 boxes | 150.00 | 300.00 |
| | Marker | 10 | 35.00 | 350.00 |



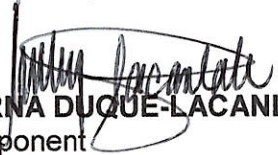
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| | | | | |
|--------------|-------------------------|-----|--------|-----------------|
| | Safety Pin | 50 | 2.00 | 100.00 |
| | Masking Tape | 2 | 50.00 | 100.00 |
| Food | AM Snack | 100 | 50.00 | 5000.00 |
| | Lunch | 50 | 110.00 | 5500.00 |
| | PM Snack | 100 | 50.00 | 5000.00 |
| Token | Speaker and Facilitator | 4 | 500.00 | 2000.00 |
| TOTAL | | | | 23500.00 |

*For continuing projects on extension, please attach situation analysis, baseline data

Prepared by:


VERNA DUQUE-LACANLALE
Proponent

Endorsed by:


CHARLIE M. DAGWASI
College Extension Coordinator, CAS

Noted by:


JOANNA I. ALAFAG
Chairperson, Department of Biology


SAMUEL S. POLIDEN
Dean, CAS

Recommending Approval:


RUTH S. BATANI
Director, OES
4/12/2018


CARLITO P. LAUREAN
Vice President for Research and Extension

Funds Appropriated:


ESTRELLITA M. DACLAN
Supervising Administrative Officer

Funds Availability:


IMELDA B. GALINATO
Chief Accountant

Approved:


FELICIANO G. CALORA, JR.
President
17 APR 18



EXTENSION
PROJECT/ACTIVITY
REGISTRATION

| | | | |
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| R & E Center/Institute/College: Department DEPARTMENT OF BIOLOGY Classification: <table><tr><td><input type="checkbox"/></td><td>Project</td><td><input checked="" type="checkbox"/></td><td>Activity</td></tr><tr><td><input checked="" type="checkbox"/></td><td>BSU Funded</td><td><input type="checkbox"/></td><td>Outside Funded</td></tr><tr><td><input type="checkbox"/></td><td>International</td><td><input type="checkbox"/></td><td>National</td></tr><tr><td></td><td></td><td><input type="checkbox"/></td><td>Regional</td></tr></table> | | <input type="checkbox"/> | Project | <input checked="" type="checkbox"/> | Activity | <input checked="" type="checkbox"/> | BSU Funded | <input type="checkbox"/> | Outside Funded | <input type="checkbox"/> | International | <input type="checkbox"/> | National | | | <input type="checkbox"/> | Regional | Date Submitted: April 5, 2018 Duration: 1 day Start [mo/yr.] April 27, 2018 End [mo/yr.] April 27, 2018 Status: <table><tr><td><input checked="" type="checkbox"/></td><td>New</td></tr><tr><td><input type="checkbox"/></td><td>On-going</td></tr><tr><td><input type="checkbox"/></td><td>Others [pls. specify]</td></tr></table> | | <input checked="" type="checkbox"/> | New | <input type="checkbox"/> | On-going | <input type="checkbox"/> | Others [pls. specify] | | | | | |
|---|-----------------------|--|----------------|-------------------------------------|----------|-------------------------------------|-------------------|--------------------------|----------------|--------------------------|---------------|--------------------------|----------|--|--|--------------------------|----------------|---|--|-------------------------------------|-----|--------------------------|----------|--------------------------|-----------------------|--|--|--|--|--|
| <input type="checkbox"/> | Project | <input checked="" type="checkbox"/> | Activity | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | BSU Funded | <input type="checkbox"/> | Outside Funded | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | International | <input type="checkbox"/> | National | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <input type="checkbox"/> | Regional | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> | New | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | On-going | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | Others [pls. specify] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project/Activity Location: 2ND FLOOR LANDBANK BENGUET STATE UNIVERSITY LA TRINIDAD BENGUET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Title: | | Project Leader: Name: VERNA DUQUE-LACANLALE Signature: _____ Institute/Center: _____ Division: _____ College: CAS – 002 Department: DEPARTMENT OF BIOLOGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Activity Title: ESTABLISHING SCIENCE AND POLICY LINKAGE WITH LOCAL GOVERNMENT UNITS | | Project Leader: Name: _____ Signature: _____ Institute/Center: _____ Division: _____ College: _____ Department: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Budget Summary: Total Approve Budget: <table><tr><th>Item</th><th>Q1</th><th>Q2</th><th>Q3</th><th>Total</th></tr><tr><td>Personal Services</td><td></td><td></td><td></td><td></td></tr><tr><td>MOOE</td><td></td><td></td><td></td><td></td></tr><tr><td>Capital Outlay</td><td></td><td></td><td></td><td></td></tr><tr><td>Total</td><td></td><td></td><td></td><td></td></tr></table> | | Item | Q1 | Q2 | Q3 | Total | Personal Services | | | | | MOOE | | | | | Capital Outlay | | | | | Total | | | | | Other Extensionists: Joanna I. Alafag Aurea Marie S. Sandoval Romeo A. Gomez, Jr Maricel A. Guron Sherlyn C. Tipayno Elizabeth T. Dom-ogen Joyce N. Paing Jones T. Napaldit Janice P. Balangen | | | |
| Item | Q1 | Q2 | Q3 | Total | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Personal Services | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOOE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capital Outlay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expected Final Output/s: <ul style="list-style-type: none">RESEARCH DISSEMINATIONENVIRONMENTAL POLICY PROPOSALPARTNERSHIP WITH LGULIST OF POTENTIAL RESEARCH NEEDS OF LGUs | | Collaborating Researcher/s/Agency/ies, if any: Atty. Julie Velasco Institute of Public Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| To be filled-up by OES Checklist before issuance of SO: Final Approved Extension Proposal Workplan Schedule MOA/MOU | | Verified by: SAMUEL S. POLIDEN Dean, CAS | | 4-11-18 Date Signed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Institute/Center/ Project/Activity College Code: _____ Code: _____ | | Recommending Approval: RUTH S. BATANI Director, OES | | 9/12/2018 Date Signed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Approved for Implementation: CARLITO P. LAUREAN Vice-President for Research and Extension | | 4/13/18 Date Signed | | | | | | | | | | | | | | | | | | | | | | | | | | |



