



First Draft - 05 August 2012

Background Research Study Report

**Sub Theme 1: Integrating Local Level Disaster Risk Reduction and
Climate Change Adaptation into National Development**

This is the first draft output from the study conducted in more than 15 countries with detailed country visit and analysis in Indonesia, Philippines, Vietnam, and Bangladesh and desk review through country focal points and experts in more than 10 countries. All contributions will be properly acknowledged in the final version.

The study team believes that it is critical to respect the boundaries of the study and this draft output - in terms of us seeking to find information that illuminated a set of circumstances where we felt that CBDRM-CBA was possibly moving in an exciting way. In other words, we are trying NOT to include a whole list of NGO/donor supported projects per se. However some have been included in the draft because they help articulate an issue, or they are "special", or because there was nothing else to say!

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First Draft

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1. Introduction

1.1: Background

»JUG A I?GG? sY Ž?EG? IŽ? uGA|G? IŽ OŽ? ?ISG ?ŽŽI? w??! dG ? AIG?GE? ISG YAlSŽYAu uG|Gu s? ISG ?ŽŽI?? ? S.s.G ISG ??d-YAlSŽYAu uG|Gu s? ISG uGA|G??
? ?CDMP-II interview in Bangladesh

»WAOG IŽ dG AEEGE?

The Incheon Declaration: Building a Local Government Alliance for Disaster Risk Reduction

It is the local government that is the first responder, and the one responsible for community development and sustainable disaster risk reduction. The empowerment of local governments must be a key priority in order to encourage democratic decision-making that involves the citizens and all key stakeholders at the local level. The proper confirmative authority of the local government, human capacity and allocation of appropriate resources needs to be ensured. Risk reduction at the local level depends on good local governance, particularly in political decision-making, formulation of policy, and enforcement relating to land use planning, regulatory controls, zoning, and construction standards. Risk reduction calls for flexibility in the decision-making process and the empowerment of communities, which in turn pushes transparency and good governance.

G?ĐsIG ? sEG?Đ?GAE ?G?ĐGDI IŽ? ISG Đ?sYĐsĐng? ZI ?ĐD-... ?ĐS A? ?GUĐDICE sY ISG , ŽOŽ &?AwG? Ž ?U IŽ? ĐIsŽY? sY Đ?ADIsDG ISG?G s? ?G|G?G uAD... ŽI ?ĐU?G AYE ???IASYAdsus? A??ŽĐsAIGE ? sIS ???ĐS AĐĐ??ŽAĐSG?? UG? IŽ Đ?ŽO?G??s? IŽ ?GYOISGY ISG ?d?EOG? dG? GGY YAlSŽYAu AYE uŽĐAu ĐŽww?YsI? dG? I?ĐADIsDG?? &?YEAWGYIAu? IS... Ž ?E Đs|ŽI ŽY ADIs|GĐŽww?YsI? sY|Žu|GwGYI sY uŽĐAu EG|GuŽĐwGYI ĐŽĐG??G? ? S sĐS... ?E ĐŽY?G??GYIu? ?I?GYOISGY A ĐŽ?Y???? ?s?U ?GE?ĐIsŽY Đ?ŽO?G???

^soYsIsĐAYI Đ?ŽO?G??ŽY ZZ SA... dGGY wAEG... ISG YAlSŽYAu uG|Gu? ?ĐS A? sY ?GuAlSŽY IŽ ISG G?IAdus?SwGYI ŽI sY?IsI?IsŽY... AIE... ?AwG? Ž ?U?? zGI ISG EŽwsYAYĐG ŽI A IŽĐEŽ?Y? AYE uA?OGu?GYOsYGG?GE?AĐĐ... ŽĐS SA?ŽIG?Au SAE |G?? uswSIGE wGA???AduG dGYGIsI? AwŽYO ISG OŽŽ? sYO Y?wG? ŽI ĐGŽĐu... ?s?U; ' E Z ?????? »JUG? s?G? ?ĐĐG??I?u ĐŽww?YsI?-uG|Gu G?ĐG?SGYĐG... s? ?G?ĐsYO... ?GYG?AdsusG?sY ?GuĐDICE uŽĐAlSŽY??I??OOuG? IŽ sYIu?GYĐG EG|GuŽĐwGYI EGĐs?sŽY-w... sYO AYE ?G?Ž??ĐG AuuŽĐAlSŽY AI ISG uG|Gu ŽI??d-YAlSŽYAu AYE YAlSŽYAu... ?s?U... ŽY A... ?soYsIsĐAYI ?ĐAuG? dSs? ?GYEG?? ?ĐSADIsŽY? A? ĐSĐGwGAU? ?wAuu ?ĐAuG?? GAU s... ?G? Adsus? IŽ IADUuG E?s|G?? ŽI ?s?U AYE uADUsYO sY???IASYAdsusI??

dŽ Ž|G?ĐŽwG ISs? IG?G s? A YGGE IŽ sY|G?I sY???IGw?ISAI GYAduG AYE d?sYO IŽOGISG? Auu ?IAUGSŽUEG?? ?AISG? ISAY GwĐSA?s?sYO ?SAI ŽIIGY AwŽ?YI? IŽ Es?uŽĐAIGE sYIG?|GYIsŽY??

Y GIGĐIs|G ZZ AYE ???IGw w??IAEE?G?? uŽĐAu EG|GuŽĐwGYI s???G??;hE/^ Z ????? &sus ĐA?G ?I?E?d? hE Ww... GYI?G?dSs? s? dGDA?G Đ?ŽuGĐI? sY?Đs?GE AYE EG|GuŽĐGE AI ISG uŽĐAu uG|GuISAI A?G d?sul sYIŽŽYOŽsYO EG|GuŽĐwGYI ŽduGĐIs|G? AYE OŽAu? AYE ?ĐĐŽ?IGE? d?I YŽI EŽwsYAIGE?d? G?I?GYAu GIŽ?I? AYE ?G?Ž??ĐG?? A?G IA? wŽ?G usUGu? IŽ dG ???IASYAduG AYE ?Đ-?ĐAuAduG ISAY ?S GY ?ĐSGwG? A?G swĐŽ?IGE IŽw Ž?I?SEG? YE uŽĐAu sYsIsAlS|G? w??I

¹ Personal communication

sYDU?EGISG I?u AY E Đ?ĐG? ĐA?IsDsĐAIsZY ŽI |?uYG?AduG O?Ž?Đ?? ŽISG?? s?G ĐGŽDUg ? su ĐZYIsY?G IŽ dG d?IIGIGE d? IŽ?ĐG?Ž?I?SEg ISGs? ĐZYI?ŽÚ AYE ?S?U? ? suwŽ?YI?

dSs? s?AI ISG SGA?I ŽI ISG Đ?ŽduGw? dSG ĐŽ?? ?SŽ A?G ?Ž??I AIIGDIGE d? ĐuswAIG AYE Es?A?IG? ?S?U? A?G-ĐŽwwŽYU? IŽ?YE IŽ dG wA?OsYAus?GE I?Žw uŽDAu ĐŽusĐDAu Đ?ĐG??G??dSs? s? ISG ? GAUG?I usYU sY ISG ZZ AYE ???IGw? hYUG?? ISG YGGE IŽ? swĐ?Ž|GE uŽDAu OŽ|G?YAYĐG s? AĐĐGDIGE? sY ?GuAIsZY IŽ sYIŽ?wAIsZY wAYAOGwGYI?ĐŽww?YsĐAIsZY? ĐŽY??uIAIsZY? ĐŽŽ?EsYAlsZY? EGDs?sŽY-wAUsYO AYE AuuŽĐAIsZY ŽI ?G?Ž??ĐG? ? sIS ?G?ĐGĐI IŽ ISG I?uu A??A? ŽI uŽDAu ?AUGSŽUEG??Đ?ŽO?G?? ? su ŽGwAsY ?sluGE? ŽY?G??GYIU?G|GY slwŽ?G I?YEsYO ŽI AYE I?Žw EG|GuŽĐsYO ĐŽYI?? OŽ|G?YwGYI? AI A YAlsZYAu uG|Gu ŽĐĐ?? ISs?? suYŽI sY sl?Gul A?ŽwAIsĐAuu? ?G??ul sY dGIG? ĐŽYEsIsZY? AI A uŽDAu AYE ĐŽww?Ysl? uG|Gu?

^Ž s s? ĐŽwĐGIGYI? GIIGĐIs|G? AĐĐŽ?YAduG uŽDAu OŽ|G?YwGYI AYE OŽ?E ?Ž?YO ?GuAIsZY?SsĐ? ? sIS Đs|su ?ŽĐsG?ISAI A?G ĐG?SAD? ISG wŽ?I swĐŽ?IAYI IADŽ??ISAI E?Y?wAs? ?Đ?ĐG Ž? d?GAU ISG ?GuAIsZY?SsĐ dGI? GGY ĐŽ|G?I? AYE Es?A?IG? ?s?U?dSG ?AwG ĐŽ?uE?dS? ?AsE IŽ?Ž?G? IŽ?w? ŽI ĐuswAIG ?S?U?I s? YŽ ĐŽSYĐSEGYĐG ISGY ISAI ?S?G?G Đ?ŽO?G??s? dG?YO wAIs?sl s? sY ĐŽYIG?I? ?S?G?G ???IASYGE ??ĐĐŽ?I I?Žw ISG YAlsZYAu uG|Gud?suE? ŽY ?Žus uŽDAu ?Ž?OAY?AlsZY?

VŽ?sls|Gu?? ISs? s??GluGĐIGE sY ISG /YĐSGŽY ZGwAD?S sĐS?I?IG?ISG ?Ž?A? ? ????? G?IAdus?S ĐuswAIG ?G?susGYI Es?A?IG? ?S?U wAYAOGwGYI ; ŽD? ???IGw? ISAI ĐŽYI?sd?IG IŽ ???IASYAduG EG|GuŽĐwGYI AI ?GOSŽYAu? YAlsZYAu? ??d YAlsZYAu AYE ĐŽww?Ysl? uG|Gu???

“Mainstreaming climate change adaptation and disaster risk reduction practices and policies into a sustainable local agency with constant community dialogue is vital: It is part of the national mandate.” Mr. Manuel Q. Gotis, Ceso III, Director IV, Department of the Interior and Local Government (DILG), Bureau of Local Government Development, Government of Philippines

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dĐsĐAuu? ?SA?ISs? ?I?E? SA?IŽ?YE s? AY AĐĐGDIAVĐG ŽI ISG ĐŽIGYIsAu dGYGIsI? ŽI EG|Žu|sYO ?G?ĐŽY?sdsusG? AYE ŽG?Ž??ĐG? IŽ ISG uŽDAu uG|Gu? d?I A ?soYsĐDAYI uAĐU ŽI ĐADAdus? sY EGus|G?sYO ISs? sY A ???IGwAIsĐ AYE ĐŽwĐ?GSGY?s|G wAYYG?? /Y ĐA?IsĐ?uA? YAlsZYAu uG|Gu GIŽ?? ?GADs YŽ I??ISG? ISAY Đ?Ž|sYĐsAu Ž? ŽĐDA?sŽYAu? Es?I?SĐI uG|Gu?? AYE sY wŽ?I ĐA?G? ISs? s? ŽYU? ?ĐG?IsDsAu sY sl? ĐADAdus? IŽ I?AY?IŽ?w EGDs?sŽY-wAUsYO IŽ dG ?S?UdA?GE AYE ĐA?IsDsĐAIZ?? dSs? s? ISGY ĐŽwĐŽ?YEGE d? ISG IAD?ISAI ISG?G s? A Es?IsYĐI OAD ?GwAsYsYO sY ISG ???IGwAIsĐ sYIGO?AlsZY ŽI ĐŽww?Ysl?uG|Gu AYE uŽDAu uG|Gu Đ?ĐG??G?? A OAD ISAI s? ?ŽwGswG? IGwĐŽ?A?su? IsuGE d? E' K ??d?I ŽY A Đ?ŽUGĐI dA?s??

² Ensor J. (2009) *National Institutions for Community Based Adaptation: Practical Action Adaptation Workshop 2009: Background Briefing Note*. UK: Practical Action
³ Reid H, Cannon T, Berger R, Alam M, and Milligan A (eds) (2009) *Participatory Learning and Action 60: Community Based Adaptation to Climate Change*. London: IIED
⁴ UNISDR (2009 page 99)

Ž?YI?SG? A?G A? A?G AYE A?G I??SYO IŽ Ž|G?DŽwG IIs? ĐSAuuGYOG? &Ž? G?AwĐuG? sY VAD?A E G?
' ?SYGA ISG EAlSŽYAu s?A?IG? ŽwwsllGG s? sY ISG Đ?ŽĐG?? ŽI ĐsuŽIsYO ZD Đ?ŽĐDI? sY
|?U?G?AduG ĐŽww?YsIsG??&??ISG?? ISG sYĐ?I? I?Žw ISG?G A?G sYIGYEGE IŽsYIŽ?w ZZ?
ĐŽusĐ? ? Ž ?U AI ISG YAlSŽYAu uG|Gu?

dSs? ?GDŽ?I G?ĐAYE? ?ĐŽY ??ĐS ĐŽYĐGDl? IŽ ISG EGO?GG ĐŽ??sduG d? Đ?Ž|sEsYO sYIŽ?wAlSŽY ŽY
ISG ? A?? sY ? S sĐS ZD- s?Đ???GYlu? dGsYO sYĐu?EGE ? sIsY uŽĐAu EG|GuŽĐwGYI
Đ?ŽĐG??G?? ? SAI ISG UG? ĐSAuuGYOG? AĐĐGA? IŽ dG? AYE SŽ? ISG ?sI?AlSŽY ĐŽ?uE dG swĐ?Ž|GE?

dSG ?GDŽ?I ĐŽYIASY? ISG IŽuŽ ? sYO ?GDIsŽY?; IŽ dG AEEGE??

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First Draft

2. Approach and Methodology

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First Draft

3. Community based disaster risk reduction and adaptation in local development processes

3.1: Institutional arrangements at the local level for CBDRR-CBA

3.1.1: Theoretical significance

D AY? ŽI ISG sY?IsI?IsZYAu AYE uGos?uAIs|G ???IGw? Đ?GAIGEAI ISG YAlSZYAu uG|GuIŽ? Es?A?IG? ?SU ?GE?ĐIsZY SA|G SAE usluG sYN?GYDG ŽY E G|GuŽwGYI ?GDIŽ??? E?G IŽ A uADU ŽI ĐŽusĐAu A?ISŽ?sl? AYE IGDSysĐAu ĐADADsl?? ĐA?IsĐ?uA?u? sY ĐŽ?Y?SG? ? S G?G w?ĐS EG|GuŽwGYI s? ?Y?GO?uAIGE AYE ŽĐĐ??? sY ISG sYIŽ?wAu ?GDIŽ??/Y d?sGI wAY? sY?IsI?IsZYAu A??AYOGwGYI? IŽ? ZZ SA|G ????OouGE IŽ dG ?GuG|AYIAYE sYlu?GYIsAu sY ĐŽwĐA?s?ŽY ? sIS ŽISG? ĐŽusĐAu AOGYEA?? &??ISG?wŽ?G? sl s?YŽI G|GY ĐUGA?Đ?I SŽ? IŽ uGos?uAIG wŽ?I GIGĐIs|GuI IŽ? Es?A?IG? ?SU ?GE?ĐIsZY AYE AEADIAIsZY sl ISS? ? G?G Đ?sŽ?sl?GE?dSs? s? ŽY AĐĐŽ?? ŽI ISG?ĐI ISAI wŽ?I ?GE?ĐIsZY sY |?uYG?AdsusI? EGDGYE? ŽY IADIŽ?? ŽIIGY ĐŽwĐuGIGu? ?Y?G?uAIG IŽ ?SAI s? ?GOA?EGE A?Es?A?IG? ?SU ?GE?ĐIsZY? Ž? sYEGGE ĐuswAIG ĐSAYOG AEADIAIsZY⁶?

uG??ŽY ISAI ĐAY dG EG?s|GE s? ISAI sl s? swĐŽ?IAYI YŽI IŽ dG IŽŽ ?sOs? ĐŽYIsY?E Ž? YA??Ž? u? IŽĐ??GE ? S GY G?IAdus?SsYO AYE ?I?GYOISGYSYO sY?IsI?IsZYAu A??AYOGwGYI? IŽ? ZZ AYE AEADIAIsZY?t SAI s? YGGEGE A?G sY?IsI?IsZY? ĐADADuG ŽI ?G?IsYO sY?G?DG E?G IŽ ISGs? ?GuG|AYDG IŽ EG|GuŽwGYI AYE ISGs? AdsusI? IŽ ?swĐŽ?I?AIG swĐADI AYE SGYDG ? Ž?IS?

