



Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc, Mountain Province



Extension Unit

IEC on the Vulnerability and Adaptive Capacity to Climate Change of Rice Based Agro-ecosystem in Mountain Province

August 8, 10, 16, 17, 23, 31, 2017



Republic of the Philippines

Mountain Province State Polytechnic College

Bontoc Campus

TERMINAL REPORT

Training Title:	Information Education Campaign regarding the assessment on vulnerability and adaptive capacity to climate change of rice based agro ecosystem in Mountain Province
Extension Component:	Information Dissemination/Workshop
Extension Program:	Climate Change
Cooperating Agency:	Sadanga – LGU, Sagada-LGU, Bauko-LGU, Barlig – LGU, Natonin LGU and Tadian LGU of Mountain Province
Implementing Department:	Mountain Province State Polytechnic College
Trainers/Speakers:	SEAN CAMELON A. LIGLIGEN, JOEL C. FARODEN & ROLANDO M. TAWANNA, JR.
Facilitators:	EMMIE P. AROY, MAY CRISLINE V. GUMIHID, LUZLYN M. AGWILANG
Actual No. of Participants:	164
Actual Venue:	Sadanga, Sagada, Bauko, Barlig, Natonin and Tadian, Mountain Province
Actual Date of Implementation:	August 8, 10, 16, 17, 23 and 31 2017
No. of Training Days:	Six (6) days
Source of Fund:	Extension Fund (Php. 34,900.00)
Other source:	Climate Change Fund (Php. 4,600.00)
Total Budget Requirement:	Php. 39,500.00

Executive Summary

Preliminaries of the Activity:

Coordination to the different venue was done before the activity. Members of the climate change project together with the staff of Research-Development and Extension (RDE) travelled to the different municipalities to coordinate the said activity. The Activity has three parts mainly: (1) Presentation of result of the assessment on the vulnerability and adaptive capacity to climate change of rice based agro; (2) Validation and workshop on the climate change vulnerability assessment; and (3) Informal Education and distribution of flyers regarding the existence of climate change to the public.

Courtesy call was done before the start every start of the activity. The members of the climate change project and the RDE staff approached the Mayor's office of the different LGUs to seek for assistance, then proceed to the venue where the LGU identified.

Before the start of the activity, preliminary sessions were done in order to formalize the start of the activity and to introduce the activity to the participants. Likewise, the Mayor's of the different LGUs gave an opening and welcome remarks (most LGUs

has a Mayors Representative to deliver the message) where they welcomed the speakers and the participants.

Activity Proper:

Presentation of Result of the Vulnerability and Adaptive Capacity to Climate Change of Rice-based Agro-ecosystems:

After the preliminary activities, Mr. Sean Camelon Ligligen discussed the results of the assessment of the vulnerability and adaptive capacity of rice based agro-ecosystems in Mountain Province in the different LGUs of the province. In the discussion, the results that were presented to the participants were the degrees of exposures of climates change hazards identified by the community, the biophysical and socio economics sensitivity to climate change, adaptive capacity and technological adaptation of the selected agricultural communities to climate change, and the vulnerability index and resilience of the agricultural communities to climate change.

After the presentation, the participants partook in the open forum. A glaring concern for the different municipalities was the extreme increase and occurrence of pest and diseases as an effect of climate change which came second to the increasing visits of typhoons in the province.

Validation and workshop regarding the climate change vulnerability for the last 3 years

After the presentation, RDE staff facilitated the workshop. The workshop aims to validate the information gathered and to update the hazards during the past 3 years (2014-2017). The participants identified the hazards, specifically the month and years where the hazards occurred and their specific damages. Likewise, the participants also identified their mitigation/interventions made for each of the hazards. Based from the workshop, most of the identified hazards are strong typhoons, hails storm and the huge increase and occurrence of pest and diseases.

Likewise, as a part of the Information and Education Campaign, flyers about Climate Change were also distributed to the participants in order to give them more information on the phenomenon. The MPSPC team also discussed some of the information presented in the flyers to clarify some of the misconceptions from the participants.

Also, some of the LGUs were requesting for the final manuscript of the research presented to serve as their base line data in making proposals for climate change.

Problems encountered, action taken and recommendation

Since it was observed that a huge increase of pests and diseases in the agro-ecosystems of the different municipalities is a glaring concern, it is recommended that:

1. There should be a seminar workshop regarding pest and disease management in the concerned municipalities; and
2. MPSPC should collaborate with the different LGUs of the province in addressing the issues and concern caused by climate change specifically the pest and disease.

Attachments of the terminal report

1. Attendance sheet/Participants directory
2. Photo documentation
3. Approved Activity design
4. Evaluation summary

Prepared by:


SEAN CAMELON A. LIGLIGEN
Project Leader, Climate Change

Noted by:


ELMER D. PAKIPAC
Extension Director



Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc, Mountain Province



Extension Unit



Attendance Sheet



ATTENDANCE SHEET

Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change of Rice Based Agro-Ecosystem in Mountain Province