**EXTENSION
PROPOSAL FORM**

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|----------------|-----------------------|------------------|---|
| Document Code: | QF – R & E OES 2.a | Revision Number: | 0 |
| Effectivity: | | Page 1 of 1 | |

Title of Extension Project Proposal: **Establishing Science and Policy Linkage with LGUs**
Location of the Project Proposal: **Function Hall, 2nd Floor Land Bank, Benguet State University, La Trinidad Benguet**
Type of Clientele: **Local Government Units of Baguio City, La Trinidad and Buguias (Barangay Levels)**
Proponent [Center/Institute/College]: **Department of Biology**
Extension Leader: **Verna Duque-Lacanlale**

Rationale:

One of the important functions of the Benguet State University is to establish a Science and Policy Linkage in the context of providing advice on science, technology and innovation (STI) to policy makers in order to safeguard the environment, economy as well as society towards sustainable development. Hence, the Department of Biology envisions to establish a strong Science and Policy Linkage.

Establishing a link between science and policy provides a venue where dialogues between science and policy is encouraged as well as a mutual involvement in addressing environmental concerns are achieved, while respecting the necessary autonomy of both communities.

In order to achieve this, Science has to be relevant and must be considered relevant by Policy-makers. On the other hand, Policy-making has to be open and receptive for scientific advice and for the implications of scientific engagement in public debate.

In the end, this activity is geared towards the cooperation of Science and Policy makers where Science can provide the evidence and Policy makers are able to come up with "Evidence-Based Policy" towards solving environmental problems.

Objective:

1. To establish a link between science and policy by creating a venue where results of scientific researches can be imparted to policy makers;
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4. To come up with a list of potential research that is needed by the different LGUs.

Methodology:

- **SEMINAR:** A seminar called "Establishing Science and Policy Linkage" shall be conducted during the Earth Day Celebration on **April 27, 2018**.
- **RESEARCH DISSEMINATION:** Results of special projects and thesis conducted by 4th Year BSES students will be presented to the LGUs of Baguio City and La Trinidad (Barangay levels). Representatives of different Barangays or targets Barangays, where the research were conducted, will be invited to participate in the workshop. Students will present their corresponding research during the workshop.
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Budgetary Requirements:

| ACTIVITIES | JUL | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN |
|-----------------------------------|-----|-----|------|-----|-----|-----|-----|-----|------------|-----------------|-----|-----|
| Planning | | | | | | | | | | 6000.00 | | |
| Conduct of Research Dissemination | | | | | | | | | | 15500.00 | | |
| Awarding of Certificates | | | | | | | | | | 2500.00 | | |
| TOTAL | | | | | | | | | PhP | 23500.00 | | |