UG? IsYEsYO ŽI uGA?YSYO IŽw /W , K s?ISAI ĐŽww?Ys? uG|Gu ZZ ? Ž?U ĐAY dG ĐAuGE Đ AYE ?GĐusĐAIGE ? S G?G ĐŽww?YsI?? uŽĐAu AYE YAlSZYAu sY?IsI?IsZY? A?G ?I?ŽYŮ?t G w??I G?ĐAYE ISS?IŽ dG ĐUGA? ŽY?SAI ??IŽYO? wGAY?? ?GYOsĐŽwG? sY ISG ???IGw Ž|G?Au? YŽI sl? sYEs|sE?Au ĐA?I?? dSG ???IGws? ŽY? ?P?OŽE A? sl? ? GAUG? usYU? dSs? G?ĐuAsY? ?S? ĐŽO?G?? AI ISG YAlSZYAu uG|Gu AYE ĐŽO?G?? AI ISG ĐŽww?YsI? uG|Gu s? YŽI AEG??AIGu? ?GE?ĐsYO ?s?U? dSG I? Ž AĐĐŽ?AĐSG? A?G uA?OGU??GĐA?AIG AYE IŽ? sYlu?GYĐsYO ŽYG AYŽISG?? ?I?ŽYO ???IGw? Ž? uE ĐA? AIIGYIsZY IŽ ISG sY?IsI?IsZY? ISG?wG|G? AYE AuŽŽ ISG ĐŽYyGĐIsZY? dGI? GGY ISGw – ĐŽSG?GYDG? ĐŽŽ?EsYAlSZY? G?ĐGĐI IŽ? E?IG?GYI ŽDsYsŽY? AYE ?Ž ŽY?dSs? SGuĐ? IŽG?ĐuAsY ?S? ISG G?s?IGYDG ŽI ?AlSZYAu ?GDGYI?Aus?IsZY?ĐŽDG??G? SA? dGGY sEGYIsSGE A? A UG? ??ĐDG?? IADIŽ? sY ?I?GYOISGYSYO AYE ?I?AsYSYO Es?A?IG? ?SU ?GE?ĐIsZY ĐADADsG? AI ISG uŽĐAu AYE ĐŽww?YsI? uG|Gu? ⁸ ;ZGosZYAu ŽIG?|sG? ??

Y sY?IsI?IsZY? ISAI s? ?I?ŽYO AYE ĐADADuG ŽI EGus|G?SYO ?s?U ?GE?ĐIsZY s? AduG IŽ sEGYIsI? AYE A?IsĐ?uAIG YGGE?IA?GE ŽY ĐŽY??uIAIsZY AYE EGus|G? ?G??uI?? dŽ AĐĐŽwĐus?S ISS? sl ? suYGGE IŽ Đ?GAIG AYE ? Ž? ĐADsIAus?G ŽY ŽĐĐŽ?I?YsIsG? ISAI A?s?G IŽIADsusIAG ĐAIS? A?? dGI?GGY sY?IsI?IsZY?? A? w?ĐS A? dGsYO ?I?ŽYO? sY sl? Ž?Y ?sOSI? dSG?G A?G ISG ĐŽYEsIsZY? ?S G?G |?uYG?AdsusI? ?GE?ĐIsZY ĐAY ŽĐĐ??? t sISŽ?I ??ĐSE?YAwsĐ sY?IsI?IsZYAu A??AYOGwGYI? ?I?AsYAdsusI? ŽI ZZ s? EsIsĐ?uI IŽ GY???G? dSs? ?YEG?ĐsY? ISG swĐŽ?IAYEG ŽI IADIŽ?sYO sY ISG ?I?GYOISGYSYO ŽI sY?IsI?IsZY? A? AwAIIG? ŽI EŽ???G E??sYO ISG EG?sOY ĐSA?G ŽI A ZZ Ž? sYIG?|GYIsZY?; /W , K ?????? dSGwG ??

⁵ UNISDR (2009 page 14)

⁶ CCCD (2009 pages 75-76)

⁷ Also raised as important is the need for DRR to be considered as a priority

⁸ UNISDR (2009 Table 5.1 page 123)

3.1.2: Regional evidence

D GDSAYS?w? IŽ? SYIGO?AIsZY sY uŽDAu EG|GuŽDwGYI Đ?ŽDGG??G??

ZD - s? dG?I AĐĐŽwĐus?SGE AYE ???IASYGE ?S GY sl s? SYIGO?Au IŽ uŽDAu EG|GuŽDwGYI Đ?ŽDGG??G?? sYlu?GYĐsYO uŽDAu EG|GuŽDwGYI ĐuAY? AYE AĐIsZY?? uGAR? ISŽ?OS sY Ž?EG? IŽ? ISs? IŽ OAsY I?AĐIsZY sl w??I dG sY ISG dG?I SYIG?G?I ŽI GADs Ž?OAYS?AIsZY AYE ?IAUGSŽuEG? AI ISG uŽDAuG|GuIŽ EG|GuŽD AĐĐ?ŽĐ?sAIG ĐŽusĐsG? AYE ?I?AIGOsG? IŽ AEE?G?? ?ĐGDsĐ ZZ AYE AEADIAIsZY s???G??DŽ?I I?ĐsĐAu? ISŽ?OS? sl s? G|sEGYI ISAI AI ISG uŽDAuG|Gu ISG?G s?ŽIIIGY A uADU ŽI ĐuAYsYO ? sIS ?GOA?E IŽ ZZ? ? /Y?wG??Ž?? ĐŽ?Y?Sg? Ž Yu?A ?wAu wsYŽ?sl? ŽI Đ?Ž|sYĐG? AYE Es?I?SĐI?SA|G sYĐu?EGE ZZ? sY ISGs? AYY?Au AYE w?uls?GA? ?Ž?U ĐuAY? DŽ?I EŽ YŽI ?GluGDIEs?A?IG? AYE ĐuswAIG ?s?UDŽYĐG?Y??dSG?G wA? Au?Ž dG A uADU ŽI ??ĐĐŽ?I I?Žw ISG YAIsZYAu uG|Gu IŽ Đ?GAIG AYE GYAdusYO GY|s?ŽYwGYI IŽ? ISG luŽ? ŽI ??ĐĐŽ?Is|G sYIG?AĐIsZY? dGI? GGY uG|Gu? ŽI AEwsYs?I?AIsZY? &Ž? sY?AYĐG? sY ISG ĐA?G ŽI ?s? AYUA sl ? A? ?GDGAIGEu? EG?Đ?sdGE ;G?O? ZGE ?Ž?? SŽ? AY sYIŽ?wAIsZY wAYAOGwGYI w?SAYS?w s? YGGEGE IŽ ĐŽYGD I uŽDAu G?ĐG?sGYĐG ? sIS ISG YAIsZYAu uG|Gu?

dŽ EŽ?YIG? A uADU ŽI ?ĐIAUG?G?s?IsYO A??AYOGwGYI?IŽ? uŽDAu EG|GuŽDwGYI ISG dGsYO ĐAĐsIAus?GE ŽYsY ?G|G?Au ĐŽ?Y?Sg?IŽ wG?S ZD- ? sIS ?OS Đ?ĐG??G?? &Ž? G?AwĐUG? sY ISG ĐA?G ŽI s sGIYAw? ĐA?IsĐsĐAIŽ?? ?ŽĐsŽ -GDŽYŽwsĐ EG|GuŽDwGYI ĐuAYsYO s? A Đ?ŽDGG??S G?G uŽDAu ĐGŽĐUG ĐA?IsĐsĐAIG sY EG|GuŽDwGYI ISGs? Ž?Y |suuAOGwGYI|GuŽDwGYI ĐuAY IŽ ĐŽY?sd?IG IŽ ?ŽĐsŽ -GDŽYŽwsĐ EG|GuŽDwGYI ĐuAYsYO AI ĐŽw?Y?G AYE Es?I?SĐI uG|Gu?? dSG s sGIYAw EAIsZYAu ?I?AIGO? IŽ? EAI??Au s?A?IG? W?G?GYsZY? Ž?ĐŽY?G AYE D slsOAIsZY IŽ ???? Asw?IŽ sYIGO?AIG Es?A?IG? ?s?U wAYAOGwGYI sYIŽs? ĐuAYsYO Đ?ĐG??AI Au uG|Gu??&Ž?ISG?? s sGIYAw ĐŽ??G??G? AYGI?Ž?U ŽI uŽDAu ?ĐAuG Es?A?IG? wAYAOGwGYI ?OAYS?AIsZY? IS?Ž?OS sl? YG?IGE ???IGw ŽI luŽŽE AYE ?IŽ?w ĐŽY?Žu ĐŽwvslIGG?? ?SOS d?EOG? uŽDAu AYE YAIsZYAu ?ĐAuG AĐIs|sG?? /YG?G?IsYO? ISG?G wA? Au?Ž dG ?G?E A? |GS?Ug? IŽ ?As?G A? A?GYG?? AYE ?GDŽ?E Žd?G?|AIsZY? ŽI ISG swĐADI? ŽI ĐSAYOS?Đ ĐwvAI?ĐEŽYEsIsZY?⁹

s|su ?ŽĐsGI? ĐG??ĐGDIs|G? ŽY E?ŽO?G?? IŽ? A?E? ISG , & ? A? sEGYIsIGE sY s sG?? I?Žw ISG &Ž?ŽYlusY¹⁰? SsOSusOS? s sGIYAw A? SA|sY wAEG wŽ?I Đ?ŽO?G?? Ž|G?Au AwŽYO ISG ĐŽY?sd?IsYO ĐŽ?Y?Sg?? w?SAD?ISG?A? ISAI ISG AIŽ?GwGYIsZYGE ?I?AIGO? ĐAĐsIAus?G? ŽY G?s?IsYO EG|GuŽDwGYI Au A??AYOGwGYI? AI w?uls?Ug uG|Gu? ?SsuG GYEŽ??sYODŽwv?Ysl?-dA?GE Es?A?IG? ?s?U wAYAOGwGYI s? A?GA?ŽY¹¹?

dŽ SGUĐ Ž?OAYS?G?SŽ SA? ?G?ĐŽY?sdsusI? AYE SŽ? ZZ AYE AEADIAIsZY s? SYIGO?AIGE sYIŽ uŽDAu EG|GuŽDwGYI Đ?ĐG??G??ĐŽ?Y?Sg? I?ĐsĐAu? SA|G G?IAdus?SGE Ž? A?G G?IAdus?SsYO Es?A?IG? wAYAOGwGYI ĐŽwvslIGG?? dSG?G A?G GsSG? Es?Đ?GGI O?Ž?Đ?? Ž? ISG? A?G IŽ?wGE A? A ??d-ĐA?I ŽI uŽDAu AYE ĐŽwv?Ysl? EG|GuŽDwGYI ĐŽwvslIGG?? dSG uAIG? A??AYOGwGYI? SA? ĐuGA? ???IASYAdsusI? dGYGIsI??

/Y ISG ĐA?G ŽI AYUwAEG?S? A? ĐG? ISG ?IAYEsYO K?EG?? ŽY s?A?IG?? s?A?IG? D AYAOGwGYI ŽwvslIGG? ; D ?? AI YAIsZYAu AYE ??d-YAIsZYAu uG|Gu?SA|G dGGY G?IAdus?SGE IS?Ž?OSŽ?I ISG EŽ?YI??? dSs? SA? SGUĐGE sYIŽ?wAIsZY luŽ? ?Đ? A?E? I?Žw uŽDAu uG|Gu?? d SG ũ ? G?I

⁹ Few (2006 page 9)

¹⁰ GN (2009)

¹¹ However the National Target Program to Climate Change Response adopted in 2008 has a difference in language and concepts to the disaster risk reduction strategy. The government is seeking to address this (UNISDR 2009).

AEwsYs?I?AIs|G uG|GuŽI ISG?G OŽ|G?YwGYI-uGE ĐŽwswlIGG? s? ISG hYsŽY uG|Gu? , Ž?G|G??
?G|G?Au E' K ?? Žww?Ysl?-dA?GE K?OAYs?AIsŽY?? AYE ISG AYOUAEG?S ZGE ?G?DGYI ^ŽDsGI?
; Z ^? sEGYIsIsGE ISAI ISG?G ? A? ŽIIGY A ĐŽsDAu OAD dGI? GGY ISG hYsŽY D AYE ISG
ĐŽww?YslsG? ISGw?Gu|G?? dSG?GIŽ?G? sY Ž?EG? IŽ ĐŽ|sEG usYUAG?? ?GuGDIGE ĐŽww?YslsG?
SA|G dGGY ??ĐĐŽ?IGE IŽ G?IAdus?SISGs?Ž?Y D ??dSG?G sYIŽ?wAu ?I?ĐI??G? ;s?G?
G?IAdus?SGE IS?Ž?OS A ĐŽuGDI? YŽI OŽ|G?YwGYI-wAYEAIGE? SA|G d?Ž?OSI ZZ? -?GAIGE
YGGE? AYE s???G? IŽ ISG AIIGYIsŽY ŽI ISG hYsŽY D ? sY A ĐA?IsĐsDAIs|G wAYYG?? /Y ?ŽwG
ĐA?G?? ISG AYY?Au s?A?IG? D AYAOGwGYI WAW? EG|GuŽĐGE d? ISG hYsŽY D ? AYE
??d?G??GYIu? ??dswlIGE IŽ SsOSG? AEwsYs?I?AIs|G uG|Gu?? SA|G sYĐu?EGE ISG?G s???G? sEGYIsIsGE
d? ISG ĐŽww?YslsG?? /Y ISS?? A?? ĐŽww?YslsG? SA|G sY ?ŽwG ĐA?G? dGGY sY|Žu|GE sY Es?A?IG?
wAYAOGwGYI ĐuAYsYO ĐŽĐG??G?? AYESA|G dGGY AduG IŽ sYEs?GDIu? sYU?GYĐG ?s?U ?GE?ĐIsŽY
EGĐs?SŽY-wAUsYO AI SsOSG? uG|Gu?? ^swsuA?u?? E' K ? ŽĐG?AIsYO AI ĐŽww?Ysl? uG|Gu SA|G
??ĐĐŽ?IGE hYsŽY D ? IŽ ĐŽGDA?G ISG AYY?Au ĐuAY?? A? ? Guu A? GYCOsYO sS AYE AE|ŽDAIsYO
IŽ ISG hYsŽY AYE AEwsYs?I?AIs|Gu? -SsOSG? hĐA?suuA D ??