Check
Specify
Type

Meeting
Training
Orientation

DATE AUGUST 8, 2017-SADANGA

NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Mary Lumasok	Bekigan			
2.	Farangay Foy-os	Kekigan			
3.	Vicente Tic-chay	PD			
4.	AGNES G. DANGELO	Bekigan - Bragg Ave.		-	
5.	MARIO DAGSON	Kagawad Belwag	11	-	
6.	Lito Toblan	Kagawad, Belwag	11	-	
7.	Kristal A. Pilayan			-	
8.	Norita Fandery				
9.	Ja Wara				
10.	DAUGHTREE N. VIKALIS			-	
11.	Marguerite A. Lomanan	AT - OMACE		-	
12.	Hyde Shiella K. Lichuan	DARPC - MP		-	
13.	Fidchongkas James Jr. F.		-		
14.	Falicao Edmund		-		
15.	FENG-YEH, JONATHAN C.		-		
16.	ALPHA T. MONJOEN			-	
17.	Cristy Priok	LDRPMD II		-	
18.	John L. Rano	MBD		-	
19.	Beatrice M. Farangay	MSWDO		-	
20.	SPDA Morris Nay-osan	PNT	-		
21.	PSI GILBERT JULIANI	PNT	-		
22.	J. CAYAMAN	SB	-		
23.	LUBAS RUSTUM R	I	-		
24.	ROGERIO A. OROZCO	AO IV - MARIPOSAS OFFICE	-		
25.	JEFF F. CAMPAN	MOBC	-		
26.	SEAN LIGUGEN	MIS	-		
27.	LIZLYN AGWILANG	RDE		-	
28.	Emmie P. Aray	RDE		-	
29.	JOHN FANDERY	RDE	-		
30.	ROLANDO TAWANNA JR.	RDE	-		
31.	Kim Clark F. Aspiros	RDE	-		
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Republic of Philippines
MOUNTAIN PROVINCE STATE POLYTECHNIC COLLEGE
Research, Development and Extension Sector
Bontoc, Mountain Province

CERTIFICATION

This is to CERTIFY that the above is the true and correct attendance list of the participants/facilitators/secretariat of the above-mentioned activity.

This is to certify further that the meals/snack claimed for payment by the caterer was served to the above participants.

ANNIE GRAIL F. EKID

Vice President for RDE



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NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Mary Umasek	Engg. Kagawad		-	
2.	Farongay Fay-as			-	
3.	VILVART, TIC-CHING	PB	-		
4.	AGNES G. DANCEO	Engg. Sec.		-	
5.	Mario Dagson	Kagawad/Balangay	U		
6.	Lito Tobban	Kagawad/Balangay	U		
7.	Kristal P. Pison			-	
8.	Norin Fandany				
9.	Lea wara				
10.	DAUGHTREE N. POKAIS			-	
11.	Margenrie A. Lawagan	AT - DMACU			
12.	Hyde Shiella K. Licican	DARPO - MP		✓	
13.	Pidchongkas James Sr. F.		✓		
14.	Falicao Edmund		✓		
15.	ALG-1000, JONGATHAY G.		-		
16.	ALPHA F. MONOTEN			-	
17.	Cristy Pibok			-	
18.	Salme & Rara			✓	
19.	Beatrice M. Farong-ay	MSW/D		-	
20.	SP04 Morris May-osan	PNP	✓		
21.	PR1 GILBERT BUSTAS	PNP	✓		
22.	J. bayaman				
23.	LUBAS RUSUM P.		✓		
24.	ROGER P. ORONAN	AD-IV	✓		
25.	IRE F. Lampen	MPDC	✓		
26.	SEAN LIGLIGEN	MIS	✓		
27.	LIZLYN AGWILANG	RDE		✓	
28.	Emmie P. Aray	RDE		-	
29.	Joel Fandany				
30.	ROLANDO TAWANNA JR.	RDE	✓		
31.	Kim Clark F. Aspiras	RDE	✓		
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Orientation

Date: August 10, 2017 Venue: Sagada, Mountain Province

Printed Name	Designation/ Position/ Department	Male	Female	Signature
1. GLORIA P. LAKBAYAN	CAAT/MSWD		/	
2. Escarlet B. Mayapan	OMAG		/	
3. Jessica B. Batayan	OMAG		/	
4. Jua B. Aychoe	VMD		/	
5. Petra Sieman	Mayor's Office		/	
6. Milton D. Tawali, Jr.	MEO	/		
7. Medel S. Flores	MEO	/		
8. Jose B. Sudicalan	BFP-MFM	/		
9. PEX ALLAN B. LONOGAN	MEO-EI	/		
10. GINA TAMBIAO	MAYOR'S OFFICE		/	
11. MYLA ATAM	MBO		/	
12. Ellora Balda	ICR		/	
13. Ruth Lacasandile	MARO		/	
14. Lilia C. Delwien	DAD		/	
15. DAVID Binyagan	SB		/	
16. ROZALID KHAM	Mayor's Office	/		
17. Emmie Aray	RDE	/	/	
18. SEAN CIGUGEN	MIS	/	/	
19. LIZLYN ACWILANG	RDE	/	/	
20. Joel Farolan	WDE	/	/	
21. ROLANDO TAWALUA JR.	RDE	/	/	
22. Quingoran, Kris B.	RDU	/	/	
23. Dinangon, Keenan Sayo C.		/	/	
24. Islopeti, Bructher M.		/	/	
25. Capua, Reynabeth W.		/	/	
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Vice President, RDE Sector