Prepared by:


VERNA DUQUE-LACANLALE
Proponent

Endorsed by:


CHARLIE M. DAGWASI
College Extension Coordinator, CAS

Noted by:


JOANNA I. ALAFAG
Chairperson, Department of Biology

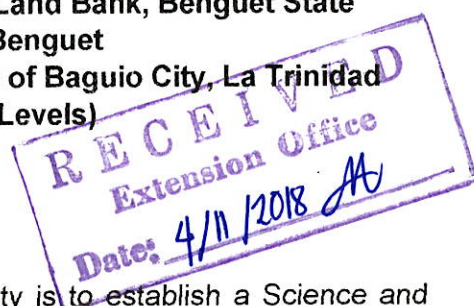

SAMUEL S. POLIDEN
Dean, CAS



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April 18, 2018

HON. ROMEO K. SALDA

Mayor

Municipality of La Trinidad, Benguet

THRU: MR. ARTHUR A. PEDRO
MENR Officer



SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

SIR:

In celebration of Earth Day 2018, the Department of Biology, Benguet State University wishes to invite **4 representatives** from your office to participate in a **Seminar-Workshop** entitled **"Establishing Science and Policy Linkage with Local Government Units"** on **April 27, 2018 (Friday)** at **CAS Little Theater, Benguet State University**.

Furthermore, the representatives will be asked to provide comments and suggestions of the policies and ordinances resulting from the policy making workshop of barangay officials.

This activity is geared towards the cooperation of Science and Policy makers where Science can provide the evidence and Policy makers are able to come up with "Evidence-Based Policy" towards solving environmental problems. The seminar-workshop is divided into 4 components namely:

- a. **RESEARCH DISSEMINATION:** Results of special projects and thesis conducted by 4th Year BS Environmental Science students will be presented to the LGUs of Baguio City and La Trinidad (Barangay levels). Representatives of different Barangays or targets Barangays, where the research were conducted, will be invited to participate in the workshop.
- b. **POLICY MAKING WORKSHOP.** In the afternoon session, a workshop on policy making will be conducted. Barangay representatives will be grouped and asked to develop a policy that could potentially solve the environmental problems presented in the research. In the end, the group's outputs will be presented by their representatives.
- c. **PARTICIPATORY PROBLEM SOLVING.** Participatory (science/academe and the policy makers) problem solving will be conducted after the policy making activity.
- d. **FUTURE COLLABORATION.** Identify possible areas for research that are the main concerns of the Barangay.

Attached is a copy of the program for your perusal. For any inquiries, you may contact Verna D. Lacanlale at 0910-194-1178 or Joanna I. Alafag at 0915-289-8963 or 422-2127 local 54. Please confirm the names of the participants on or before **April 24, 2018** to facilitate the preparation of certificates.

Thank you very much for your cooperation and we look forward to a meaningful collaboration with your office.

Sincerely,


Joanna I. Alafag

Chairperson, Department of Biology
Benguet State University

Endorsed:


Samuel S. Poliden, Ph.D.

Dean, College of Arts and Sciences
Benguet State University


Kenneth A. Laruan, Ph.D.

Vice President for Academic Affairs
Benguet State University

P.H.I.L.O.S.O.P.H.Y.
Growing in the science
of life.

V.I.S.I.O.N.

The leader in the
pursuance of higher
learning
in the life sciences in
the Cordilleras.

M.I.S.S.I.O.N.

To nurture generations
of graduates who
possess in-depth
knowledge in
addressing concerns in
the biological
and environmental
sciences.

O.B.I.E.C.T.I.V.E.S.

To inculcate in the
students adequate
skills which are
essential towards the
pursuit of biological
research and
investigation;

To train students who
will generate and
propagate knowledge
for human
development;

To develop achievers
who will lead in building
a progressive and
clean environment;

To establish a core of
professionals with
proper attitudes and
values who are
dedicated to serve the
University, community
and country; and

To build a community
of learners and
scholars who can
participate actively in
improving the quality of
life.