/Y ISG ĐA?G ŽI EGDAu? A I ISG EAIsŽYAu uG|Gu? ISG D sYs?I?? ŽI >ŽDAu G|GuŽĐwGYI SA? ?GDŽOYs?GE
ISG ?ŽuG ŽI uŽDAu ĐŽww?YslsG?? AYE s? EG|GuŽĐsYO YAIsŽYAu O?SEOG sYs? I?Ys suuA?G G|GuŽĐwGYI
ŽwwswlIGG ĐuAYsYO dA?GE ŽY ĐŽuGDI G?ĐG?SGYĐG?? /I s? AuŽ?Đ?ZE?SYO EGEGusYG? IŽ? s suuAOG
G|GuŽĐwGYI ŽwwswlIGG Es?A?IG? wAYAOGwGYI ĐuAYsYO? W?ĐIsĐAu ĐIsŽY ?????dSs? SA?
?G??uIGE sYAY GY|s?ŽYwGYI sY ?SsĐS ISG ĐŽ?SIs|G IAU?G ŽI ĐŽww?Ysl? dA?GE ADIsŽY? ĐŽ?uE dG
?GDŽOYs?GE AYE sYĐŽ?ĐŽ?AIGE sYIŽ uŽDAu ĐuAYsYO? , Ž?G|G?? A?AY AYOUAEG?S?Ž IADsusiAIG ISS?
ĐŽĐG?? AYE d?SEOG ISG OAD dGI? GGY ĐŽww?Ysl? AYE uŽDAu OŽ|G?YwGYI?E' K I?YE? AYE
IGDSYsDAu ĐADADs? SA|G dGGY ĐŽ?ĐsAu? dSG ? suuAOG?? ŽI sYEs|sE?Au uŽDAu OŽ|G?YwGYI uGAEG??
SA? AuŽ? dGGY Đs|ŽAu IŽ ??ĐĐG?? ;hE/^ Z??????

Y AUG?YAIIs|G AYE ĐŽwĐ?GSGY?s|G AĐĐŽADs s?AEŽDIGE sY &sus IS?Ž?OS ISG sYIGO?AIGE >ŽDAu
>G|Gu Zs?U D AYAOGwGYI ĐĐŽADs ;>>ZD ?IŽ ?GE?ĐsYOI uŽZE AYE ŽISG? ?s?U?? YĐŽ??AOSYUu?
>>ZD s?IŽĐ??GE ŽY uŽDAu OŽ|G?YAYĐG? AYE ĐŽww?Ysl? ĐuAYsYO AYE ĐŽGDA?GEYg??? A? ? Guu A?
IS?Ž?OS sYEs|sE?Au ĐA?IsĐs?AIsŽY AYE wAIs|AIsŽY? ^I?ĐI??G? G?IGYE A? IA?EŽ?Y A? |suuAOG AYE
?GIIuGwGYI uG|Gu? sIs A? sswIŽ Gus?YAIG EGDGYEGYĐ? AYE ĐŽwĐuADGYĐ?? ?I?GYOISGY
ĐŽww?Ysl? ?G|G? -?G|G?AYĐG AYE IŽ wŽIs|AIG AYE GYĐŽ??AOG ĐŽww?Ysl? ĐA?IsĐsDAIsŽY sY ZD
ĐŽ?O?AwW?G? AYE ADIs?SG?? K?IG ?s?U?GY?sIs|G EG|GuŽĐwGYI ĐŽĐŽ?Au? A?G ĐŽGDA?GE? s?I?SĐI
KIIsĐG?? /Y ISG uŽDAu OŽ|G?YwGYI uG|Gu ??dswl ISGw IS?Ž?OS ISG EAIsŽYAu s?A?IG?
D AYAOGwGYI KIIsĐG? ;hE/^ Z?hE W?????

Y AEEsIsŽYAu? AYE ?Guu EŽĐ?wGYIGE wŽEGu? s? IŽ?YE sY udA? WŽ|sYĐG? ISG W?susĐĐsYG?? , G?G
ISG udA? W?dusĐ ?AIG?? wG?OGYĐ? AYE D AYAOGwGYI KIIsĐG ; W? DK?s?A ĐŽE?ĐI ŽI A
ĐŽ|sYĐsAu OŽ|G?YwGYI ISAI SA? G?IAdus?SGE AYE I?YEGE A ĐG?wAYGYI ŽIIsĐG ?G?ĐŽY?sduG IŽ?
Es?A?IG? ?s?U ?GE?ĐIsŽY wAsY?I?GAwsYO AYE ĐŽŽ?EsYAIsŽY? dSG ŽIIsĐG SA? A ĐG?wAYGYI ?IAII
?SŽ ĐAY ???|s|GISG |AOA?sG? ŽI ISG ĐŽusĐDAu ĐuswAIG? AuuŽ? sYOIŽ? ??d?IAYIs|G
sY?IsI?IsŽYAus?AIsŽY ŽI Es?A?IG? ?s?U ?GE?ĐIsŽY ĐŽ?SŽ?SIsG? ? sSsY ISG ?GO?uA? ĐuAYsYO?
OŽ|G?YAYĐG? ĐŽ?O?AwW?G? AYE ĐŽuGDI? ŽI uŽDAu OŽ|G?YwGYI?ZGOSŽYAu Ž|G?|sG? ?/Y ISG ĐA?G
ŽI ISG W?susĐĐsYG?? ?ĐĐG??sY udA? WŽ|sYĐG SA? ?G?IGE ŽY W? DK?? AdsusI? IŽ G?IAdus?S
GIIGĐIs|G ĐŽ??-OŽ|G?YwGYI AYE w?uls?GDIŽ? ?Ž?UsYO ?GuAIsŽY?SsĐ?? AYE IŽ sY?IsI?IsŽYAus?G
ISGw?/I? ĐA?IsĐsDAIŽ?? AĐĐŽADs SA? AuŽ? wGAYI ISAI ISG OŽ|G?YwGYI? ĐŽ?S|AIG ?GDIŽ?? E' K ??
?GusOsŽ?? ?GDIŽ?? wGESa AYE O?A????ŽI? ĐŽww?YslsG? SA|G dGGY AduG IŽ ĐŽŽ?EsYAIg uŽsYI
ŽduGDI?G?? ADIsŽY? AYE ĐuAYsYO IŽ? Es?A?IG? ?s?U ?GE?ĐIsŽY? ;hE/^ Z?????

3.1.3: Legal arrangements

>GOAu A??AYOGwGYI? EG?D?sdGE sYDu?EG ISG G?IAdus?SwGYI AYE I?YDIsŽYsYO ŽI ?DGDsD uGos?uAIsŽY ŽY Es?A?IG?? AYE ĐuswAIG ĐSAYOG? AYE ? sIS ?G?ĐGDĐI IŽ IŽĐsD? ISAI ĐŽ??G?? ?sOYsIsDAYI ?GuAIsŽY?SsD ? sIS ISG?G ??duGDĐI? – ??ĐS A? GY|s?ŽYwGYIAu uA???

&s?u? ?Es?GDu?? uGOAu A??AYOGwGYI?SA|G dGGY ??GE IŽ ?I?GYOISGY ZZ sY?IsI?IsŽYAu A??AYOGwGYI?? &Ž? G?AwĐuG sY DŽYOŽuA ISG swĐuGwGYIAIsŽY ŽI ISG s?A?IG? WŽIGĐIsŽY uA? s? dGsYO sYIGY?slsGE sY ??ĐDŽ?I ŽI s?A?IG? Zs?U ZGE?ĐIsŽY D AYAOGwGYI Ž?YĐsu? AI ISG uŽĐAu uG|Gu AYE? sIS ?G?ĐGDĐIISG Ž|G?Auu ?I?GYOISGYSYO ŽI ISG ZZ ???IGw? >JUG? s?G? sY ISG ĐA?G ŽI AYOUAEG?S?ISG s?A?IG? D AYAOGwGYI su s? sY ISG kYAu Đ?ŽĐG??G? ŽI dGDŽwsYO AY ĐI?, G?G ISG?G s? A E?S|G IŽ dŽu?IG? AĐDŽ?YIAdsusI? AwŽYO ISG D ?? ???GYIu? D ??;AYE ISGs? Ž?uG? AYE ?G?ĐŽY?sdsusI?G? A? ĐG? ISG ^IAYEsYO K ?EG?? ŽY s?A?IG?? A?G YŽI wAYEAIGE ?YEG? ISG uA? ? dSs? wGAY? ISAI Đ?dusĐ E?I? dGA?G?? A?G YŽI AĐDŽ?YIAduG IŽ? ISs? AĐ? ? Ž? sYADIsŽY?? AYE ĐŽww?YsIsG? A?G Đ???GYIu? ?YAduG IŽ EGwAYE ISGs? GYIsIuGwGYI IŽ? ZZ AYE Đ?Ž|s?ŽY I?Žw ISG uŽĐAu OŽ|G?YwGYI? ^Ž GYIŽ?ĐGwGYI ŽI ISG YG? uA? ? Ž? I?E ĐŽ? ? ISs??

&??ISG? IŽ ?DGDsIsD ZZ? D Ž? uA? ? sY WAY? ĐA?G? uA?? ŽY AIsŽY uEG|GuŽĐwGYI sI?Gul sYIGO?AIG ISG ??duGDĐI?? sISsY ISGw? &Ž? G?AwĐuG? sY ISG ĐA?S ŽI /WŽIG?S?A? ISG uA? ? sIS ?G?ĐGDĐI IŽ ISG ĐŽ?YI???? >ŽYOG?-IG?w EAlsŽYAu G|GuŽĐwGYI WAY ???? Đ?Ž|sEG? A IŽ?YEAlsŽY IŽ? ŽĐG?AlsŽYAu swĐuGwGYIAIsŽY ŽI ? Ž? AYE ? A? Es?A?IG? wAYAOGwGYI AYE ĐuswAIG ĐSAYOG AEADIAIsŽY A?G sYDu?EGE A? EG|GuŽĐwGYI Đ?S?S?G??

EEsIsŽYAu? ZZ AYE sY Ž?wG ĐA?G? SA|G dGGY sYIGO?AIGE ? sISsY ??duGDĐI? ISAI SA|G ĐuGA? Ž|G?uADDSYO sYIG?G?I?? ^Isu sY NEŽYG?SA? G?ĐusĐI ĐŽY?SEG?AlsŽY? IŽ? ZZ A?G sYDu?EGE sY ISG uA? ŽY ^ĐA?Au WAYYSYO AYE ŽY ISG D AYAOGwGYI ŽI ŽA?IAu AYE ^wAu /uAYE ?GA?? ?ĐGDĐI? ŽI A?G AĐDŽwwŽEAIGE sY ???? ??ĐS A? ŽY D GIGŽ?ŽuŽO?? uswAIŽuŽO? AYE ' GŽDS??sD? AYE ISG uA? ŽY WŽIGĐIsŽY AYE ĐA?AOGwGYI ŽI ISG Y|s?ŽYwGYI? ^ŽwG ŽISG? uA?? Au?Ž swĐusĐslu? AEE?G?? ? Ž? IŽ? ^IAYEĐG ISG ĐŽ?YI???? uA? ŽY t AIG? ZG?Ž??ĐG? ISAI Es?Đ???G? wslsOAlsŽY wGA? ?G? IŽ EŽYI? ? IŽ ŽE EAwaOG? ZZ A?ĐGDĐI?A?GAu?Ž Đ?G?GYI sYISG uA? ŽY &Ž?G?I?? AYE ISG uA? ŽY , GA?S AYE ISG?G swĐusĐslu? ??ĐDŽ?I A?ĐGDĐI? ŽI GI IŽ?I?A? ? Gu?

?I?ŽYOG?G?AwĐuG ŽI ?Isus?YO ISG ? Ž?U ŽI A ?DGDsD AOGYĐ? IŽ dŽu?IG? A ĐŽ?YI???? uGOAu A??AYOGwGYI? IŽ? ZZ AYE AI ISG uŽĐAu uG|Gu s? IŽ?YE sY ISG ĐA?G ŽI ISG V?susĐĐsYSG?? hYEG? ISG uA? ISG GDA?wGYI ŽI ISG /IG?sŽ? AYE >ŽĐAu' Ž|G?YwGYI SA? ISG ?G?ĐŽY?sdsusI? IŽ Đ?ŽE?ĐG¹²?

- ▶ Zs?U?GY?sIs|G ĆŽ-Đ?ŽIsuG??
- ▶ /Y|GYIŽ?sG? ŽI w?uIs-SA?A?E wAĐ? AYE Es?A?IG? ?s?U ?GE?ĐIsŽY wAYAOGwGYI ; ZD ? AYE ĐuswAIGESAYOG AEADIAIsŽY ; ?IŽŽu?A|AsuAduG IŽ uŽĐAu OŽ|G?YwGYI ?YsI? ;> h?? AYE sY?IsI?IsŽY? ? sIS ISG ĐAĐAĐsI? IŽ Đ?ŽE?ĐG A w?uIsĐuG-wAĐ Ž|G?uA? AYAu?S?? AYE
- ▶ Zs?U?GY?sIs|G EŽwĐ?GSGY?s|G uAYE ??G ĐuAY? ; >hV?? AYE ĐŽwĐ?GSGY?s|G EG|GuŽĐwGYI ĐuAY? ; V?? ĐS??sĐAu ĐuAY?? AYE AĐDŽ?ŽĐ?SAIG ?ŽYSYO AYE ?GIlUGwGYI

¹² The same department has responsibility for training on CBDRM, Vulnerability and Adaptation Assessment (V&AA), and the development of Disaster Risk Reduction Management (DRRM) plans.

ĐžusDsG?? AYE Đ?šž?si? ?GDŽ?? AYE A?GA?? ;? S G?G Au|Ž už? AY AYY?Au sY|G?wGYI ĐuAY ; /w???

>GOAu A??AYOGwGYI? ? sIS ?G?ĐGDl IŽ ĐžwDuswGYIA?? ??duGDl?? ??ĐS A? ISG GY|s?žYwGYI? uAYE ??G AYE d?suEsYO ĐžEG?? wA? dG ??!sDsGYIsY?žwG sY?IAYĐG?IŽ AĐĐžwDus?S w?ĐS sY IG?w? ŽI |?uYG?Adsusl? ?GE?ĐIsŽY G|GY sY ISG Ad?GYĐG ŽI ?ĐGDslsĐ ZZ AYE ĐžwĐžYGYI?? dSs? s? dGĐA??G? A?wGYIsŽYGE GA?usG?? |?uYG?Adsusl? ?GE?ĐIsŽY wA? ŽIIGY dG IA? ?GwŽ|GE I?žw ?SAI wsOSl sYsIsAuul? dG ĐžY?eG?GE A? Es?A?IG? AYE ĐuswAIG ĐSAYOG IŽĐ??GE?

/Y ISG ĐA?G ŽI ^?s >AYUA? ? sEG?Đ?GAE dGYGIsI? sY Đžww?YsI? EG|GužĐwGYI ? G?G AĐĐžwDus?SGE IS?ž?OS A E?s|G IŽ Đž?YIG? ISG ?GA?žY??S? G?s?IsYO GY|s?žYwGYIAu uA? ? A?YŽI dGsYO GYž?ĐGE užDAuu?? /Y ISS? sY?IAYĐG suCOAu?AYE wsYsYO AYE ŽISG? EGI?swGYIAu užDAu Đ?ADIsDG? ? G?G ?G??ulsYO sYswĐADI? IŽ ISG S?E?žUžO? ŽI ISG DASA K?A ?s|G??ISAi uG? sYĐ?GA?GE G?Đž???G AYE ?GY?sIs|sI?IŽ ?ž?w ???OG AYE ?s|G? lužžE? dS?ž?OS A u?už? A? ?G?G?? ŽI ISG ? sEG?Đ?GAE YGOAlS|G swDusĐAlsŽY? IŽ ?žDsGI? ISG Đ?ADIsDG?? GYI ?YAdAIG? SAUs?IsYO ISS? ĐžYIG?I ? SsuG ??ĐĐž?IsYO ISG G?IAdus?SwGYI ŽI AY AUG?YAls|G us|G? sžžE ĐžO?AwwG IŽ? ISG ?AYE wsYG?? ISGw?Gu|G?? G?G ISG UG?? IŽ ?GGSYOISG G?s?IsYO u?? sY?uGwGYI?ĐE? dSG Đ?žUGĐI ?YĐ?GA?sYO ISG ZG?susGYĐG ŽI ŽA?IAu AYE Zs|G?sYG žww?YsG? IŽ uswAIG SAYOG AYE ŽISG? dS?GAI?d? žY?G?|sYO ISG Đž???IGw? ŽI ISG D ASA K?A AYE ??žE?AIG? ŽA?IAut GluAYE? sY ^?s >AYUA?žIIG?? A ?I?žYOAYE ĐuGA? wG??AOG žY sžž? |?uYG?Adsusl? IŽ YAI??Au SA?A?E? AYE ĐuswAIG swĐADI? ĐAY dG ?GE?ĐGE sY A ? A?ISAi ?G?žYAI?G? sIS ?YOG?-IG?w ???IAsYAduG užDAu EG|GužĐwGYI Đ?žĐG??G?? uISž?OS ?wAuul?ĐAD? ISS? sYsIs|G SA? ISG SAuuwA?U? ŽI ISG Đ?šYDsĐUG? ISAI sl AĐDusGE Gu?G? S G?G Đž?uE uGAE ?A?E? O?GAIG? ??ĐDG???