ATTENDANCE SHEET

Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change of Rice Based Agro-Ecosystem in Mountain Province				Check Specify Type	Meeting Training Orientation
DATE	AUGUST 16, 2017		Venue: Bauko Municipality		
NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Brenda Martin	ADA VI/ MPDO		✓	
2.	Marich B. Comingo	MPDO		✓	
3.	ELY ROSE P. PAYACDA	AGRICULTURIST II		✓	
4.	SEL P. BITOT	ADRRM - NDRRO		✓	
5.	Mary Joy P. Oul	PSIII / M.D.		✓	
6.	Irene pangpangdico	POI - MPDO		✓	
7.	Alfredo G. Diano	MPDO	✓		
8.	Francis Delim	LCR	✓		
9.	JULIE TACANAS	LISO FCBO		✓	
10.	Develyn Daligis	OMACC		✓	
11.	MANREEN P. LIG	GSD		✓	
12.	Ismaela Roelosen	Comalec		✓	
13.	BRENT MILO	MO	✓		
14.	ARLENE AMBAS	MASSO		✓	
15.	Ida A. Ngalaw	DARFO		✓	
16.	Luzlyn Aguilera	RDE Staff		✓	
17.	Emmille Aray	RDE Staff		✓	
18.	Ellen M. Banzalay	Proj. Sec.		✓	
19.	Vol-uan Tadi	LCR		✓	
20.	Martin, Carmelita B.	LCR		✓	
21.	Nemario Kuyon	LCR	✓		
22.	SEAN LIGLIGEN	MIS	✓		
23.	Jon Frode		✓		
24.	ROLANDO TAWANNA JR.	RDE	✓		
25.	Garlon				
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DATE	AUGUST 16, 2017		Venue: Bauko Municipality		
NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Brenda Martin	ADA II/ MPDO		✓	<i>[Signature]</i>
2.	Marichu Comingo	MSWD		✓	<i>[Signature]</i>
3.	ELY ROSE P. PAYACDA	AGRICULTURIST II		✓	<i>[Signature]</i>
4.	Cel P. Bitot	DRRM - MORENO			<i>[Signature]</i>
5.	Mary Joy P. Olat	PSIII / MO		✓	<i>[Signature]</i>
6.	rene pangpangdro	POI - MPDO		✓	<i>[Signature]</i>
7.	JULIE A. TAGANAS	LISO-1 / SPO		✓	<i>[Signature]</i>
8.	Alfredo G. Diano	MEMO	✓		<i>[Signature]</i>
9.	Francis Delin	LCN	✓		<i>[Signature]</i>
10.	Develyn S. Daligis	OMACC		✓	<i>[Signature]</i>
11.	MAUREEN P. LIIS	Geo		✓	<i>[Signature]</i>
12.	Silviana Rocean	Comeluc		✓	<i>[Signature]</i>
13.	BRENT MILO	MO	✓		<i>[Signature]</i>
14.	ARLENE AMBAS	MARSO			<i>[Signature]</i>
15.	Ida A. Ngabur	DARTO		✓	<i>[Signature]</i>
16.	Luzlyn Aguilang	RDE Staff		✓	<i>[Signature]</i>
17.	Emmie Aren	RDE Staff		✓	<i>[Signature]</i>
18.	Ellen M. Manzan	Engg. Sec		✓	<i>[Signature]</i>
19.	Jae-Zean C. Todi	PCR		✓	<i>[Signature]</i>
20.	Martin, Carmelita B.	LCR		✓	<i>[Signature]</i>
21.	Hansio Xluyon	LCR	✓		<i>[Signature]</i>
22.	SEAN LIGLIGEN	MIS	✓		<i>[Signature]</i>
23.	Joel Tuden		✓		<i>[Signature]</i>
24.	ROLANDO TAWANNA JR.	RDE	✓		<i>[Signature]</i>
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Check
Specify
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DATE AUGUST 17, 2017

Venue: Barlig Municipality

NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Julia S. NICOLAS	Admin Assist B/MPDO		✓	
2.	BRIGETTE L. PIT-ONG	ADA IV/MPDO		✓	
3.	JULIANA T. SIDCHAYAO	P.O. / MPDO		✓	
4.	FLORENDA C. MARAGAT	ADA IV / MPDO		✓	
5.	MAGGIE W. AYFON	MPDO		✓	
6.	Judie Ann L. Canonigo	S.B. Office		✓	
7.	FEDELITE A. KUNAYON	CB		✓	
8.	EVELYN G. ANDRADA	MCWD		✓	
9.	FOR CLIFFORD T. CHINALPAN	BFP	✓		
10.	SPO4 SHERANDY ROBERT P.	DCOP/BARLIG MPS	✓		
11.	NELSON A. LOSAD-NX	LDR/RMD 1	✓		
12.	RHOD. F. BAS-EXI	MDRRM	✓		
13.	Domingo G. Mabiasan	MLGDO/DILG	✓		
14.	Jolanda F. Tomas-c	Farmer		✓	
15.	Daniel R. Lueng	Mun. Engr	✓		
16.	MERILYN C. FOGAZONG	AT		✓	
17.	Valentin C. Gaudan	S.O. /BCS		✓	
18.	ROLDAN L. MARTINEZ	GIP INTERN	✓		
19.	ANGELICA X. ANDANEY	FARMER		✓	
20.	CETERNO C. ORYAN	MAA	✓		
21.	MARGIE E. ODOAN			✓	
22.	SORAYA B. Dangiwan	Farmer		✓	
23.	Siana Frayongan	P.B.	✓		
24.	HELEN CELESTINA DAKILAY	TOURISM		✓	
25.	SEAN LIGLIGEN	MIS	✓		
26.	LURLYN AGWILANG	RDE		✓	
27.	EMMIE B. AREN	RDE		✓	
28.	ROLANDO TAWANNA JR.	RDE	✓		
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DATE AUGUST 17, 2017

Venue: Barlig Municipality

NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	JULIA S. NICOLAS	Admin. Asst./MPDO		✓	
2.	BRIGETTE L. PITONG	ADA IV/MPDO		✓	
3.	JULIYA T. SIDCHAYAO	P.O.I./MPDO		✓	
4.	FLORENDA C. MANAGAT	ADA IV/MPDO		✓	
5.	MAGGIE W. AYEDAN	MPDO		✓	
6.	Judie Ann L. Canonigo	S.B. office		✓	
7.	FEDELITE A. KUNTA-BOH	CB		✓	
8.	EVELYN G. ANDRAPA	SWO		✓	
9.	FOR CLIFFORD T. CHINALPAN	BFP	✓		
10.	SPCA SAGANNOY, ROBERT P.	DCOR/PARLIMB	✓		
11.	NELSON A. LOYAO-NA	LDRPMO	✓		
12.	RHOD F. BAS-EX	MDRRM	✓		
13.	Domingo G. Mabiasan	ALGOO/DILG	✓		
14.	Jolanda F. Lomas-c	Farmer		✓	
15.	Danielo P. Lueal	Mun-Eng.	✓		
16.	Merilyn C. Fogayong	AT		✓	
17.	Siano F. Fajalagan	P.B.	✓		
18.	Valentina C. Gamsawon	S.O./BCS		✓	
19.	ROLDAN L. MARTINEZ	GIP INTERM	✓		
20.	ANGELICA A. ANDARBY	Farmer		✓	
21.	CEFERINO C. ORYAN	MA	✓		
22.	Wangie E. Abonon	Mangrove		✓	
23.	SDRAYA B. DANGIWAN	Farmer		✓	
24.	HELEN CELESTINA T. DASILATY	TOURISM		✓	
25.	SEAN LIGLIGEN	MIS	✓		
26.	LIZLYN AGUILANG	RDE		✓	
27.	EMMIE P. AREY	RDE		✓	
28.	ROLANDO TAWANNA JR.	RDE	✓		
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DATE AUGUST 23, 2017