Biology



Benguet State University
College of Arts and Sciences
DEPARTMENT OF BIOLOGY
La Trinidad, Benguet

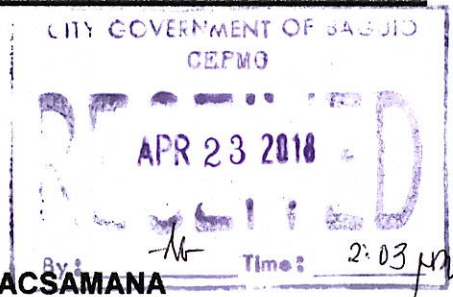
Tel. No.: 422-2127 (Loc. 54) Fax. No.: 422-2281 E-mail Add.: biology_bsu@yahoo.com



April 18, 2018

HON. MAURICIO G. DOMOGAN
Mayor
City of Baguio

THRU: MS. CORDELIA C. LACSAMANA
CEPM Officer



SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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Thank you very much for your cooperation and we look forward to a meaningful collaboration with your office.

Sincerely,

Joanna I. Alafag
Chairperson, Department of Biology
Benguet State University

Endorsed:

Samuel S. Poliden, Ph.D.
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Biology

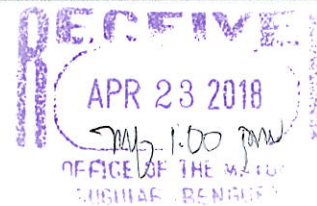


April 20, 2018

MR. RUBEN L. TINDA-AN

Mayor

Buguias, Benguet



SUBJECT: *Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.*

SIR:

In celebration of Earth Day 2018, the Department of Biology, Benguet State University wishes to invite **1 representative** from your office to participate in a **Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.**

Furthermore, the representatives will be asked to provide comments and suggestions of the policies and ordinances resulting from the policy making workshop of barangay officials.

This activity is geared towards the cooperation of Science and Policy makers where Science can provide the evidence and Policy makers are able to come up with "Evidence-Based Policy" towards solving environmental problems. The seminar-workshop is divided into 4 components namely:

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Biology

April 20, 2018

MS. ROWENA BILLIG

FPA Coordinator

Benguet Province

SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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Kenneth A. Laruan, Ph.D.

Vice President for Academic Affairs
Benguet State University

UCD for FPA Apr 23, 2018
Rowena F. Billig
09131-958-2691



April 18, 2018

gab 4-20-18

ATTY. JULIE BINALDO-VELASCO

Faculty Member, Institute of Public Administration
Benguet State University

SUBJECT: *Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.*

Dear Atty. Velasco:

In celebration of Earth Day 2018, the Department of Biology, Benguet State University wishes to invite you to participate in a **Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.**

Furthermore, may we request you to serve as a facilitator during the policy making workshop and provide comments and suggestions of the policies and ordinances resulting from the workshop of barangay officials.

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April 20, 2018

MR. AVELINO BAGUILLET
Punong Barangay
Buyacaoan, Buguias, Benguet

SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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Recd By. Avelino Baguilet

04-23-2018

PHILOSOPHY

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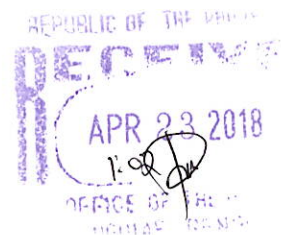
Biology

April 20, 2018

MR. LEONARDO CALABIAS

Punong Barangay

Amgaileyguy, Buguias, Benguet



SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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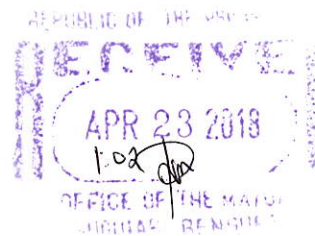


April 20, 2018

MR. MELCHOR C. GUESEY

Punong Barangay

Catlubong, Buguias, Benguet



SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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April 18, 2018

MR. ALBERT G. FACKAYAN JR.

Punong Barangay

Central Guisad, Baguio City

SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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Biology



April 18, 2018

MR. SOTERO DULAYCAN

Punong Barangay

Pinsao Pilot Project, Baguio City

SUBJECT: Invitation to Seminar-Workshop entitled "Establishing Science and Policy Linkage with Local Government Units" on April 27, 2018 (Friday) at CAS Little Theater, Benguet State University.