/Y ISG ĐA?G ŽI ISG D AuEs|G?? AuEž?YsI? A?G wAYEAIG d? ISG GĐGYI?Aus?AlsŽY ĐI IŽ EG|GužĐ ? ?GA? EG|GužĐwGYI ĐuAY? IŽ? ?GuG|A?I?AYE? Až už? ĐsI? Đž?YĐsu? ? sIS Ežww?YsI? ĐA?IsDsĐAlsŽY? dSs? žIIG?? ĐžIGYIsAuIž? t žYGY? G|GužĐwGYI žwwsIIGG?? E' K ? AYE Đžww?YsI? O?ž?Đ? IŽ Đ?ž|sEG Gs? sYĐ?I AYE ?GĐžwwGYEAlsŽY? sY ISGĐuAYsYO Đ?žĐG?? ?ž?YĐsu? A?G ISGY wAYEAIG IŽ Đ?GĐA?G sGs? d?EOGI? AYE ?ž ?U ĐuAY?^ž ISS? uGOAu A??AYOGwGYI s? AY žĐĐž?YsI? IŽ? ?ž? AYE IŽ dG GYOAOGE sY AY G?IAdus?SGEĐ?žĐG?? AI ISG užDAu uG|G?

, ž? G|G? GwDs?DAu G|sE?YĐG SsOSusOSI? ISAI GYž?ĐGwGYI ŽI ISG uA?? AYE G|GY sI?? A? A?GYG?? s? žIIGY IA? dSsY? YAlsžYAu sYIGYI? dSs? s? A wAuž? SsYE?AYĐG AYE AY G?Đ?G??GE ĐžYĐG?Y sY AYOUAEG?S Iž? sY?IAYĐG?

? AY G?AwĐUG Y|s?žYwGYIAu /wĐADI ??G??wGYI; / ?? AY swĐž?IAYI GYI?? ĐžsYI Iž? ?s?U A??G??wGYI? s? ĐžwwžYU? ĐG?ĐGs|GE A? ??GE IADG? AYE SGYĐG A dA??sG? IŽ ISG AĐĐGuG?AlsŽY ŽI GĐžYžwsĐ EG|GužĐwGYI ?AISG? ISAY A? AwGAY? ŽI ?AIGO?A?EsYO OAsY? sY ISG užYO IG?w?/Y ^?s >AYUA sl ? A? SsOSusOSIGE Sž? ISG G?IAdus?SwGYI ŽI |suuAOG ĐžwwsIIGG? wA? dG wAYEAIGE d? uA? ? d?I ISS? sY sI?Gul s? YŽI ??!sDsGYI Iž? ZD- IŽ IAUG AE|AYIAOG ŽI AYE lužž?S?S? /Y?IGAE ??ĐS uA? žYU? žĐGY? ISG ĐžIGYIsAuIž? ZD- IŽ dGĐžwG A ? I?žYO A?ĐGDl ŽI užDAu EGĐs?žY-wAUsYO? d?I žYU? sl žISG? ĐžYEsIsžY? Đ?G|Asu? /Y wž?I ĐA?G? ISG ĐSsGI ?GA?žY? Iž? Đžž? GYEž??GwGYI A?G Đž???ĐIsžY? uADU ŽI ?G?ž?ĐG? AYE ? GAU ĐADADsI??

3.1.4: Entry points

E GsISG? ZZ YŽ? ?SŽ?UE dG l?GAIGE A? ?IAYE-AuŽYG sYsIsAIs|G?? /Y?IGAE ISG? A?G IŽ dG sYlGO?AIGE ? sISsY EG|GuŽDwGYI Đ?ŽDGG??G?? sYlu?GYDšYO EGDš?sŽY-wAUšYO ??ĐS ISAI swĐADI? l?Žw SA?A?E? ŽY EG|GuŽDwGYI Ž?ĐDŽwG? A?G wsYsws?GE? ZGDŽY?l??ĐIsŽY AIIG? A Es?A?IG? G|GYI s? ?GO?uA?u? ?GOA?EGE A? AY ŽĐDŽ?l?YsI? l?d?suE dAĐU dGIG???, Ž? G|G? ISG?G A?G lswG? ?S GY Đ?ŽADIs|G ADIsŽY ĐAY OAsYwA?sw?w l?ADIsŽY? ŽIIG?sYO ? sEG?Đ?GAE dGYGIs? sY A wŽ?G ???IASYGE AYE ĐŽ?I GIIGDIs|G ? A??

>AYE ??G ĐuAYsYO AYE ? sIS ?G?ĐGDl IŽ d?suEsYO ĐŽEG? ? G?G ĐŽwwŽYU? Đ?G?GYIGE A?GYI?? ĐŽsYI??, Ž? G|G? G?AwĐUG? ?S G?G ISG?G uGE IŽ ???IGwAIsĐ ?ĐIAUG AI ISG uŽĐAu uG|Gu ? A? IA? l?Žw IŽ?ISDŽwsYO? ZGD?G?GYIsYO ISS? ĐSAuuGYOG? uAYE ĐG?šsĐAIsŽY sY ^?s >AYUA s? ĐŽY?SEG?GE ĐŽ?sls|G l?Žw A YAlšŽYAu ĐuAYsYO ĐG??ĐGDIs|G? d?I AI ISG uŽĐAu uG|Gu ??ĐS A ???IGw s? ĐŽY?SEG?GE IŽ SsYEG? EGDš?sŽY-wAUšYO? dSs? SsOSusOSI? s???G? ISAI ???Ž? ?EslIG?GYI ĐG??ĐGDIs|G? AYE AOGYEA? AĐ?Ž?? uG|Gu? AYE Es?ĐsĐusYG??

^swuA?u?? sY ISG ĐA?G ŽIs sGIYAw? uAYE ??G ĐuAYsYO sYĐŽ?ĐŽ?AIG? ?ŽwG ?s?U ?GE?ĐIsŽY ĐŽusĐsG? d?I G?ĐŽ??G IŽ YAI??Au SA?A?E? s??GDŽ?IGE IŽ dG sYĐŽY?s?IGYIw IAUC? sYIŽ EŽY?SEG?AIsŽY? >slUG? s?G s sGIYAw?? d?suEsYO ĐŽEG? IADlŽ? sY ĐG?IASY SA?A?E? ?GO? GA?IS? ?AIG? ?GA uG|Gu ?S?G? GIĐ?? d?I ISGs? GYIŽ?ĐGwGYI |A?sG? l?Žw Đ?Ž|sYĐG IŽ Đ?Ž|sYĐG? /I s? ?G? ?GYIw? EGDGYEGYI ŽY ISG uG|Gu ŽI A? A?GYG?? ŽI ISG ĐA?šĐ?uA? Đ?Ž|sYĐG? sYIG?Ž? AYE EG|GuŽDGG?? dSG?G s? AuwŽ?I YŽ GYIŽ?ĐGwGYI ŽI ISG d?suEsYO ĐŽEG? sY ĐŽY?l?ĐIsŽY ŽI Đ?š|AIs sŽ??sYO?

/Y ISG ĐA?G ŽI ^?s >AYUA? uŽĐAu A?ISŽ?sl? ĐADADš? ?GOA?EsYO d?suEsYO AĐĐ?Ž|Au? s? |G?? ? GAU? ?GI d?suEsYO sY uAYE?usEG ?s?U Đ?ŽYG A?GA? SA? dGGY GIIGDIs|Gu? Đ?ŽSsdIsIGE sY ?ŽwG Es?l?šDI? d? ISG , ?wAY ^GIlUwGYI? s|s?sŽY ŽI ISG s?A?IG? D AYAOGwGYI GYI?G AYE ISG h?dAY G|GuŽDwGYI ?ISŽ?sl??, Ž? G|G?? EG?GAŽYsYO ?S? ISS? AĐĐGA?? IŽ SA|G dGGY GIIGDIs|G sY ?ŽwG ĐA?G? s? YŽI ĐuGA? AYE ISG?G?G uG?ŽY? ĐAY YŽI dG GA?su? ?SA?GE?/I s? ĐŽ??sduG ISAI ?ŽwG Đ?ŽO?G?? ? A? wAEG sY ?E?ĐsĐ ĐuADG? E?G IŽ uŽĐAus?GEDŽusĐAu sYlu?GYDšG? d?I ŽYU? sY ISG ? AUG ŽI uAYE?usEG ŽĐĐ? ?GYDšG?

/MlGO?AIGE AYE ???IASYAdUG?AI??Au ?G?Ž??ĐG AYE GY|s?ŽYwGYI? GDŽ??l?Gw wAYAOGwGYI ?G?G AuŽ? ?GIG??GE IŽ A? GYI? ĐŽsYI? IŽ? ZZ AYE ISAI ?G?ŽYAIG ? sIS uŽĐAu ĐŽYEsIsŽY?? YŽIG?Ž?Is? ?G?A?wĐUG? A? ?EGYIsIGE sY ^?s >AYUA? , G?G /MlGO?AIGE ^?AIGOsĐ Y|s?ŽYwGYIAu ???G??wGYIw? ?³ ISAI GYĐŽwĐA??G? A ĐŽY?SEG?AIsŽY ŽI Es?A?IG? ?s?U? ŽIIG?? AY GYI?? ĐŽsYI IŽ? ISG ??duGDIsSAI ?G?ŽYAIG? ĐŽ?Gu? ? sIS wAuŽ? GDŽYŽwsĐ EG|GuŽDwGYI ĐuAYsYO Đ?ŽDGG??G?? dSs? s? swĐŽ?IAYI ŽY AĐĐŽ?YI ŽI ISG lGYEGYĐ? IŽ? ZZ AYE IŽ dG ĐG?sĐSG?Au IŽ wAuŽ? GDŽYŽwsĐ EG|GuŽDwGYI ADIs|slsG? AYE A??ŽDsAIGE ?IAUGSŽuEG?? AYE SGYDšG ISG Đ?ŽDGG??G? ?S G?G ?s?U wA? ADI?Au? dG OGYG?AIGE? /Y Đ?ADIsĐG A EAYOG? ?tuu ĐG?|AEG? ISAI /^ ĐuA?? A ĐG?sĐSG?Au ?ŽUG sY lG?w? ŽI sl? sYlu?GYDšG Ž|G? E?s|G? IŽ AĐĐŽwĐus?S YAlšŽYAu EG|GuŽDwGYI OŽAu?? /Y ISG ĐA?G ŽI ^?s >AYUA? G|GY ISG ?sOYslsĐAYI /^ s? SAwĐG?GE d? sl? uswslGE IŽĐ?? ?ĐŽY ISG uŽ? G? ĐA?I ŽI A ?s|G? dA?SY ŽYU? ?AISG? ISAY A ĐŽwĐ?GSGY?s|G ??sEOG- lŽ-?GGI? ?ĐAuG?? dSG ?ĐDšG? ? GAuIsSG? ĐA?I ŽI ISG ?s|G? dA?SY s?YŽI ? suusYOIŽ ĐA?šDsĐAIG sY ISG A??G??wGYI? W?G??wAdU? ISS? s? ŽY AĐĐŽ?YI ŽI A uADU sY ĐuGA? sYDGYs|G? AYE dGYGIs??

3.1.5: Commitments needed

¹³ With technical support from UNEP and GEF

- ▶ /wƏ?Ž|G uŽDAu OŽ|G?YAYƏG IS?Ž?OS ???IGw? ŽI AĐĐŽ?YIAdsusl?? I?AY?ĐA?GYƏ? AYE ĐA?IsĐsĐAIsŽY?
- ▶ ?sUE A? A?GYG?? ŽI G?s?IsYO AYE YG? uA? ? ISAI ŽIIG? ĐŽIGYIsAu IŽ? ZZ AYE dGYGIsI?IŽ OAS? I?AĐIsŽY ? sIsS? uŽDAu EG|GuŽƏwGYI Đ?ŽƏG??G??
- ▶ Y???G A w?ulsIADGIGE AĐĐ?ŽAĐS IŽ EG|GuŽƏsYO A ?I?ŽYO uGOAu GY|s?ŽYwGYI ISAI AEE?G??G? ZZ AYE Es?GĐlu? ;A? Es?Đ?GGI uA?? AYE sYEs?GĐlu? ;? sIsS? ?GuAIGE uA? ??? ?SsuG Au?Ž ?GĐŽOYS?SYO SŽ? swĐuGwGYIAIsŽY ŽI G?s?IsYO uA? sY OGYG?Au ĐAY SA|G ?SOYsIsĐAYI |?U?G?Adsusl? ?GE?ĐIsŽY ŽI?ĐŽwG? ;G?O? Đ?G|GYIsŽY ŽI suuGOAu ?AYE wsYsYO sY ^?s >AYUA??
- ▶ ^I?GYOISGY YAIIsŽYAu AYE uŽDAu ĐŽwvswGYI IŽ Đ?ŽƏG??G? ISAI ĐŽYGDİ YAIIsŽYAu ĐuAYsYO ? sIs uŽDAu AOGYEA?? ??ĐS A? IS?Ž?OS O?GAIG? ??ĐĐŽ?I IŽ? A?E? GY|s?ŽYwGYIAu wAYAOGwGYI?
- ▶ ZG|sG? YAIIsŽYAu AYE uŽDAu ?GO?uAIsŽY? ISAI A?G ĐŽYI?AEsĐIŽ? ?Ž? ŽI? ?ĐIs|G IŽ sYIGO?AIGE ZZ AYE ?