Venue: Natonin, Mountain Province

NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Remedios Jimilan	clerk		✓	Remedios Jimilan
2.	F.J. FILLIMAN	Mem. Admin. Sec.		✓	F.J. FILLIMAN
3.	Lucille D. Fontanilla	LRCO I		✓	Lucille D. Fontanilla
4.	Gina Lemboyong	Mun. Accountant		✓	Gina Lemboyong
5.	DELFIN SALLIDAD	MTAO		✓	DELFIN SALLIDAD
6.	Agusta B. Legumna	P.A /MPDO		✓	Agusta B. Legumna
7.	Arnold B. Jimmangas	DMAC	✓		Arnold B. Jimmangas
8.	LILIAN M. AYONK	MA		✓	LILIAN M. AYONK
9.	CIRILO B. BASBASTAN	S-T	✓		CIRILO B. BASBASTAN
10.	ROGER AMOGGAD	CAA	✓		ROGER AMOGGAD
11.	MET LORETO M. ROMEO JR	PR CHDR	✓		MET LORETO M. ROMEO JR
12.	Rhea J. Alchan	MSUP Rep.		✓	Rhea J. Alchan
13.	Ansel A. Abucay	LDRKMO II	✓		Ansel A. Abucay
14.	Henry A. Fajardo	Punong Barangay	✓		Henry A. Fajardo
15.	Fernando D. Legaspi	Mayor	✓		Fernando D. Legaspi
16.	BASILAN A. Atoy		✓		BASILAN A. Atoy
17.	Lindwin Arid V	BFP	✓		Lindwin Arid V
18.	Yvonne V. Maspilan	PWP	✓		Yvonne V. Maspilan
19.	JASIN A. DE	PHD	✓		JASIN A. DE
20.	JIMMY TOPCO	Punong Brgy	✓		JIMMY TOPCO
21.	Enna Chiswan	SB of Brgy		✓	Enna Chiswan
22.	Hazel Gawayen	M.O		✓	Hazel Gawayen
23.	Verna Chiswan	clerk		✓	Verna Chiswan
24.	Jacky S. S. S.	LHSD	✓		Jacky S. S. S.
25.	Lea B. Sawadan	P.O.-II		✓	Lea B. Sawadan
26.	Beljane Paypay	J.O.		✓	Beljane Paypay
27.	JOAN P. P.	M.O		✓	JOAN P. P.
28.	SEAN UGLIGEN	MIS	✓		SEAN UGLIGEN
29.	Emmie P. Aray	RPE		✓	Emmie P. Aray
30.	MAY CRISTINE V. GUMAHID	RPE		✓	MAY CRISTINE V. GUMAHID

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DATE AUGUST 23, 2017

Venue: Natonin, Mountain Province

NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Reneida Barilaw	clerk		✓	
2.	F.D. FIALIXAN	Mun. Admin. div.		✓	
3.	Lucille B. Pitarilla	LRCO ?		✓	
4.	Gina Lomboyang	Mun. Accountant		✓	
5.	DEFIN BALCIDAO	MDAO	✓		
6.	Augusta B. Legamun	P.A		✓	
7.	Arnold B. Pimangaro	DMAC	✓		
8.	LILIAN K. AYONA	MA		✓	
9.	CIBILO B. BASBASAN	S.I	✓		
10.	ROCEB AMOLBATO	CH	✓		
11.	MARY LORETO M. ROMEO JR	PB CMDR	✓		
12.	Rhea L. Alchany	MOU Rep.		✓	
13.	Angel A. BOCAR	LORRNO II	✓		
14.	Henry A. For -	Punong Brgy	✓		
15.	Fernando P. Linggag	1 megal 11	✓		
16.	TERNANAN Amador		✓		
17.	Kinalw Arid V	BFP	✓		
18.	Joeyre r Maspilan	PNP	✓		
19.	Jasem A. PE	PHD	✓		
20.	JIMMY TOPCO	Punong Brgy	✓		
21.	Emma Chigawan	SB Brgy		✓	
22.	Hazel Gawayen	M.O		✓	
23.	Verma Chigawan	clerk		✓	
24.	Joeyr Bartray	LISO II		✓	
25.	Iea B. Sawadan	B.O II		✓	
26.	Bayani Paypay	J-O		✓	
27.	Joan Burado	M-O		✓	
28.	SEAN LIGLIGEN	MIS	✓		
29.	Emmie P. Aray	RDE		✓	
30.	MAI CRELINE V. GUMIND	RDE		✓	

CERTIFICATION

This is to CERTIFY that the above is the true and correct attendance list of the participants/facilitators/secretariat of the above-mentioned activity.

This is to certify further that the meals/snack claimed for payment by the caterer was served to the above participants.

ANNIE GRAIL F. EKID

Vice President for RDE



ATTENDANCE SHEET

Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change of Rice Based Agro-Ecosystem in Mountain Province				Check Specify Type	Meeting
					Training
					Orientation
DATE	AUGUST 30, 2017		Venue: Tadian, Mountain Province		
NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Harieta Sebio	LDRMO I / MDRMO		✓	
2.	Juneth Pediten	J-O / MDRMO		✓	
3.	Kimhild B. Cumades	LDRMO I / MDRMO		✓	
4.	A. Milan	A.O V		✓	
5.	Aida Sulip	OMAG		✓	
6.	GLENDA Lomino	RSCWD		✓	
7.	Jayne P-SAONG	SB member		✓	
8.	Prusson P. Alcan	SB office		✓	
9.	GILBERT L. CADAY	SB member	✓		
10.	Jovencio C. Palangpin	MPDC	✓		
11.	MARCOS NGARAO	RDE	✓		
12.	Maricel Pesus	Husell / MHD		-	
13.	Emmire F. Aray	RDE		-	
14.	LIZLYN AGWILANG	RDE		✓	
15.	ROLANDO TAWANNA JR.	RDE	✓		
16.	Joel Fandun	PRO	✓		
17.	Gordon G. Bilayon	COP	✓		
18.	PLAD L. Palangyos	COF		✓	
19.	SEAN LIGLIGEN	MIS	✓		
20.	Joel Fandun	RDE	✓		
21.	ROLANDO TAWANNA JR.	RDE	✓		
22.	Gordon				
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

CERTIFICATION

This is to CERTIFY that the above is the true and correct attendance list of the participants/facilitators/secretariat of the above-mentioned activity.
This is to certify further that the meals/snack claimed for payment by the caterer was served to the above participants.