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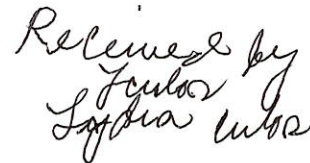

Joanna I. Alafag

Chairperson, Department of Biology
Benguet State University

Endorsed:


Samuel S. Poliden, Ph.D.

Dean, College of Arts and Sciences
Benguet State University


4-24-18

Kenneth A. Laruan, Ph.D.

Vice President for Academic Affairs
Benguet State University

P.H.I.L.O.S.O.P.H.Y.

Growing in the science
of life

V.I.S.I.O.N.

The leader in the
pursuance of higher
learning
in the life sciences in
the Cordilleras

M.I.S.S.I.O.N.

To nurture generations
of graduates who
possess in-depth
knowledge in
addressing concerns in
the biological
and environmental
sciences

O.B.J.E.C.T.I.V.E.S.

To inculcate in the
students adequate
skills which are
essential towards the
pursuit of biological
research and
investigation;

To train students who
will generate and
propagate knowledge
for human
development;

To develop achievers
who will lead in building
a progressive and
clean environment;

To establish a core of
professionals with
proper attitudes and
values who are
dedicated to serve the
University, community
and country; and

To build a community
of learners and
scholars who can
participate actively in
improving the quality of
life.



POSTER PRESENTATION

"Arboreal Diversity and Water Quality Comparison of an Urban-based Watershed vs. Rural-based Watershed"

Rexson A. Cangsan

Chelsea M. Dumlao

Adviser: Dr. Sherlyn C. Tipayno

"Electronic Waste Generated in BSU Main Campus, La Trinidad, Benguet"

Elvie Rose S. Langgoyan

Fely F. Galino

Adviser: Ms. Elizabeth T. Dom-ogen

"Influence of Water Hyacinth on the Cytotoxicity of Balili River Water Based on *Allium cepa* Assay"

Aldrin V. Baniaga

Esther G. Gumilao

Judilyn S. Uligan

Adviser: Dr. Sherlyn C. Tipayno

"Assessment of the Traffic Condition along National Road at La Tinidad, Benguet and its Effects to the Community"

Christy G. Paydoan

Rhealyn L. Tiw-ac

Adviser: Dr. Sherlyn C. Tipayno

COMMITTEES

Program and Communication

Dr. Joanna I. Alafag

Dr. Romeo A. Gomez Jr.

Ms. Miffy Joy B. Badival

Hall Preparation

Dr. Sherlyn C. Tipayno

Mr. Jones T. Napaldet

Student Coaching

Ms. Joanna I. Alafag

Ms. Elizabeth T. Dom-ogen

Ms. Maricel A. Guron

Ms. Verna D. Lacanlale

Ms. Sherlyn C. Tipayno

Moderators and Facilitators

Ms. Maricel A. Guron

Dr. Romeo A. Gomez Jr.

Ms. Verna D. Lacanlale

Atty. Julie B. Velasco

Dr. Aurea Marie M. Sandoval

Registration, Timekeeping and Evaluation

Ms. Janice P. Balangen

Ms. Lourdes F. Eslava

Food and Budget

Ms. Elizabeth T. Dom-ogen

Ms. Lourdes F. Eslava



Benguet State University

DEPARTMENT OF BIOLOGY

"Establishing Science and Policy Linkage with Local Government Units"

April 27, 2018

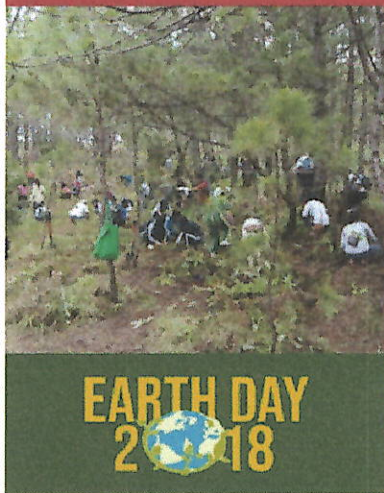
9:00 am - 5:00 pm

CAS Little Theatre

This serves as an Invitation



Department of Biology BENGUET STATE UNIVERSITY



**EARTH DAY
2018**

ESTABLISHING SCIENCE & POLICY LINKAGE WITH LOCAL GOVERNMENT UNITS

April 27, 2018
CAS LITTLE THEATER



Rationale:

One of the important functions of the Benguet State University is to establish a Science and Policy Linkage in the context of providing advice on science, technology and innovation (STI) to policy makers in order to safeguard the environment, economy as well as society towards sustainable development. Hence, the Department of Biology envisions to establish a strong Science and Policy Linkage.