3.2: Partnerships at the local level for CBDRR-CBA

3.2.1: Theoretical significance

/I SA? dGGY YŽIGE Au?GAE? ISAI A Đ?sIsĐAu AYE?I?uŽŽ?Y OAD G?S?? dGI? GGY ĐŽwv?YsIsG?? G?ĐGDsAuu? ISG ĐŽŽ?G?I AYE wŽ?I |?U?G?AduG?AYE ISG uA?IsG? ŽI uŽDAu OŽ|G?YwGYI AEwsYs?I?AIsŽY? dSs? s? EG?ĐsG ?I?EsG?? ?G?GA?S AYE ĐŽY?ŽusFAIGE Đ?AĐIsĐG ĐŽYIs?wSYOISAI ISG sY|Žu|GwGYI ŽI ĐŽwv?YsIsG?? AYE wŽ?G sY O?G?Au IS? AEŽĐIsŽY ŽI A ĐA?IsĐsĐAIsŽY? AĐĐ?ŽAĐS IŽ ?s?U wAYAOGwGYI? ?G?G?GYI ISG wŽ?I ĐŽŽ?GIIGĐIs|G AYE ???IASYaduG wGDSAYS?w IŽ? ?GE?ĐsYO ?s?U??/Y IADI ISG wGwdu? ŽI ISG ' uŽdAUE GI?Ž?U ŽI s|su ^ĐsGI? K ?OAYS?AIsŽY? IŽ? s?A?IG? ZGE?ĐIsŽY ĐŽY?sEG? OŽ|G?YwGYI Đ?uI??G? ŽƏGY IŽ ISG IŽ?wAIsŽY ŽI uŽDAu ĐA?YIG??SsĐ? A? ISG ?sYUuG wŽ? swĐŽ?IAYI IADI? IŽ AĐĐGuG?AIsYO swĐuGwGYIAIsŽY ŽI ?s?U ?GE?ĐsŽY ĐŽusĐsG? AI A uŽDAu G|G?E? ???? ' ?ĐIA ;???? E?G? ISG ?AwG ĐŽYĐu??sŽY?

zGI AĐ?uI??G ŽI ĐuAYsYO AYE ?GO?uAIsŽY dA?GE ŽY ĐA?YIG??SsĐ? AYE uŽsYI Ž?YIG??SsĐ dGI? GGY uŽDAu AYE ĐuA?Au OŽ|G?YwGYI? AYE ?s?UĐ?ŽYG ĐŽwv?YsIsG? s? ?Isuu IA? I?Žw ĐG?|A?S|G ;hE/^ Ž? ??? AYE hE/? Ž? ??? ^I?ŽYO ĐA?YIG??SsĐ? dA?GE ŽY ĐA?IsĐsĐAIsŽY sY EGDs?sŽY-wAUsYO ?G? ?G?ĐŽwDGIGYI AYE EGwŽĐ?AIsĐ uŽDAu OŽ|G?YwGYI?? dSs? ĐŽsYI? IŽ ISG ĐŽYĐu? ?sŽY ISAI ISG UG?E?AuUGYOG ŽI d?suEsYO ?G?susGYI ĐŽwv?YsIsG? s? Đ?swA?su? A ĐŽusĐAu ŽYG? ?AISG? ISAY A IsYAYĐsAu ŽI IGDSYsĐAu wAIG? ;' E Z ????? Y AEEsIsŽYAu dA??sG? IŽ w?uls?IAUGSŽuEG? ĐA?YIG??SsĐ s? ISG IGYEGYĐ? IŽ |sG? ??ĐS A??AYOGwGYI? A? Ž|G?u? ĐŽwĐuG?? ?YGEDG??A?? AYE d??EGY?ŽwG? /Y ISG |sG? ŽI AY sYIG?|sG? sY AYUuAEG?s? ? |G??ŽYG ? AYI? IŽ ĐŽŽ?EsYAIG? d?I YŽ ŽYG ? AYI? IŽ dG ĐŽŽ?EsYAIGE??

, GuĐsYO IŽ AEE?G?? IsS?? A UG? IsYEsYO ŽI /W , K AEsŽY? ĐuAY? s? ISAI sl s? swĐŽ?IAYI IŽ Đ?ŽwŽIG A wŽEGu dA?GE ŽY G?s?IsYO uŽDAuu? AĐĐ?ŽĐ?SAIG wGDSAYS?w? AYE Đ?AĐIsĐG? ISAI IADsusIaIG ISG G?IAdus?SwGYI ŽI ĐA?YIG??SsĐ? AYE AuusAYĐG? IŽ GY???G sYĐu??s|G ?GĐusĐAIsŽY ; /W , K ????? dSGwG ???

Highlighting its foundational importance, Step 1 of the new UNDP Climate Readiness Framework is on the subject "Partnership and coordination structures". The first activities under the Green Low Emission and Climate Resilient Development Strategies (Green LECRDS) aim to identify key stakeholders, including

ĐAĐAĐsI? AYE ĐA?IsĐsĐAIG sY ISG ??dAY ĐuswAIG ?G?susGYĐG Đ?ŽĐG??? dSG ?ulsWAIG Ž?ĐŽWG ŽI
> Đ?ŽĐG??G? s? YŽI u??I ?SA?GE ?YEG??IAYESYO d?I sYĐu?EG? AĐIsŽY? IŽ? ?G?ĐŽYESYO IŽ
ĐusWAIG ĐSAYOG ?s?U??⁸

Žww?YsIsG? w??I dG Ž?OAYS?GE AYE ĐAĐAduG ŽI EGus|G?sYO GIIGĐIs|G sYĐ?I? I Ž IAUG AE|AYIAOG
ŽI ŽĐĐŽ?I?YsIsG? ISAI wA? G?s?I A ISG uŽĐAu uG|Gu? ^ŽwGIsWG? ISG?G ĐŽYESIsŽY? ŽYu? GwG?OG
IGwĐŽ?A?su?? ??ĐS A? sY ISG AIIG?wAIS ŽI A Es?A?IG?? ?G??s?sYO luG?sdsusI?? /Y ŽISG? ?Ž?E? ISG?
w??I dG wŽdsus?GE ŽY ISG ??duGĐI ŽI |?uYG?AduSust? ?GE?ĐIsŽY? YŽ?wAuu? dA?GE ?ĐŽY
?AIGO?A?EsYO us|GusSŽZE? sY ISG IADG ŽIGY|s?ŽYwGYIAu AYE ŽISG? ?s?U??

/Y s sGIYAw ?wA?? Ž?OAYS?AIsŽY??SA|GA uA?OG Đ?G?GYĐG AI ISG uŽĐAu uG|Gu? ??ĐS A? ISG
t ŽwGY?? ?YsŽY AYE zŽ?IS ?YsŽY?/Y IAD I wA?? Ž?OAYS?AIsŽY? wAYAOG A??YE ????? SA ŽI
IŽ?G?I uAYE?

dSG ZGE ?Ž?? SA? dGGY SsOsU? sY|Žu|GE sY s sGIYAw IS?Ž?OS ??ĐĐŽ?I IŽ?wA?? Ž?OAYS?AIsŽY??
EŽIG?Ž?IS? s? ISG G?AwĐuG ŽI ISG uA?OG-ĐAUG wAYO?Ž|G ?G?Ž?AIsŽY? AĐIs|sG? sY , A?VŠŽYO
Đ?Ž|sYĐG? Žww?YsIsG? SG?G A?G SsOsU? EGDGYEGYI ŽY A??AD?u|?G IŽ?ISGs? us|GusSŽZE??d?I
?Ž?w ???OG?? SsOS IsEG? AYE I?ĐsĐAu ?Ž?w?SA|G SAE EG|A?AIsYO wĐAĐI??D AYO?Ž|G
ĐuAYIsYO dGOAY sY ???AYE SA? OŽ?Y IŽ ??ĐĐŽ?I S?YE?GE? ŽI EŽw?Ys? AuŽYO s sGIYAw??
YŽ?ISG?Y ĐŽA?IAu Đ?Ž|sYĐG? ĐA?IsĐsĐAIsŽY?? ĐŽw?YsI? AĐB?ĐAĐS ? A?IAUGY AYE ĐŽww?YG
wGwdG?? dGĐAwG SsOsU? sY|Žu|GE sY ISGĐ?ŽĐG?? AYE ?SA?YGE AdŽ?I Es?A?IG? Đ?GĐA?GEYG??
AYE wIsOAIIsŽY?

ĐŽwwŽY I?AsI AwsE?I ISG wŽ?G ??ĐĐG??I?u Ž?G?G?G?SGYĐG? ĐŽwG? sY ISG IŽ?w ŽI ?wAuu-
?ĐAuG sYsAIs|G? ISAI SA|G wAYAOG E?Ž?GwŽY?I?AIG?G? ?Ž?IS IŽ OŽ|G?YwGYI ?IAUGSŽuEG???
AYE sY Is? ? A? dGĐŽWG sYlu?GYIsAu? dSG ?ŽuG ISAI ISG wAYO?Ž|G? ĐuA?GE sY Đ?ŽIGĐIsYO ?GA
E?UG? AYE IS?? ?GE?ĐsYO wAsY|G?AYĐG Đ?Ž?I? ? YŽ G?ĐGĐIsŽY? dSG Žd?G?|AduG dGYGIsI? uGE
ISG OŽ|G?YwGYI IŽ Đ?Ž|sEG ISG AYY?A?u Đ?ŽIGĐIsŽY IGG ŽIISG wAYO?Ž|G? IŽ? , A?VŠŽYO
Đ?Ž|sYĐG ;h^ ????? ĐG? ?A? ?sYĐG ?????

' Ž|G?YwGYI ?AYĐIsŽYGE wA?? Ž?OAYS?AIsŽY? SA|G ĐuA?GE AY G??GYIsAu ?ŽuG sY ĐŽww?YsI?
wŽdsus?AIsŽY E?sYO Es?A?IG?? AYE E?sYO ISG ?GDŽ?I??ĐIsŽY AYE ?GDŽ|G?? Đ?ŽĐG??G??
, Ž?G|G? ISG? Ž?SY uAD?S?VEGDGYEGYĐG A? ISG? A?G I?YEGE d? ISG OŽ|G?YwGYI?d?ĐsĐAu?
?SAI s? IŽ?wA?? IŽ ŽĐĐ?? sY IŽ?YI?sG? s? ISG Ž?OAYS?AIsŽY AYE wŽdsus?AIsŽY ŽI |?uYG?AduG O?Ž?Đ?
AYE ĐŽww?YsIsG? IS?Ž?OS ISG ??ĐĐŽ?I ŽI E' K ?? /Y ĐA?IsĐ?uA? ĐŽY?SEG?AduG AIIGYIsŽY s? ĐAsE
IŽ ISG IŽ?wAIsŽY AYE ?I?GYOISGYsYO ŽI ĐŽww?YsI? dA?GE Ž?OAYS?AIsŽY?? dSG?G Đ?Ž|sEG ISG
dA?s?IŽ? EG|GuŽĐsYO A ?YsIGE |ŽsĐG ŽY ?ĐGĐsIsĐ s???G? AYE IS?? Đ?GAIIsYO ISG ĐŽIGYIAu IŽ?
O?GAIG? sYlu?GYĐG Ž|G? uŽĐAu EG|GuŽĐwGYI? AwŽYO?I ŽISG? dGYGIsI??&?G??GYIu? ISG ĐAĐAĐsI?
ŽI ISG IŽ?G? IsG? OŽ|G?YwGYI AOGYĐsG? s? Au?Ž ?YEG?ĐsYIGE d? G?IG?YAu ??ĐĐŽ?I IŽw E' K ?
AYE ISG EŽYŽ? ĐŽww?YsI??

/Y ISG ĐA?G ŽI ^s >AYUA? ĐŽww?YsI? dA?GE Ž?OAYS?AIsŽY? ? G?G AY G??GYIsAu Đ?G?G??s?SIG IŽ?
AY? OŽZE Đ?AĐIsĐG sY ĐA?YG?sYO AYE sYlu?GYĐsYO uŽĐAu EG|GuŽĐwGYI Đ?ŽĐG??G?? /Y ĐA?IsĐ?uA? A
K ? sIS A dAYU AĐĐŽ?YI Đ?Ž|sEGE ISG A?IsŽ?sIsG? ? sIS A ?GY?G ŽI ISG Đ?GEsdsust?AYE
ĐAĐAĐsust? ŽI ISG Ž?OAYS?AIsŽY A? A ?G?sŽ?? GYIsI??

18 ISET (2009)

Scaling up CBDRM through demonstration in Nepal

Many parts of Kathar Village were hard hit by a flood in 1993. About 100 houses were completely swept away and about 100 ha of fertile crop land were covered by sand. UNDP started to work in an affected area from 1996, as recommended by the District Development Committee and the Village Development Committee. The work included initiating CBDRM activities such as community mobilization, strengthening institutional mechanisms, micro finance/ seed grant, natural resources management/ protection, income generating activities, etc. Once the community were united and mobilized to mitigate future flood risk, the local government authority also supported them with cash support and linkages with other government and non-government institutions working at the district headquarters level. (Regional overview)

1/ s? swĐŽ?IAYI IŽ YŽIG ISAI G|GY ISG ?YsIGE |ŽsĐG ŽIIG?GE IS?Ž?OS Awždsus?GE K ĐAY AwŽ?YI IŽ AY Ž|G?? S GuwSYO A??A? ŽI s???G? AYE AOGYEA?AD?Ž?? |suuAOG? AYE ??dAY ĐŽww?YsIsG? ISAI A?G ??ĐĐŽ?GE IŽAuđG EGAul ? sIS GIGĐIs|Gu? d? ?YEG? ?GŽ?ĐGE uŽĐAu OŽ|G?YwGYI AOGYĐsG?? dSs? ĐAY dG ?Y?GAus?IsĐ? AYESGYĐG ISG ĐŽsĐAu OAD dG GGY ĐŽww?YsI? AYE uŽĐAu OŽ|G?YwGYI s? YŽI ĐuŽ?GE? ' GYG?AlsYO A ĐŽSG?GYI AYE wAY?OC?duG wG??AOG ISAI Đ?u?IŽOGISG? w?ulsĐuG ĐŽww?YsI? s???G? AIGĐIsYO ?ŽU? IŽ dG AYE us|GusSŽŽE s? YGGEGE?

1/ ISG ĐA?G ŽI AYQuAEG?S? |A?sŽ?? E' K ?? Ž?UsYO AI ĐŽww?YsI? uG|Gu SA|G ?SOYGE ?I?AIGOsĐ ĐA?YIG??SsĐ AO?GGwGYI? ? sIS D W YĐu?EGE sY ISG?G AO?GGwGYI? S? ISG?GDŽOYsIsŽY ISAI EsIIG?GYI ĐŽww?YsI?-uG|Gu ?s?U A??G??wGYI wGISZEŽuŽOsG? AYS ??GE d? EG|GuŽĐwGYI ĐA?YIG???, Ž?G|G?? ISG?G s? AO?GGwGYI ISAI ISG ?G??u? ŽI ISG?G EsIIG?GYI wGISZEŽuŽOsG? ? su dG ĐŽY|G?IGE sYIŽ ISG IŽ?wAI EG|GuŽĐGE d? D W ISG ? Žww?YsI? ZŽU ??G??wGYI??dSG ?YsIsGE ?G??u? AYE ADIsŽY ĐuAY ĐAY ??d?G??GYI? GGE sIŽ ISG OŽ|G?YwGYI ĐuAYsYO ???IGW AYE IŽ? Đ?ŽĐŽ?GE I?YESYO ŽI uŽĐAu ĐsŽ? Đ?ŽuGĐI??

^swuA?u? ISG Žww?YsI?- GYIG?G? ^??IAS?AduG G|GuŽĐwGYI WŽO?Aw ; ^ W?S?A ĐŽww?YsI?-ĐGYIG?GE :ŽsYI ' ŽI G?YwGYI ŽI ISG ŽŽU /?uAYE??Es?G? ^AwŽA AYE dŽUGuA??hE sYsIsAls|G ISAI GYAduG? ĐŽww?YsI? wGwds? IŽ Ž?OAYS?G IŽ? ĐŽuuGĐIs|G ADIsŽY? d? ĐŽŽusYO ?G?Ž??ĐG? AYE d?suEsYO ?ŽsEA?si? IŽ? AŽ? ?G?Žu|sYO ĐŽwwŽY Đ?ŽduGw? AYE ADSSG|sYO A ?SA?GE |s?sŽYIŽ? ĐŽww?YsI? AE|AYĐGwGYI?;hE/^ Z? hE W?????

1/ ??wW?? sYI GGYĐG Ž?G? uŽĐAu EG|GuŽĐwGYI EGDs?SŽY? AĐDGA?? G?DGDsAu? EGDGYEGYI ?ĐŽY I?Ž UG? A?G??G? ? suusYO?G?? ŽI uŽĐAu uGAEG?? IŽ Đ?GAIG AY ŽDGY AYE G??Au ?ĐADG IŽ? EsAuŽO?GAwŽO? w?ulsĐuG ?IAUGSŽuEG?? AYE ISG Adsus? ŽI ĐŽww?YsI? OŽ?Đ? IŽ Đ?G?GYI A ĐŽSG?GYI AYE ?IŽ?G?wG??AOG ĐAĐAduG ŽI dGsYO IAUGY ?G?sŽ??u? AYE sYIu?GYĐsYO ĐSŽsĐG? wAEG?