ANNIE GRAIL F. EKID
Vice President for RDE



ATTENDANCE SHEET

Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change of Rice Based Agro-Ecosystem in Mountain Province

Check
Specify
Type

Meeting
Training
Orientation

DATE AUGUST 30, 2017

Venue: Tadian, Mountain Province

NR	NAME	DESIGNATION/ POSITION/ DEPARTMENT	Male	Female	Signature
1.	Fariba Sebilo	LDRMO I / MDRMO		✓	
2.	JMAETH Pediten	JO / MEND		✓	
3.	Humbild B. Sumadua	LDRMO I / MDRMO		✓	
4.	A. Milan	A-O Y		✓	
5.	Jayne Saong	SB Member / SB officer		✓	
6.	Arda P. Sulipn	IMAG		✓	
7.	GLENN Lomino	MSWDO		✓	
8.	Priscilla P. Akua	SB office		✓	
9.	GILBERT L. CAO-AY	SB member	✓		
10.	Jovenio C. FALINGPING	MPDC	✓		
11.	MARCOS NGARAD	RDE TADIAN	✓		
12.	Maridel Pespa	Hurcell / MHO		✓	
13.	Emmie P. Aray	RDE		✓	
14.	SEAN LIGLIGEN	MIS	✓		
15.	LUZLYN AGUILAR	RDE		✓	
16.	ROLANDO TAWANHA JR.	RDC	✓		
17.	Joel F. Aray	RD	✓		
18.	Cougar G. Bilayon	COT	✓		
19.	Pilar L. Palangyo	COT		✓	
20.	SEAN LIGLIGEN	MIS	✓		
21.	MR ROLANDO TAWANHA JR.	RDE	✓		
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

CERTIFICATION

This is to CERTIFY that the above is the true and correct attendance list of the participants/facilitators/secretariat of the above-mentioned activity.

This is to certify further that the meals/snack claimed for payment by the caterer was served to the above participants.

ANNIE GRAIL F. EKID
Vice President for RDE



Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc, Mountain Province

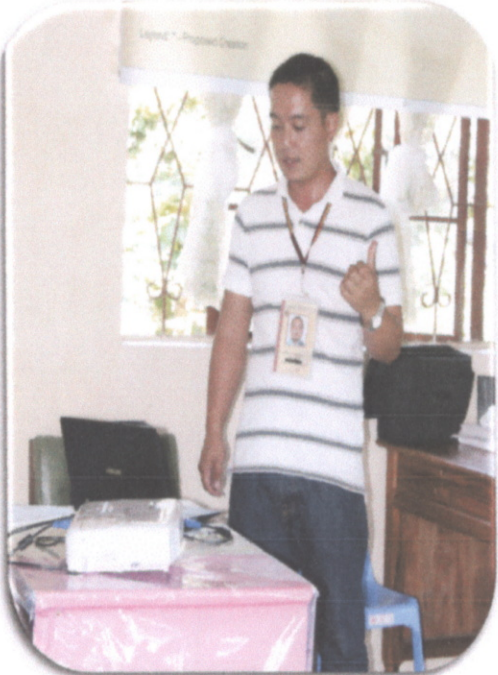


Extension Unit



Photo Documentation

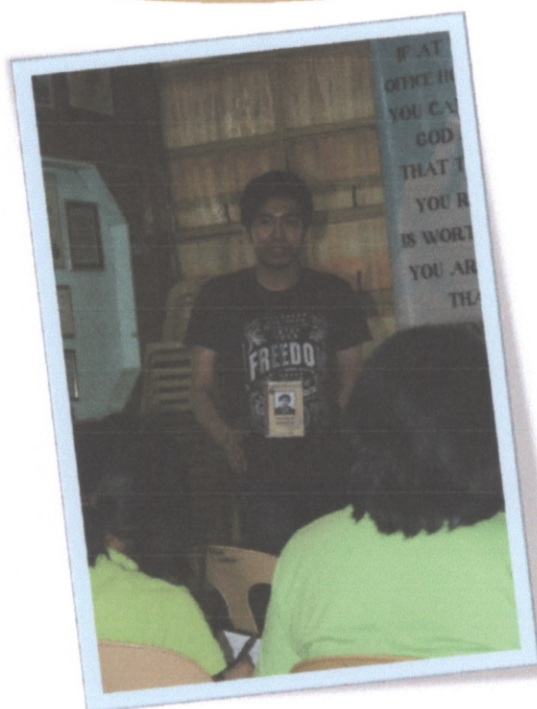
Sadanga, Mountain Province
August 8, 2017



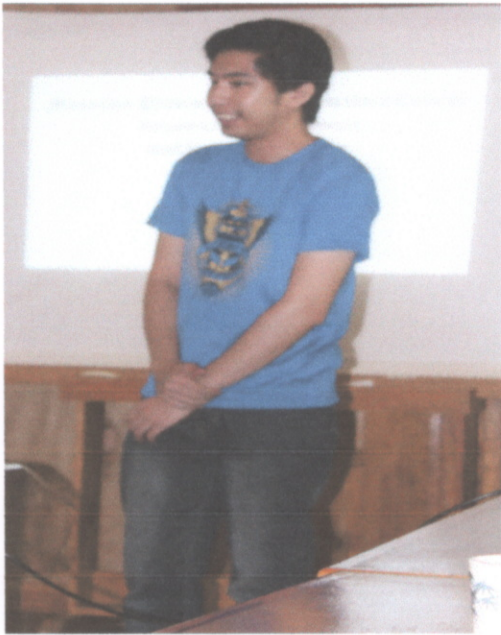
August 10, 2017
Sagada, Mountain Province