Establishing a link between science and policy provides a venue where dialogues between science and policy is encouraged as well as a mutual involvement in addressing environmental concerns are achieved, while respecting the necessary autonomy of both communities.

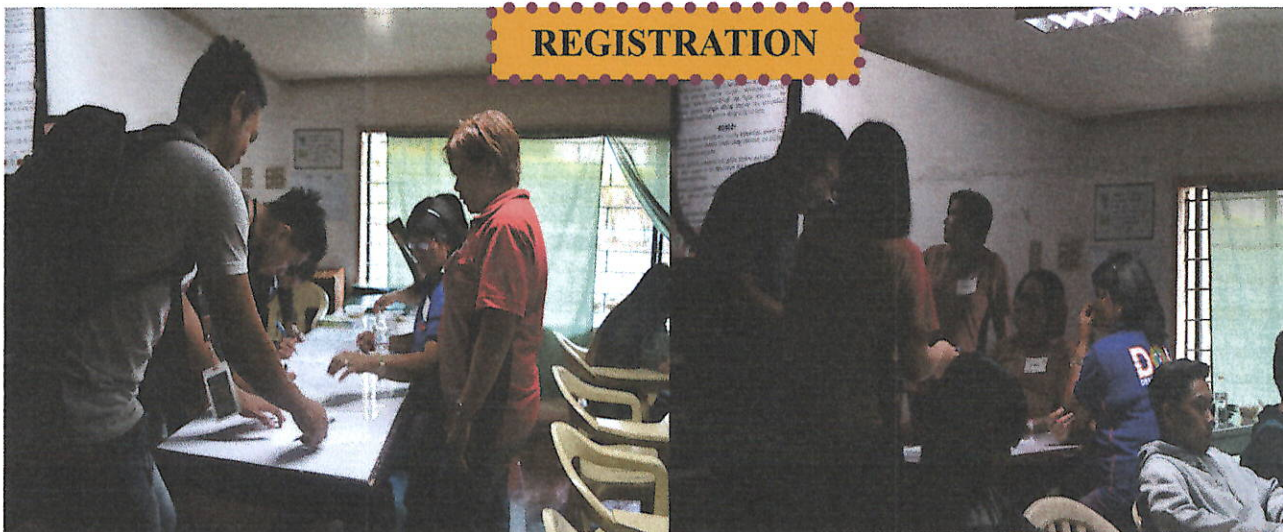
In order to achieve this, Science has to be relevant and must be considered relevant by Policy-makers. On the other hand, Policy-making has to be open and receptive for scientific advice and for the implications of scientific engagement in public debate.

In the end, this activity is geared towards the cooperation of Science and Policy makers where Science can provide the evidence and Policy makers are able to come up with "Evidence-Based Policy" towards solving environmental problems.

Objective:

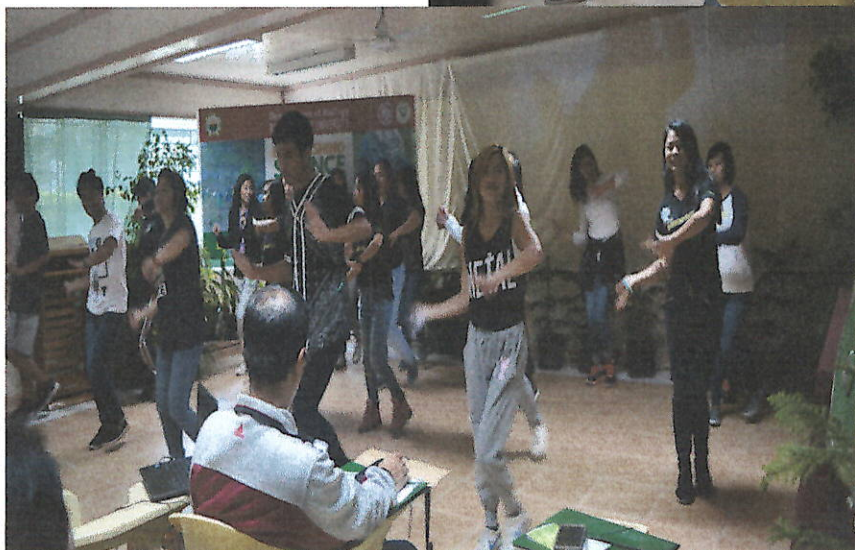
1. To establish a link between science and policy by creating a venue where results of scientific researches can be imparted to policy makers;
2. Vis a vis, to provide a venue for policy makers to create possible/future policies to address scientific findings of environmental problems;
3. Finally, to provide a venue for participatory problem solving.