3.2.2: Commitments needed

- ▶ 1/|G?I sYGI IŽ?I? IŽ ĐŽ?G ISG OAD dG? GGY ĐŽww?YsIsG? AYE uŽĐAu OŽ|G?YwGYI AOGYĐsG? d? Đ?GAlsYO AYE ?I?GYOISGYsYO ŽĐĐŽ?I?YsIsG? IŽ? w?uls?IAUGSŽuEG? ĐA?YIG??SsĐ?IŽ? G?AwĐuG IS?Ž?OS ?s|G? dA?sY Ž?OAYS?AlsŽY??
- ▶ ^?ĐĐŽ?I GI IŽ?I? IŽ Ž?OAYS?G AYE wždsus?G K? AYE ISG Es?I?SĐI -? sEG ???IGw? ISAI SGuĐ IŽ GY???G ISAI ĐŽww?YsI? ĐG??ĐGĐIs|G? A?G EGus|G?GE sY A ĐŽSG?GYI ? A? IŽ? ?GAus?IsĐ ?ĐIAUG d? OŽ|G?YwGYI ?IAUGSŽuEG???
- ▶ Encourage process-based approaches to DRR-CCA to be valued as a core element.

- ▶ Y???G E' K |ŽšDG s? wA?sws?GE AI ISG YAlsŽYAu uG|Gu ISŽ?OS wGwdG??SšD ŽI YAlsŽYAu ĐuAlIŽ?w? AYE SŽuEsYO UG? ?GAI? sY EGĐs?sŽY-wAUsYO IŽ??w??
- ▶ ?sUE A ?Đs?šI ŽI ?GuI -SGUĐ AYE ĐŽŽDG?AlsŽY sY ZZ AYE ?

3.3: Human capacity at the local level for CBDRR-CBA

3.3.1: Theoretical significance

hYUG?? uŽĐAu OŽ|G?YwGYI? SA|G ISG ĐADADsIsG? AYE ?GŽŽ?ĐG? IŽI?uAuISGs? I?YĐIsŽY? ISG EGDGYI?Aus?AlsŽY ŽI ZD ?G?ĐŽY?sdsusIsG? s? ??GuG??? ; hE/^ Z?????

3.3.2: Regional evidence

Awareness

/Y ISG ĐA?G ŽI ^?s >AYUA? ISG EG|GuŽĐwGYI ŽI ISG YAlsŽYAu ĐuswAIG ĐSAYOG ??AIGO? OSOSUSOSIGE ISAI ĐuswAIG ĐSAYOG s? ĐG?ĐGs|GE AwŽYO ISG OGYG?AuĐ?dusĐA? ISG YsYIS wŽI? ?G?sŽ?? Đ?ŽduGw ISG ĐŽ?YI?? IADG? ; ^?s >AYUA uswAIG SAYOG VŽusĐ??? Is?? AEG s? ĐŽ???ĐIsŽY? IŽuž ? GE d? |A?sŽ?? EG|GuŽĐwGYI Đ?sŽ?sisG? ; ĐŽŽ? SGAuIS? sY AEG??AIG G? ĐAlsŽY GID??? dSS? SŽ?G|G? s? ?ŽwG?SAI A luA? GE ĐG??ĐGDIs|G ŽY ISG SAYE?YO ŽI ISG Đs?uĐI? uswAIG ĐSAYOG swĐADI?? |?uYG?AdsusIsG? AYE AEADIAIsŽY A?G Au?SYI?SYDGE ?? AYE A ĐA?I ŽI ISG Đ?G??sYO YAlsŽYAu Đ?sŽ?sis?AlsŽY AOGYEA ;G?O? ĐŽ???ĐIsŽY? OŽ|G?YVĐG? ?SAuIS AYE GE?ĐAlsŽY? AYE YŽI A ?GĐA?AIG ??sIG ŽI Es?IsYDI s???G?? ?A?GYG?? ŽI SŽ? ĐuswAIG ĐSAYOG AIIGDI? ISG ĐŽ?YI???? EG|GuŽĐwGYI s? ?G?sŽ??u? uADUSYO? AYE ISG?GIZ?G GIIZ?I? I? Đ?ŽwŽIG |?uYG?AdsusIsG? ?GE?ĐIsŽY IŽ sI? svĐADI? A?G uLUGU? IŽ dG wGA?u? ?

?A?GYG?? ŽI Es?A?IG? AYE ĐuswAIG ?s?u? AYE SŽ? ISG? ĐAY dG wAYAOG E ISŽ?OS uŽĐAu EG|GuŽĐwGYI Đ?ŽĐG??G?ADĐGA? EGDGYEGYI ?ĐIsŽY ?G|G?Au IADŽ???

Žww?YsI? A?A?GYG?? ??? ?Ž?YEsYO ŽI AYE s? wŽI? G|sEGI sY Es?A?IG? Đ?ŽYG A?GA??&Ž? G?AwĐUG? Žd?G? ?IsŽY ŽI G? ISG ?GA?? ?Y WAD?A E G? ' ?SYGA ŽI sYĐ?GA?sYO ?G|G?sI? AYE I?G??GYĐ? ŽI Es?A?IG? s? uG?EsYO IŽ ĐŽY?GY?? ŽI ĐuswAIG ĐSAYOG AIIGDI?SYO ISG ĐŽ?uAlsŽY?

Žww?YsI? A?A?GYG?? ŽI ?s?u? s? Au?ŽG?I?GwGu? EGDGYEGYI ŽY ISG GYOAOGwGYI ŽI E' K ?? /Y s sGIYAw?IŽ? G?AwĐUG?A? A?GYG?? ?As?sYO s? ŽIGY A uA?OG ĐŽwĐŽYGYI ŽI E' K Đ?ŽuĐI?? dSG?G sYĐu?EG sYsIs|G? ?ĐS A??

- ▶ ISG Z ?AYO?Ž|G WŽUGEI?
- ▶ ISG EG|GuŽĐwGYI ŽI A? A?GYG?? wAIG?sAu? IŽ? Y ' sAYO Đ?Ž|sYĐG IGUG|s?sŽY AYE ?AesŽ IŽ dG As?GE E??sYO ISG luŽZE ?GA?ŽY? AYE
- ▶ d? ??sYO ISG G?IGY?s|G YGI? Ž?U ŽI Đ?uI??Au AYE sYIŽ?wAlsŽY ĐGYI?G? Đ?ŽwŽIsYO ĐA?IsĐsĐAlsŽY sY w??sĐ? EAYĐG? ISGAI?G? Isuw? ?ŽĐsAu AYE ?ĐŽ?IsYO G|GYI? A? A ĐuAlIŽ?w IŽ? ZZ A? A?GYG?? ?As?sYO?

/Y ISG ĐA?G ŽI WAD?A E G? ' ?SYGA? ISG?G s? sYĐ?GA?GE EŽYŽ? I?YEsYO IŽ? AYE ISG YAlsŽYAu OŽ|G?YwGYI s? I??sYO IŽ G?IAdus?s ???IGw? A ISG Đ?Ž|sYĐsAu uG|Gu IŽ AEE?G?? s???G?? dSG A|AsuAdsusIsG? ŽI I?YEsYO s? OGYG?AlsYO sYIG?G?IIZ? Iss??

/Y ISG ĎA?G ŽI ISG D AuEs|G? sl s? ?GDŽ?IGE ISAI sY?A?I??ĎI??G ĎŽŽuGDĎI? A?G ĎG?ĎG|GE d? ISG Ď?dusĎ A? ĎŽŽuGDĎI?? sIS ?G??uI???? S G?GA? ?ŽII ĎŽŽuGDĎI?;G?O? ĎADADs? d?suEsYO AYE ĎŽusĎ? ? Ž ?U? A?G OG?G?Au? |sG? GE A? sY|Au?AduG?/Y ISG ĎA?G ŽI AYOUAEG?S? ? S G?GA? ISG EŽwsYAYI AĎĎŽĎADS s? IŽ? ??ĎS ĎŽusĎĎAu? Ď?GIG??GE ?I??ĎI??Au wGA??G? ?AISG? ISAY ??ŽII? ŽYG?? YG? G? wŽ?G GE?ĎAIGE hYsŽY wGwdG?? IGYE IŽ SA|G A d?ŽAEG? ?YEG??IAYEsYO ŽI ZZ YGGE?AYE AĎĎŽĎADSG??ISGs? A? A?GYG?? s? usUGu?IŽ dG SsOSG??dSs? EŽ?YIG?AĎI? ISG ŽIIGY ?Isuu Ď?G|AuGYI ?G?ĎŽY?G-Ž?sGYIGE wsYE?GI ŽI wAY? ŽIsĎsAu?? G?ĎGĎsAu? sY ĎA?G? ? S G?G ISG?G s? A wsusA?? dADUO?Ž?YE IŽ Es?A?IG? wAYAOGWGYI? /I s? Žd?G?|GE ISAI sY ?ŽwG ĎA?G?sl s? wŽ?G usUGu? ISAI ?Ž?YOG? hYsŽY wGwdG?? ? suu ?GGUIŽ d?suE ĎŽYGDIsŽY? ? sIS ISG AEwsYs?I?Als|Gu? -SsOSG? hĎA?suuA uG|Gu? IS?? G?Adus?SsYO AYE ?I?GYOISGYsYO sY?A-OŽ|G?YwGYIAu |G?IsĎAu ĎA?YV?SsĎ??

/I s? AĎĎA?GYI ISAI A? A?GYG?? ?As?sYO s?AwŽYO ISG wŽ?I ĎŽwwŽY I?ĎG ŽI ZZ AYE sYIG?|GYIsŽY IŽ? ĎŽww?YsIsG? AYE ?GuG|AYI OŽ|G?YwGYI AOGYĎsG??KIIGY u?IsO ISŽ?OS s? ISGs? ??YĎS?ŽYs?AlsŽY? /Y ISG ĎA?G ŽI /YEŽYG?SA? uĎAu AOGYĎsG? AYE ĎŽww?YsIsG? ?G?G ?G??s?GE IŽ sYIG?Ď?GI AYE ??YĎS?ŽYs?G s???G? d? ISGw?Gu|G??KIIG?sYO A?G?AwĎus? ŽI A wŽ?G sYIGO?AIGE AĎĎŽĎADS? sY ISG ĎA?G ŽI AYOUAEG?S? W?ĎIsĎAu ĎIsŽY?? ?U?G?A?us? IŽ ZG?susGYĎG WŽ uĎI s? ? Ž ?USYO ? sIS OŽ|G?YwGYI EGĎA?lwGYI? AYE ĎG??ŽYYG? A?YĎS A? ?Ž??sduG sY Ž?EG? IŽ usYU ĎŽww?YsIsG? ? sIS G?s?IsYO OŽ|G?YwGYI ?ĎSGw? AYE ?G?|sG?? dSs? SA? sYĎu?EGE EG|Gu?ĎsYO usYUAG? ? sIS SGAuIs ?G?|sĎG ĎŽŽ|sEG??? IŽ? G?w?ĎUG SŽ?wAu? AYE ĎusYsĎ?? ĎŽww?YsI? ĎusYsĎ?? ISG IAwSu? ĎuAYsYO EGĎA?lwGYI? AYE ĎE?ĎAlsŽY ?G?|sĎG sY?IsI?IsŽY? IS?Ž?OS YGI?Ž?UsYO ? Ž ?U?SŽĎ??;W?ĎIsĎAu ĎIsŽY ????

Attitudes, knowledge and skills

IsI?EG? ĎŽwwŽYU? AĎĎGA? ISG wŽ?I ?sOYsIsĎAYI Es|G? ŽI ĎŽŽO?G?? AwŽYO sYEs|sE?Au?? IŽ uŽ ? GE d? ?Usu?IŽ Ad?Ž?d YGDG?? ? ? ?YŽ? uGEOG? YZ AYE ĎAY YŽI luŽ??s?S ? sISŽ?I ISG ??SOSI ? AIsI?EG AwŽYO?I uĎAu uG|Gu uG?S?? ?GG dGuŽ? ?AYE ŽISG? ?IAUGSŽuEG???

Y AIsI?EG ISAI EGĎsĎI??SAI wA? dG ISGO?GAIG?I dA??sG? sY ISG ?GOSŽY s? A uADU ŽI ?G?ĎGĎI IŽ? ISG YGDG??A?? ĎA?IsĎsĎIsŽY ŽI uĎAu ĎŽww?YsIsG? sY EG|Gu?ĎwGYI EGĎs?SŽY-wAUsYO? , GYĎG ISG sYU?GYĎG AYE ĎA?IsĎsĎIsŽY ŽI uĎAu ĎGŽĎUG SA|G dGGY wsYswAu? AE SŽĎ AYE uswsIGE IŽ ?SŽ?I -IG?w sYIG?|GYIsŽY? AYE ?wAu uĎAlsŽY?? /I SA?YŽI dGDŽwG wAsY?I?GAw AYE uĎAu ŽĎsYsŽY? A?G Ž|G??SAI?GE? Gs? wA? dG ŽY AĎĎŽ?YI ŽIAY AYAu??s?ŽI ISG s???G? AYE Ď?sŽ?slsG? ? EŽY? AOGYĎsG??YAlsŽYAuAYE uĎAu OŽ|G?YwGYI? ISAI dG?I wAĎS ĎŽusĎĎAu AOGYEA??

/Y IG?w? ŽI UYŽ? uGEOG? uĎAu ĎADADs? ĎŽY?I?AsYI? A?G sY G?s?IGYĎG? dSs?s? A? GuEŽĎ?wGYIGE SsYE?AYĎG?

/Y s sGIYAw? ĎŽŽ|sYĎsAu? Es?I?sĎI AYE ĎŽww?YG Es?A?IG? wAYAOGWGYI?IAII A?GĎA?I IswG? AYE ?swsuA?u? d ? A? sEGYIsIsGE ISAI uswsIGE S?wAY ĎADADs? G?s?I? AI ISG s?A?IG? D AYAOGwGYI GYI?G; D ?IŽ swĎuGwGYI ISG EAlsŽYAu ŽD ĎŽŽO?Aw? dSG D ?G?ĎŽY?sduG IŽ?

ŽD ?SA? AY Ž|G?? S GuwsYO IA?U AYE uswsIGE S?wAY ĎADADs? IŽswĎuGwGYI sl?swsuA?u?? AI ISG ĎŽŽ|sYĎsAu uG|Gu wŽ?I ?IAI ? Ž ?UsYO ŽY ŽD A?G YŽI GE?ĎAIGE sYEs?A?IG? wAYAOGWGYI? d?I sY s??sOAlsŽY AYE E?UG wAYAOGWGYI? ? sIS ISGs? IswG Es|sEGE dGI? GGY ĎĎA?lwGYI ŽI t AIG? ZG?Ž??ĎG? AYE &uŽZE AYE ^IŽ?w ŽY?Žu? ^I??ĎI??Au ?Žu?IsŽY?Ď?G|Asu A? A ĎŽY?G??GYĎG ŽI ĎŽŽ|sYĎsAu ŽIsĎsAu?? dADUO?Ž?YE? AYE G?ĎG?sGYĎG?