August 16, 2017
Bauko, Mountain Province



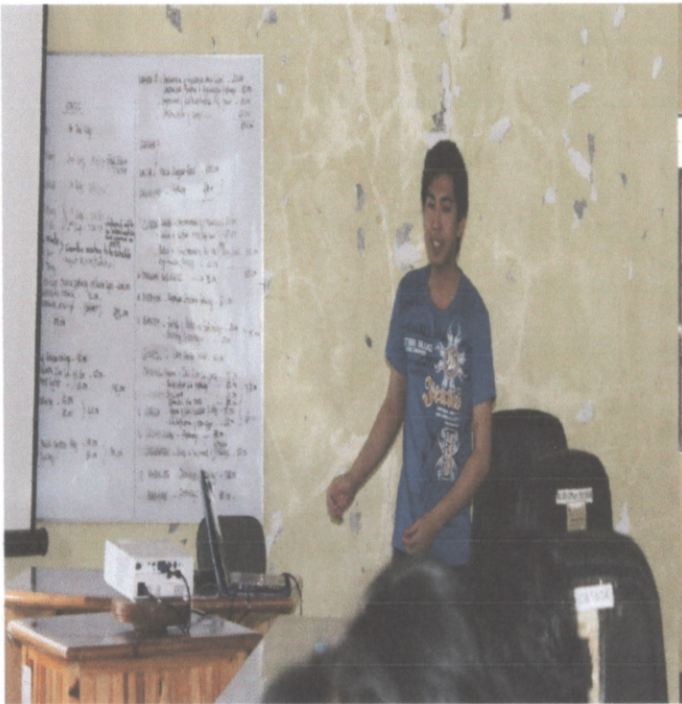
August 17, 2017
Barlig, Mountain Province



August 23, 2017
Natonin, Mountain Province



August 31, 2017
Tadian, Mountain Province





Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc, Mountain Province



Extension Unit

Activity Design





Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc Campus, Bontoc Mountain Province

Extension Form 1

ACTIVITY DESIGN

I. ACTIVITY IDENTIFICATION

Training Title: Information Education Campaign on the Vulnerability and Adaptive Capacity to Climate Change of Rice Based Agro-ecosystem in Mountain Province.

Extension Component: (please check appropriate box)

- Training/seminar/workshop
- ✓ Technology Transfer and utilization
- ✓ Technical assistance and advisory services
- ✓ Information dissemination
- Community involvement/outreach activities

Extension Program: (please check appropriate box)

- ☒ Agricultural Extension
- ☐ Technical/Vocational
- ☐ Continuing Education for Professionals
- ☐ Others

Implementing Department : Research Development and Extension sector

Activity Coordinator : Sean Camelon A. Ligligen/Joel Faroden

Participants : ^{111 - 11} Municipal Disaster and Risk Reduction Council members, Municipal Agricultural Officer, Municipal Planning Officer, Municipal Social Welfare Officer, at most 2 Barangay officials, Farmers Cooperator, Climate Change team members

Venue : Six Municipality of study sites (Bauko, Barlig, Sagada, Sadanga, Natonin and Tadian)

Date of Activity per Site : August 7 at Banao Bauko, August 8 at Kayan Tadian, August 9 at Bugang Sagada, August 10 at Anabel Sadanga and August 14-17 at Gawana Barlig and Poblacion Natonin of 2017

Source of Fund
Climate Change Fund :Php 4,600
Extension fund :PhP 34,900

II. RATIONALE:

Vulnerability and Adaptive Capacity to Climate Change of Rice Based Agro-ecosystem in Mountain Province were assessed. The project aims to know the exposure to climatic hazards, biophysical and socioeconomic sensitivity, adaptive capacity; vulnerability index and resilience to climate change hazards and to employ and enhance the adaptive capacity of farmers to climate change through S & T – Based farming system model.

The study used the VAST Agro tool developed by Garcia et.al. The tool is a rapid assessment tool which is community-based, focused on the agriculture sector and views agriculture as a holistic system.

The vulnerability assessment was done through transect walk to observed the biophysical and socio-economic resources of the study sites. A focus group discussion was conducted using the climate change vulnerability and adaptive capacity assessment tool for the rice based agro-ecosystem supplemented by a survey questionnaire guide in the conduct of group interviews, ocular survey, observation and secondary data.

The result of project was analyzed and was presented in “Agency in-house review”. Some information was also created and integrated based on the perception and observation of the community. Thus, the team consolidated and summarized all the information, and created a flyer and poster format of IEC materials.

One of the recommendations of the panel of evaluator during the agency in-house review was to disseminate the result to Local Government Unit (LGUs) for planning purposes and policy development when it comes to climate change risk.

Therefore, activity design was prepared to disseminate the result of the study

III. OBJECTIVES:

1. To disseminate the result of the Vulnerability and Adaptive Capacity to Climate Change
2. To advocate the IEC regarding the climate change.