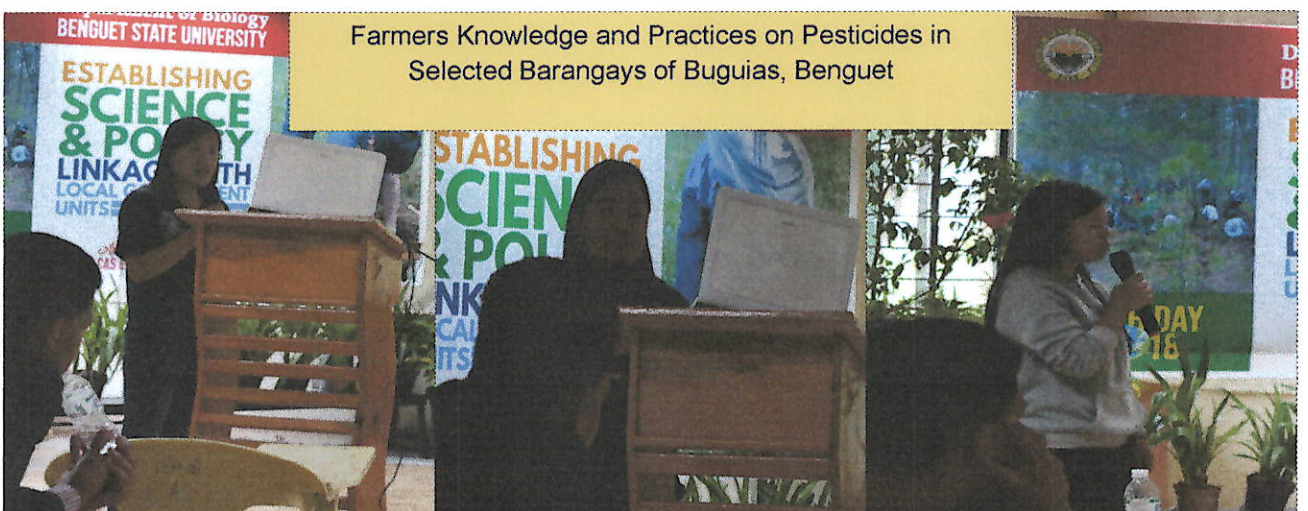


Dr. Andres Basalong, representing VPRE graced the occasion by appreciating the initiative of the department to come up with this activity. At the same time, he challenged the students to make more innovative studies such as microorganisms that can degrade plastics.

The 3rd year BSES students rendered an intermission to lighten the mood before the presentation of researches.



RESEARCH DISSEMINATION



RESEARCH DISSEMINATION

Participants from the different LGUs raised questions and clarifications which will help them in the drafting of policies.



POLICY MAKING WORKSHOP & PARTICIPATORY PROBLEM SOLVING

In the afternoon session, a workshop on policy making was conducted. Barangay representatives were grouped and asked to develop a policy that could potentially solve the environmental problems presented in the research. In the end, the group's outputs were presented by their representatives.



FUTURE COLLABORATION

Representatives from the LGU's Identified possible areas for research that are the main concerns of the Barangay. Some of the identified potential researches are assessment of carbon emissions, identification of microorganisms used in bioremediation,



POSTER PRESENTATION

Other researches were also presented in poster formats.





Benguet State University
College of Arts and Sciences
DEPARTMENT OF BIOLOGY



present this

Certificate of Appreciation




to




*for her invaluable service as COORDINATOR of the Department Extension Activity with the theme
"Establishing Science and Policy Linkage with Local Government Units"
held on April 27, 2018 at CAS Little Theatre,
Benguet State University, La Trinidad, Benguet.*

*Given this 27th day of at CAS Little Theatre, Benguet State University,
La Trinidad, Benguet.*


SAMUEL S. POLIDEN
Dean, CAS


CARLITO P. LAUREAN
VP Research and Extension


FELICIANO G. CALORA, JR.
President