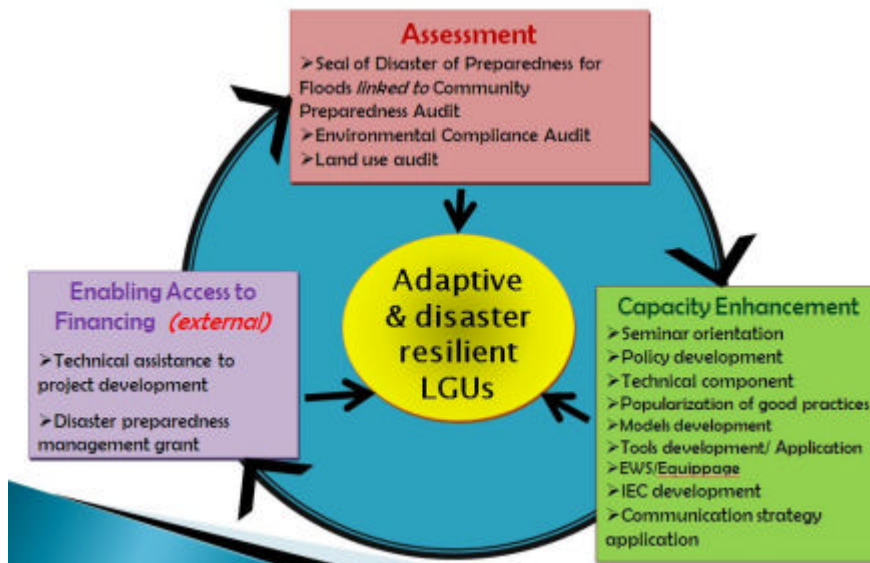
&Ž? ISG AYOUAEG?S ŽwD?GSGY?s|G s?A?IG?D AYAOGwGYI WŽO?AwwG? ISG DŽww?Ys! ?s?U
A??G??wGYI DŽDŽG?? ?SŽ?uE sEGAUu?dGuGE d? ISG hYSŽY VA?s?SAE? ; ŹDAu A?ISŽ?slsG??? DG?SAD?
? sIS E' K AE|s?Ž?? ??DŽŽ?I? I ISS? ?IAOG SŽ?G|G?? ISG ĐADADs! EŽG? YŽI ?GI G?s?IŽ? ISS? ?Ž
ISG ?ĐSGwG s? w?ĐS wŽ?G EGĐGYEGYI ŽY ISG G?s?GYĐG ŽI YŽY-OŽ|G?YwGYIAu Đ?ŽuGD! ISAI
A?G YŽIŽ?sŽ??u? EsIsĐ?ulIŽ ???IASY?;hE/^ Z ??????

Ž?YI?SG? A?G AIIGwĐIsYOIŽ IADUUG ŹDAu OŽ|G?YwGYI ĐADADs! ?SŽ?IAuu?? /Y ISG ĐA?G ŽI ISG
VšsusĐDšYG?? ISG GDA?wGYI ŽI ISG /IG?SŽ? AYE >ŽDAu ' Ž|G?YwGYI ???Y? ISG >ŽDAu
' Ž|G?YwGYI ĐAEGw? ?SsĐS ĐŽŽ|sEG? ŹDAu ĐADADs! d?suEsYO ?G?|sEG? IŽ AuuŹDAu OŽ|G?YwGYI
?Ys!?? dSG ADAEGw? ?ĐGDsAus?G? sY ĐŽŽO?AwwG EG?soYsYO? !?AsYsYO AYE ŽISG? IŽ?w? ŽI
IGDSYsDAu A?S?IAYĐG? sYDU?EsYO ZZ AYE ?/Y ISG ĐA?G ŽI s sGIAw? ISG?G A?G I? Ž
ĐŽwDŽYGYI? IŽ ISG YAlSŽYAu ZD ĐŽŽO?Aw? ISG Is?I s? IŽ ?I?GYOISGY ISG ZD ĐADADs!
IŽ? ŹDAu ŽIsDG?? AI Auu uG|Gu? AYE ISG ?GDŽYE IŽ swĐŽ|G ISG ĐADAD? IŽ? E? ?IG? ?S?U
wAYAOGwGYI AI ISG ĐŽww?Ys! uG|GuIS?Ž?OS swĐŽ|GE ĐŽww?YsĐA?ŽY AYE ?S?ĐAIsŽY? dSG
?GDŽYE ĐŽwDŽYGYI SŽDG? IŽ GYSAYĐG ISG UYŽ? uGEOG ŽI luŽZE AYE ?I? ?DŽYI?Z? AYE Es?A?IG?
wAYAOGwGYI ŽI ??? ŽI ?G?SEGYI? us|sYO sY Es?A?IG? ĐŽYIG A?GA??/Y ISG ĐA?G ŽI AYOUAEG?S?
ŽYG ??ĐDŽG??I?u A?GA IŽ? ???IASYGE ZZ s? ISG GYOAOGWGYI ŽI ISG EAlS?Au /Y? ?IG >ŽDAu
' Ž|G?YwGYI ;E/>' ?? dSG E />' SA? AY G?s?IsYO ?G?ĐŽY?sdsus? IŽ !?AsY GuG?GE ŹDAu OŽ|G?YwGYI
ŽIsDsAu?? AYE D W// SA? SGUĐGE IŽ sYĐŽ?ĐŽ?AIG ZZ sY IŽ ISG !?AsYsYO I???sĐ?u?w AYE SA?
Au?Ž ĐŽŽ|sEGE d?AsYsYO ŽI d?AsYG?? ;džd? IŽ E/>' !?AsYG??? d? ? s? AY A|GY?G IŽ? ZZ IŽ dGDŽwG
ĐA?I ŽI ?Ž?IsYG ĐADADs!-d?suEsYO AI ??d-YAlSŽYAu uG|Gu?

I IŽ?I? IŽ d?suE ĐADADs! AI ISG ŹDAu uG|Gu d? G?AYEsYO UYŽ? uGEOG ŽY Es?A?IG?? AYE ĐuswAIG
ĐSAyOG A?G IADGE ? sIS Y?wG?Ž?? ĐSAuuGYOG? A??Z?NGE ? sIS ĐAUG? , Ž? G|G? ISS? s? YŽI A
?IAIsĐ ?s!AIsŽY ? S G?G UYŽ? uGEOG A?G ŽIsDsAu? ĐAYUUA?Y AYE AĐDU?A ?GI ŽI Đ?G-EGIG?wsYGE
AĐIsŽY?? dSG ?s?U ĐŽYIG?I s? Au? A??E?YAsĐ AYE ĐŽwDUG?? &Ž? G?AwĐUG?sY ^?s >AYUA ISG
ĐS??sĐAU G?ĐAY?sŽY ŽI |suuAOG? AYE IŽ?Y?? SA? uADGE YG? EGwAYE? ?ĐŽY ISG ŹDAu
A?ISŽ?slsG?? /Y ISG ĐA?G ŽI D AIA?? sY ISG ????? ISG Đs! ? A? A |suuAOG?^Ž ISG ŹDAu Đ?ŽDŽG??G? ŽI
AEwsYs?I?AIsŽY SA|G ??IIG? ?I?Žw AY sYAsus? IŽ UGGĐ ĐADG ? sIS ĐSAyOsYO ?ŽĐs?-GDŽYŽwSĐ
AYE GY|s?ŽYwGYIAu Đs?Đ?IAYĐG??/Y swG ĐŽ? G? ? A? EG|Žu|GE IŽ ISG ŹDAu uG|Gu? AYE sY ISG
uAIG ?????? A?ISŽ?sls? ? A? G?ĐAYEGE sY D AIA? IŽ GYĐŽwĐA?? ISG G?ĐAYEsYO ĐŽĐ?uAIsŽY AYE
ĐS??sĐAU ?ADG?zGI ISG sYD?GA?E ĐSAuuGYOG? ŽIDŽuu?IsŽY? GY|s?ŽYwGYIAu EGO?AEAlSŽY?
I ŹEsYG? ĐAYE?us?G? AYE ŽDŽG?? A?G ?Isuu G|sEGYI?

YŽISG? ĐSAuuGYOG? ?GuAIG? IŽ ISG EGDIs AYE ?ĐAUG ŽI ĐADADs! d?suEsYO ĐŽŽ|sEGE? /Y dswŽ?
>G?IG AYE EGĐAU I?AsYsYOŽY Es?A?IG? ?s?U wAYAOGwGYI SA? dGGY wAsYu? ??ĐDU? AYE EŽYŽ?
E?s|GY? /I s? ĐŽwwŽY ISGY ISAI ŽYu? AIG? ŽIsDsAu?ĐŽŽ?G?? ISG uAYO?AOG ?Usu?YGDG??A?? IŽ
AIIGYE? sY ?S sĐS ĐA?G I?AsYsYO s? EŽwsYAIGE d?EG|GuŽĐwGYI ĐA?YIG??? EEsIsŽYAu? s? s?
?GDŽŽ?IGE ISAI I SG?G s??YUuGU?IŽ dG A uGA?YsYO ĐuAY IŽ !?ADU? wŽYsIŽ? AYE wAYAOG ??ĐS
ŽĐDŽ?I?YslsG? AOAsY?I A Đ?SŽ??GI ŽI uGA?YsYO IA?OGI?AĐDusGE IŽ sYEs|sE?Au?? ? Ž?U? dGIG?
Đ?ADIsDG s? ??OOG?IGE d?hE W?SŽ EŽYE?ĐI ĐADADs! AYE !?AsYsYO YGGE? A??G??wGYI? Đ?SŽ?
IŽ EGus|G??? /wDŽ?IAYIu? ISG?G A?G sYEsĐAIsŽY? ISAI ISS? Đ?ADIsDG SA? dGGY AEŽĐIGE AYE
???IASYGE d? ISG OŽ|G?YwGYI? sY dŽIS ĐŽ?YI?SG??;ZGosŽYAu ?G|sG? ?

ĐDŽŽADS EGĐuŽ?GE sY ISG VšsusĐDšYG? IŽ d?suE AFAĐIs|G ĐADADs! AYE ?G?susGYĐG ŽI ŹDAu
OŽ|G?YwGYI ?Ys!??



Source: Department of the Interior and Local Government, Government of the Philippines

dSGĐSAuuGYOG?SsOSusOSIGE Adž|G ĐžsYI Iž ISG YGDG??sI? AwžYQ užĐAu Đž|G?wGYI Đ?žĐG??G? AYE sYEs|sE?Au? Iž? A ĐžwdsYAlsžY žI ??sOSI? AllsI?EG?? ?ž?Y?JYž? u?EOG? d? Au?ž ??G?u ?Usuu?? |GY dA?sD ?Usuu? žI Đžww?YsĐAlsžY ĐuA?GE A ?soYsI?ĐAYI?G sY ISG Y?usI? žI Es?I?sDI? AYE ĐsI?G? GYOAosYO žY ZZ AYE ? /Y ĐA?IsĐ?uA? ISG AdusI? žI A ĐuAB?Iž GYsDG Đ?s|AIG sY|G?Iž?? AYE G?IG?YAU I?YEsYO AYE ?G?ž?žĐG? ? A? sY uA??ĐA? EGIG?wsYsYO d? ISG AdusI? žI ISG užĐAu uGAEG??SsD Iž GYOAOG ? sIS |A?sž?? ?IAUGSžueG? žI?SEG žI ISG swwGEsAIG užĐAuG?

Regional view on critical knowledge, skills and attitudes

- Strong belief and continuous practice of work through and with partners for mainstreaming DRR in all development works rather than work in isolation
- Continuous learning and improving attitude rather than defensive and arrogant attitudes
- Understanding DRR and adaption issues and their impacts on development in general and in each sector
- Strong belief and practice of respect to the existing local knowledge and capacities to be empowered as the main driving force of CBDRM and CBA
- Understanding and skills for implementation of inclusive, holistic and comprehensive CBDRM and CBA rather than sectoral and narrow approaches.
- Leadership and coordination skills
- Strong negotiation, advocacy and convincing-others capabilities

Leadership

?Y?žYO? uGAEG??SsD s? žIIG? wGYIsžYGE A? A?ž? G|GY ISG? Đ?sI?ĐAu IADIž?Iž? užĐAu? GIGDIs|G ZZ AYE ? >GAEG??SsD s? YGDG??A?? Iž Đ?uu IžOGISG? |A?sž?? ?I?AYE? AYE ?YsI? ĐGžĐuG Iž G?GĐ?IG A ?SA?GE OžAu? /Y ISG ĐA?G žI ^s >AYUA? žY? ? S G?G ISG?G ? A? A ĐAĐAduG wA?ž? ? A? dG?IĐ?ADIsDG G?AwĐuG suu??I?AIGE? d?I ISs? ?žžY G|ADž?AIGE žYĐG ISG sYEs|sE?Au?? IGY??G ? A? ĐžwĐuGIG?

&ž? G|GY A ?SžI -us|GE ĐG?sžE ? S G?G ISG užĐAu uGAEG??SsD wAUG? SGAE? A? ?GE?ĐsYO ?s?U? ISs? ?I?E? ??OOG?I? ISAI ??ĐS uGAEG??SsD s? ??žYO? ? S GY sl SA? ??AusI sG? ??ĐS A?? S?wsusI? ;Iž AĐĐGĐI ISG ?ĐAuG žI ISG Đ?žduGw AYE ISG YGGE Iž GYOAOG žISG?? sY EGIG?wsYsYO A Đ?žĐG?? žI AĐIs|sI?G?? ?Đ?GAls|sI? AYE luG?sdsusI? ;GGUsYO žDDž?I?YsIsG? A? ISG? A?s?G?? Đžww?YsĐAlsžY AYE Đžž?EsYAlsžY ?Usuu? ? /Y G??GYĐG GIGDIs|G užĐAu ZZ AYE EGĐGYE? ?ĐžY ?Đ?žĐG?? AYE ĐG??žY? ; ?GGY Dž|GwGYI? ^s >AYUA??

d? Ž G?AwĐuG? ŽI uŽĐAu uGAEG??SsĐ ĐAIAU??SYO ?S?U ?GE?ĐIsŽY A?G IŽ?YE sY &sus AYE :ADAY?
 / &&I SG WŽ|sYĐsAu EwsYs?I?AIsŽY ŽI ^G??A AYE EAwŽ?s Đ?Ž|sYĐG? ? G?G SsOSu? ĐŽwmslIGE
 IŽ ISG Es?A?IG? ?S?U ?GE?ĐIsŽY sYsIsAIs|G? ?SŽ? ĐA?sYO ISG swĐŽ?IAYĐG ŽI uŽĐAu OŽ|G?YwGYI IŽ
 ISG uŽĐAu? dA?GE ? Ž?U ŽI EG|GuŽĐwGYI AOGYĐsG?? dSG WŽ|sYĐsAu EwsYs?I?AIsŽY ? A?
 sY?I??wGYIAu sY ĐŽŽ?EsYAlsYO? SŽ?IsYO? IADsusIAlsYO AYE ĐA?IsĐsĐAlsYO sY ?I AUGSŽuEG? wGGIsYO??
 ? Ž?U?SŽĐ? AYE I?AsYsYO?? / Au?Ž sYĐŽ?ĐŽ?AIGE Es?A?IG? ?S?U ?GE?ĐIsŽY AYE EG|GuŽĐwGYI
 Đ?sŽ?sIsG? sEGYIsIsGE d? ĐŽwv?YsIsG? sYIŽ ISG WŽ|sYĐsAu G|GuŽĐwGYI WWAY? AYE sYIŽ
 Đ?ŽĐŽ?Au? IŽ YAlsŽYAu ĐŽ?YIG?ĐA?I D sYs?I?Sg?? dS?Ž?OS ISGs? ĐŽwmslwGYI? ISG? UGDl ISG
 wŽwGYI?w ŽI ISG Đ?ŽuGDl Aus|G;hE/^ Z ??????/N :ADAY? I SG wŽ?YIASY AYE IŽ?Y ? AIĐSSYO
 Đ?ŽO?AwwG ? A? EŽYĐGs|GE AYE swĐuGwGYIGE d? ISG uŽĐAu OŽ|G?YwGYI ŽI ^AsuŽ sl ?? / s?
 ĐŽY?SEG?GE AY G?ĐGuGYI G?AwĐuG ŽI A uŽĐAu OŽ|G?YwGYI uGAESYO A w ?Us?I AUGSŽuEG? AYE
 ĐŽwv?YsI?dA?GE Es?A?IG? ?S?U A? A?GYG?? sYsIsAIs|G ISAI ĐAY ISGY d?ĐŽwG ?uI -???IAsYsYO?
 ;hE/^ Z ??????