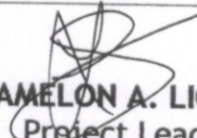


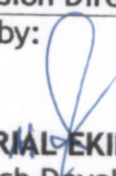

IV. BUDGETARY REQUIREMENT

Items/description	Quantity	Unit cost	Fund Source		Total
			Extension Fund	CC Fund	
Per Dime (Particulary at Barlig and Natonin)	5 Heads	2480	12,400		12,400
Foods and Snack at Bauko LGU	25 Meals and 25 Snack	100 50	2500 1250		3750
Foods and Snack at Tadaing LGU	25 Meals and 25 Snack	100 50	2500 1250		3750
Foods and Snack at Sagada LGU	25 Meals and 25 Snack	100 50	2500 1250		3750
Foods and Snack at Sadanga LGU	25 Meals and 25 Snack	100 50	2500 1250		3750
Foods and Snack at Barlig LGU	25 Meals and 25 Snack	100 50	2500 1250		3750
Foods and Snack at Natonin LGU	25 Meals and 25 Snack	100 50	2500 1250		3750
Fuel	115 Liters	40		4600	4600
Grand Total			34900	4600	39,500

V. ACTIVITY SCHEDULE

Day/Time	Activity/ Topics	Location	Materials Needed
2017			
Preliminaries: July 31 - At Bauko LGU and Tadian LGU August 1 - At Sagada LGU and Sadanga LGU August 2 to 4 - At Barlig LGU and Natonin LGU;	Coordination of the IEC activity to Municipal and Barangay	Bauko, Tadian, Sagada, Sadanga, Barlig, Natonin	
August 7 Arrival - 7:00 am to 8:00am (Bontoc -Bauko LGU) Departure - 5:00pm to 6:00pm (Bauko LGU - Bontoc)	Information Education Campaign,	Bauko LGU	Attendance sheet, IEC Materials, Power Point Presentation
August 8 Arrival - 6:30 am to 8:00am (Bontoc- Tadian LGU) Departure - 5:00pm to 6:30pm (Tadian LGU - Bontoc)	Information Education Campaign,	Tadian LGU	Attendance sheet, IEC Materials, Power Point Presentation
August 9 Arrival - 7:00 am to 8:00am (Bontoc -Sagada LGU) Departure - 6:00pm to 7:00pm (Sagada LGU - Bontoc)	Information Education Campaign,	Sagada LGU	Attendance sheet, IEC Materials, Power Point Presentation
August 10 Arrival - 7:30 am to 8:30am (Bontoc -Sadanga LGU) Departure - 5:00pm to 6:00pm (Sadanga LGU - Bontoc)	Information Education Campaign,	Sadanga LGU	Attendance sheet, IEC Materials, Power Point Presentation
August 14-17 August 14- Arrival at Barlig LGU 7:00am to 8am(Bontoc- Barlig LGU) August 15 - Arrival - Natonin LGU from Barlig, 8:00am to 1:00pm August 16 - at Natonin LGU August 17 - Departure (Natonin LGU - Bontoc)- 8:00 am to 2:00pm	Information Education Campaign,	Natonin LGU and Barlig LGU	Attendance sheet, IEC Materials, Power Point Presentation

VI. RECOMMENDATION AND APPROVAL


Prepared By:  SEAN CAMELON A. LIGLIGEN Project Leader	
Noted By:  ELMER D. PAKIPAK Extension Director	Funds Available:  IMELDA GUIDANGEN Accountant III
Recommended by:  ANNIE GRIAL-EKID, Ed.D VP for Research Development and Extension	Approved by:  REXTON F. CHAKAS Ph.D. MPSPC President



Republic of the Philippines
Mountain Province State Polytechnic College
Bontoc, Mountain Province



Extension Unit



Evaluation Summary

SUMMARY OF EVALUTION														
Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change fo Rice Based Agro-Ecosystem in Sagada, Mountain Province														
Respondents' Rating													TOTAL	MEAN
1. Objectives and Relevance														
a. Clarity and relevance	4	4	4	4	3	4	4	4	3	4	4	42	3.82	
b. Attainment of the activity objectives	5	4	5	4	4	3	4	5	3	4	4	45	4.09	
c. Usefulness of the activity/topics to the participants	5	4	5	5	4	4	4	4	3	5	4	47	4.27	
d. Timeliness and immediate applicability	3	4	4	3	3	4	4	5	3	4	4	41	3.73	
2. Organization and Preparation; Venue														
a. Planning and implementing of the activity	5	5	4	5	4	4	4	4	4	5	4	48	4.36	
b. Preparation and organizations of the activities	5	5	4	5	4	4	4	4	4	4	5	48	4.36	
c. Ventilation, lighting, equipment and facilities in the venue	5	5	4	5	4	4	4	5	3	4	4	47	4.27	
d. Appropriateness of the venue of the activity	5	5	4	5	4	4	4	5	3	5	4	48	4.36	
e. Time allotment per activity/topic	4	5	4	4	4	3	4	5	4	4	4	45	4.09	
3. Speaker/Facilitator														
a. Mastery of the subject matter/content	4	4	5	5	5	3	4	4	4	5	4	47	4.27	
b. Use of effective means of communicating ideas	4	4	5	5	4	4	4	4	4	5	4	47	4.27	
c. Keenness and interest in the conduct of training	4	4	5	5	4	3	4	4	4	5	4	46	4.18	
d. Stimulation of the participant's interest	3	4	4	5	4	4	4	4	3	5	4	44	4.00	
4. Involvement of Participants														
a. Enthusiasm and interest shown	5	4	4	4	5	4	4	4	3	5	4	46	4.18	
b. Level of involvement of participants	5	4	5	4	4	3	4	4	4	5	4	46	4.18	
5. Food	4	4	4	3	5	3	3	4	5	4	3	42	3.82	
6. Overall Evaluation	4	4	4	3	4	4	4		3	4	4	38	3.45	

<p align="center">SUMMARY OF EVALUTION</p> <p align="center">Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change fo Rice Based Agro-Ecosystem in Bauko, Mountain Province</p>												
Respondents' Rating										TOTAL	MEAN	
1. Objectives and Relevance												
a. Clarity and relevance	4	4	4	4	4	4	4	3	3	30	3.75	
b. Attainment of the activity objectives	4	4	4	5	4	4	4	3	3	31	3.88	
c. Usefulness of the activity/topics to the participants	4	3	5	5	4	5	4	4	4	34	4.25	
d. Timeliness and immediate applicability	4	3	4	4	4	4	4	4	4	31	3.88	
2. Organization and Preparation; Venue												
a. Planning and implementing of the activity	4	4	4	5	4	4	4	3		32	4.00	
b. Preparation and organizations of the activities	3	4	4	5	4	4	4	3		31	3.88	
c. Ventilation, lighting, equipment and facilities in the venue	3	3	3	4	4	5	4	3		29	3.63	
d. Appropriateness of the venue of the activity	3	3	4	4	4	5	3	3		29	3.63	
e. Time allotment per activity/topic	4	4	4	5	4	5	3	4		33	4.13	
3. Speaker/Facilitator												
a. Mastery of the subject matter/content	4	4	4	5	3	4	4	4		32	4.00	
b. Use of effective means of communicating ideas	4	4	4	5	3	4	3	4		31	3.88	
c. Keenness and interest in the conduct of training	4	4	4	4	3	4	3	4		30	3.75	
d. Stimulation of the participant's interest	4	4	4	4	3	4	4	3		30	3.75	
4. Involvement of Participants												
a. Enthusiasm and interest shown	4	4	4	5	4	5	4	3		33	4.13	
b. Level of involvement of participants	4	4	4	4	4	5	4	5		34	4.25	
5. Food	4	5	3	3	3	4	4	5		31	3.88	
6. Overall Evaluation	4	4	4	3	3	4	5	3		30	3.75	

SUMMARY OF EVALUTION																	
Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change fo Rice Based Agro-Ecosystem in Barlig, Mountain Province																	
Respondents' Rating															TOTAL	MEAN	
1. Objectives and Relevance																	
a. Clarity and relevance	5	4	3	4	4	3	4	5	5	5	5	3	4	3	57	4.07	
b. Attainment of the activity objectives	5	4	3	5	4	4	4	5	4	5	4	3	4	3	57	4.07	
c. Usefulness of the activity/topics to the participants	5	4	3	5	4	3	4	4	5	4	5	3	4	3	56	4.00	
d. Timeliness and immediate applicability	5	3	3	4	3	3	4	4	4	5	4	3	4	3	52	3.71	
2. Organization and Preparation; Venue																	
a. Planning and implementing of the activity	4	3	4	4	3	3	4	5	4	5	4	3	4	3	53	3.79	
b. Preparation and organizations of the activities	4	4	4	5	4	3	4	4	4	4	4	3	4	3	54	3.86	
c. Ventilation, lighting, equipment and facilities in the venue	4	3	4	5	3	3	4	4	4	3	4	3	4	3	51	3.64	
d. Appropriateness of the venue of the activity	4	3	4	5	4	3	4	5	4	4	4	3	4	3	54	3.86	
e. Time allotment per activity/topic	5	3	4	4	4	3	4	5	4	4	4	3	4	3	54	3.86	
3. Speaker/Facilitator																	
a. Mastery of the subject matter/content	5	4	4	4	4	3	4	5	4	5	4	3	4	3	56	4.00	
b. Use of effective means of communicating ideas	5	4	4	5	4	3	4	5	4	5	4	3	4	3	57	4.07	
c. Keenness and interest in the conduct of training	5	4	3	5	4	3	4	5	4	4	4	3	4	3	55	3.93	
d. Stimulation of the participant's interest	5	4	3	4	4	3	4	5	3	4	4	3	3	3	52	3.71	
4. Involvement of Participants																	
a. Enthusiasm and interest shown	5	4	3	4	4	3	4	5	4	4	4	3	4	3	54	3.86	
b. Level of involvement of participants	5	4	3	4	4	3	4	5	4	3	4	3	4	3	53	3.79	
5. Food	4	4	4	4	4	3	3	5	5	4	3	4	4	4	55	3.93	
6. Overall Evaluation	5	4	4	4	4	3	3	5	4	4	4	4	5	3	56	4.00	

SUMMARY OF EVALUTION													
Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change fo Rice Based Agro-Ecosystem in Natonin, Mountain Province													
Respondents' Rating											TOTAL	MEAN	
1. Objectives and Relevance													
a. Clarity and relevance	3	4	4	5	5	3	3	4	4	4	39	3.9	
b. Attainment of the activity objectives	4	4	4	5	4	3	4	4	4	4	40	4	
c. Usefulness of the activity/topics to the participants	4	5	4	5	5	3	4	4	4	3	41	4.1	
d. Timeliness and immediate applicability	3	4	4	4	3	3	3	4	4	4	36	3.6	
2. Organization and Preparation; Venue													
a. Planning and implementing of the activity	3	4	3	3	5	4	4	4	3	4	37	3.7	
b. Preparation and organizations of the activities	3	4	3	4	3	3	4	4	4	3	35	3.5	
c. Ventilation, lighting, equipment and facilities in the venue	4	5	4	3	5	3	4	3	4	3	38	3.8	
d. Appropriateness of the venue of the activity	4	4	4	3	5	3	4	4	3	4	38	3.8	
e. Time allotment per activity/topic	3	5	4	4	4	4	4	4	3	3	38	3.8	
3. Speaker/Facilitator													
a. Mastery of the subject matter/content	4	5	4	5	4	4	4	4	4	3	41	4.1	
b. Use of effective means of communicating ideas	3	4	3	5	4	4	3	4	4	3	37	3.7	
c. Keenness and interest in the conduct of training	3	4	3	5	3	4	4	4	4	3	37	3.7	
d. Stimulation of the participant's interest	3	4	3	5	4	4	3	3	3	4	36	3.6	
4. Involvement of Participants													
a. Enthusiasm and interest shown	3	5	4	5	4	3	3	4	4	4	39	3.9	
b. Level of involvement of participants	3	5	4	5	4	4	4	4	4	4	41	4.1	
5. Food	4	4	3	3	4	3	3	4	4	4	36	3.6	
6. Overall Evaluation	3	4	4	4	4	4	4	3	3	5	38	3.8	

Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change fo Rice Based Agro-Ecosystem in Tadian, Mountain Province

[illegible]

Information Education Campaign on the Vulnerability & Adaptive Capacity to Climate Change fo Rice Based Agro-Ecosystem in Tadian, Mountain Province

[illegible]