3.3.2: Commitments needed

- ▶ ^?YDS?ŽYs?G A? A?GYG?? ?As?SYO Đ?ŽO?AwwG? AwŽYO?I ĐŽwv?YsIsG? AYE uŽĐAu OŽ|G?YwGYI?GY??sYO ISG dGYGIsI? ŽI ?ŽI ADĐ?ŽADSG? IŽ |?uYG?AdsusI? ?GE?ĐIsŽY A?G dGIlG? ?G?ĐGDIGE?
- ▶ WŽwŽIG ISG ?YEG?IAUsYO ŽI ĐADADsI?YGGE? ?G?G??wGYI?IŽ? AY?Au uGA?YsYO ĐuAY? AYE ISGY sYIGO?AIG I?AsYsYO ŽY ?Ž? - ? sYsY G?IAUs?SGE I?AsYsYO Đ?ŽĐG??G? ?S G?G|G? ĐŽ?SduG ?Ž A? IŽ wA?sws?G ?G?G|AYĐG? ?GE?ĐG ĐŽ?I AYE swĐŽ?|G ???IAsYAdsusI??
- ▶ Y???G ISAI ISG dGYGIsI? ŽI IAsYsYO A?G Ž?IB?NG Ž?sGYIGE? ?AISG? ISAY ??AYIsIAIs|G sY YAI??G ;G?O? y Y?wdG? ŽI ĐGŽ?S I?AsYGE??
- ▶ WŽ|sEG G?IGY?s|G ĐADAD? d?susI?YO IŽ? uŽĐAu OŽ|G?YwGYI ŽIsĐsAu? ŽY ZZ AYE IS?Ž?OS ???IAsYAduG ADĐ?ŽADSG? ???ĐG A? d?AsYsYO ŽI d?AsYG???

3.4: Technical capacity at the local level for CDBRR-CBA

3.4.1: Theoretical significance

s?A?IG? AYE Đus?AIG ?s?U? A?G wAYsIG?IAlsŽY? ŽI |?uYG?AdsusIsG?? ?S sĐS wA? dG ISG ĐŽY?G??GYĐG? ŽI IA? ?GwŽ|GE sYlu?GYĐG? d?I YG|G?ISGuG?? A?G ?GluGDIGE sY SsOSu? uŽĐAus?GE AYE ?ĐGDsIsĐ ĐŽYIG? ? dSG?GIŽ?G ISG dG?I? AYE ĐŽ??sdu? ISG ŽYU?? ?IA?IsYO ĐŽYI IŽ? EGus|G?sYO ZZ AYE dGYGIsI? sY AY ?YEG??IAYEsYO ŽI uŽĐAu ĐŽYEsIsŽY?? uGA?u? ISŽ?OS ISS? uŽĐAu UYŽ? uGEOG AYE ISG YGGE? ISAI A?s?G SA? IŽ dG duGYEGE ? sIs A EŽ?YI???? EGDs?sŽY-wAUsYO Đ?ŽĐG??G? ISAI A?G EG?s|GE IŽw ĐGYI?Au ĐŽusĐ? IAUsYO ?ŽĐU ŽI A I?uUG? A??A? ŽI s???G?? ĐĐŽwĐus?SsYO ISs?? AYE ISG?Gd? O?GAIu? GYSAYĐsYO ISG ZZ AYE ???IGw? s? A ??d?IAYIsAu IGĐSYsĐAu ??G?IsŽY?

dSs? ?GDIsŽY ŽY IGĐSYsĐAu ĐADADsI? SsYOG? ?ĐŽY A ĐŽY?sEG?AlsŽY ŽI ISG OGYG?AlsŽY ŽI sYIŽ?wAlsŽY AYE SŽ? ISS? s?Es??GwsYAIGE AYE ADĐG??GE IŽ? sYIŽ?wGE EGDs?sŽY-wAUsYO AI ISG uŽĐAu AYE ĐŽwv?YsI? uG|Gu? dSs? A?GA s?EGGwGE A?ŽYG ŽI ISG wŽ?I swĐŽ?IAYI Đ?sŽ?sIsG? IŽ? ADIsŽY AI dŽIs ISG uŽĐAu AYE YAlsŽYAu uG|Gu?? d?I Au?Ž ŽYG sY ?S sĐS sYIGYI?ŽwGIsWg? G?Đ?G??GE IS?Ž?OS A ĐŽ?YI???? ĐŽusĐ? AYE ĐuAYsYOs? ?A?Gu? wAIĐSGE d? ISG ?G??s?GE G?ĐG?Is?G IŽ swĐuGwGYI ;' E Z ??????

3.4.2: Regional evidence

d?AEsksZYAu UYŽ? uGEOG

? ? A? EG?D?sdGE A? dGsyO ISG ĐA?G sY MEŽYG?SA? uŽDAu |Au?G?? UYŽ? uGEOG AYE dGusGI?ISAI A?G Es?GDIu? ?GuAIGE IŽ ISG GY|s?ŽYwGYI AYE ĐGŽDUg?? us|GusSŽE? |G?? ŽIIGY EGIsYG ISGs? ?G?susGYĐG IŽ Es?A?IG?? &?Žw ISS? ĐG??ĐGDIs|G AuŽYG? IADĐsYO sYŽ uŽDAu ĐŽww?YsI? ĐG??ĐGDIs|G? AYE G?ĐG?sGYĐG? s? ĐuGA?u? swĐŽ?IAY?

KIIG?sYO AY G?AwĐuG? sY ISG ĐA?G ŽI ISG D AuEs|G?? sY ISG AIIG?wAIS ŽI ISG I??YAWs hE W ĐŽYE?ĐIGE ĐŽww?YsI? dA?GE Đ?GDA?GEYG?? ADIs|sG? sY ?GuGDIGE ĐŽww?YsIsG?? dSG?G Đ?ŽO?AwWG? sYĐŽ?ĐŽ?AIGE G?s?IsYO wGISŽE? ??GE d? ISG ĐŽww?YsIsG? IŽ ? AIDS IŽ? ĐuswAlsĐ SA?A?E? AYE wsYsWs?G ?S?U?? IŽ? G?AwĐuG? ISG ??GŽI ISG D AuEs|G??I?AEsksZYAu ?EAUAs? IŽ?GDA?IsYO ĐAuGYEA?? ^ŽwG ĐŽww?YsI? ĐuAY? ? G?G EG|GuŽĐGE dA?GE ŽY ISG ADIs|sG? AYE AEŽDIGE d? ISG uŽDAu OŽ|G?YwGYI A?ISŽ?slsG??

/Y ISG ĐA?G ŽI S?IAY? ?S suG uŽDAu EG|GuŽĐwGYIĐ?ŽDG??G? EŽ YŽI ???IGwAlsĐAu? sY ĐŽ?ĐŽ?AIG I?AEsksZYAu G?ĐG?sGYĐG?? ISG?G A?G G?AwĐuG? ?S G?G ISG dGYGIsI? ŽI EŽsYO ?Ž?A?G ?GDŽOYs?GE AYE GYĐŽ??AOG? &Ž? G?AwĐuG? uGA?YsYO I?Žw ws?IAUG? sY ISG S??I? sYO AY AuŽISAYO IŽ?Y ĐuAYsYO? ISG IŽ?Y EG|GuŽĐwGYI sY ?wISAYO IŽuuŽ?? AI?AEsksZYAu EG?sOY uA?Ž?I? dSs? SA? sYĐ?GA?GE IŽ??s?w ĐŽIGYIsAu? t sIs ?G?ĐGD IŽ Es?A?IG? AYE ĐuswAls? ?S?U?? A YGĐEŽIAu Žd?G?|AlsŽY AYE ĐA?I G?ĐG?sGYĐG I?ŽwEs?A?IG? G|GYI?SA? ?S?SdsIGE ISAI I?AEsksZYAu ĐŽY?I??ĐIsŽY Đ?ADIsĐG? SA|GĐ?Ž|GY IŽ dG ?G?susGYI? G? OŽ|G?YwGYI ISG?GIŽ?G GYĐŽ??AOG? ??ĐS Đ?ADIsĐG??G?ĐGDsAu? sY ISG ?GYŽ|AlsŽY AYE ĐŽY?I??IsŽY Ž wŽ?I Đ?uI??Au SG?sIAOG A??GI??

/Y ISG ĐA?G ŽI DŽYOŽus? ISG sYsIsAls? ŽI Đ?ŽwŽIsYO AYE ?G?IŽ?sYO I?AEsksZYAu DŽYOŽusAY YŽwAEsĐ UYŽ? uGEOG AYE Đ?uI??G IŽ ĐŽE? ? sIs ĐuswAIG |A?sAlsŽY? A?G GYĐŽ??AOG? AYE A d s ?G?SG? SA? dGGY d?ŽAEDA?I YAlsŽY Au? ?S?SdsIGE Es?I?sd?IGE IŽ uŽDAu A?ISŽ?slsG??

dSG IŽuuŽ? sYO IAdUG Đ?G?G? uŽDAu UYŽ? uGEOG ĐADI??GE IŽ? ISs? ?I?E? sY MEŽYG?SA?

>ŽDAu Đ?ADIsĐG? sY MEŽYG?SA?

No.	Location	Local Practices
1.	Yogyakarta	<ul style="list-style-type: none"> a. Developing new strategies and challenging old system in predicting season, the <i>pranata mangsa</i>, and looking for new signs from nature b. Planting mangroves as a way to prevent abrasion and develop coastal prawn fisheries and fisheries c. Developing and restoring local varieties that were more tolerant to the present changing climate conditions d. Water harvesting in Gunung Kidul District as a response to the prolonged drought; communities built many water tanks to keep water e. Disaster Saving; an initiative by communities in Glagaharjo Village, Cangkringan, Sleman, in which each household saved Rp. 5000 every month to prepare for emergency situation while waiting for support from the government
2.	Central Java	<ul style="list-style-type: none"> a. Mangrove planting to prevent abrasion and for fish breeding purposes b. Development of local traditions (ban on fishing during certain seasons to allow fish to breed for sustainability)

3.	West Papua (Manokwari)	<ul style="list-style-type: none"> a. Arrangement of land use according to customary laws b. Development of alternative livelihoods by women groups in coastal areas in relation to reduced income due to uncertain weather events that hampered fishing
4.	East Nusa Tenggara (Kupang, TTS, TTU, Ende, Sikka)	<ul style="list-style-type: none"> a. Self-help initiatives in building bamboo barriers to reduce abrasion in Ende b. Communities in TTS District, who lived in mountainous areas, planted local corn varieties that were more resilient to the local climate, but this had been hindered by a government project that provided assistance in the form of hybrid corn varieties that were not suitable for local climate c. Certain villages in TTS District had a commitment to plant 25 trees every year and this had taken place in the past three years. To prevent crop failure, farmers changed the rice varieties they planted with two local varieties that were suitable for rain-fed field and conducted diversification of local staple food. d. In TTU District a Saving and Loan Cooperatives was established to enhance the local economy and to provide a mechanism for saving to face potential crop failure e. Local wisdoms of communities in Kupang in reading signs from the nature such as phenomena from clouds, stars, the moon and old trees living in their neighborhood f. Villagers in Tolnaku Village in Kupang District used the signs obtained from observing thunders to start their planting season. They also used gamal leaves as organic fertilizers and pesticide. For pest control they used Tufe, the name of a plant variety. g. Villagers in Oelatimo, Tolnaku and Belbiteno Villages farmed in rainfed fields by planting many crop varieties to anticipate crop failure. As an alternative, people also planted commercial crops and raised livestock. h. In Kupang Village regulations had been enacted to protect the forests, prevent floods, and separate areas used for raising livestock and farming i. Also in Kupang several community fire fighter groups had been established
5.	Central Kalimantan	<ul style="list-style-type: none"> a. Local wisdoms that are related to the conservation of natural resources b. <i>Sehat Bakar</i> (a slash-and-burn land clearing technique that was sanctioned by local customary laws) c. Establishment of local fire fighter groups
6.	West Sumatra (Mentawai)	<ul style="list-style-type: none"> a. Construction of houses 'uma' that were resilient to earthquake shocks b. Self-help and voluntary relocation of people's houses from several sub-villages in North Sipora, South Sipora as well as Sikakap and North Pagai Sub-districts after the earthquake and tsunamis in the past several years c. Understanding the 'Anggau' season that was considered as dangerous for going to sea (prohibited to travel more than 300 m from the beach due to potential windstorms)
7.	North Sulawesi (North Sangihe)	<ul style="list-style-type: none"> a. Communities in Sangir used a traditional seasonal calendar that was based on the circulation of the moon, because big waves only appeared in certain seasons b. Building concrete wave barriers c. Prohibiting the exploration of stones and sands from the coastal areas to reduce abrasion d. Conducting traditional ceremony, <i>Tulude</i>, to show gratitude to nature and as a reflection of life during the past year

8	Lampung	a. Community members in villages in the coastal areas of Pesawaran District that had experienced the negative impacts of mangrove forest destruction started to make conservation efforts by replanting mangrove and developing mangrove seeds nursery. Their activities had been supported by the local Forestry Office and the private sector.
9	Central Java (Sayung)	<p>a. Community members used traditional seasonal calendar, <i>pranata mangsa</i>, and observed changes in cloud patterns and the sun to predict strong winds and high sea waves, estimate the level of sea inundation, determine transportation and fishing strategies.</p> <p>b. Villagers drafted local regulations that prohibit the exploitation of mangroves and provide protection to sea walls that prevent abrasion</p> <p>c. Village people raised the height of their houses with local sands obtained from the beach to adapt to the level of sea water inundation that tended to increase over time</p>
10	Bali (Pengastulan)	<p>a. Local villagers in Bali used <i>Pangabean</i> ceremony toward their villages off natural hazards. During the ceremony people were prohibited from all activities, particularly going to the sea. This might be related to weather condition that was not friendly at around the time of the ceremony.</p> <p>b. Protecting resources that fulfill people's basic needs such as water resources, rice fields, and coastal areas with protective and conservatory activities</p> <p>c. People in Bali employed <i>basma</i> technique to interpret the climate that was still in use. A mistake in the efforts to read natural phenomena might create a dangerous situation while on sea.</p> <p>d. Development of mechanisms for saving and revolving funds by setting aside a small part of daily income to prepare for a crisis situation caused by bad weather</p>

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UYŽ? uGEOG SA|G dGGY duGYEGE? ĐŽYDg?Y s? ISAI ISG?G SA|G Auu d?GY wAY?IĐI??GE IS?Ž?OS
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D AYAOgwGYI KI?Dg ŽI D GYIA? As s?I?sĐI EsE YŽI UYŽ? SŽ? IŽ ADDG?? IGDSYsĐAu A??s?IAYDg IŽ
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ĐA?I ŽI uŽDAu AOsĐsG?? ?S s.G AI ISG ?AwG IswG ISG ĐGYI?Au OŽ|G?YwGYI EsE Y ŽI Đ?Ž|SEG
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dSs? ŽIIG?GE wsĐŽ? uG|Gu EGIAsuĐu?? swĐŽ?IAYI uŽDAu ĐŽwwslwGYI IŽ ISG Ž?IĐŽwG? ŽI AY?
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ĐIsŽY? SA? YŽI ?GI wAYAOG E IŽ IŽ?OG ISG Đ?GAIsŽY ŽI A ???IAsYGE Đ?ŽDg?? ŽI ?swsuA?
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¹⁹ <http://www.nhrl.unsw.edu.au/downloads/UNSW%20DRR%20and%20CCA%20in%20the%20Pacific.pdf>

uGA?I ISG ĐŽĐG?? ?G??s?G? A EG|GuŽĐwGYI ĐA?YIG? ? sIS ISG YGDG??A?? IGĐSYsĐAu?u?u?GI IŽ wŽdsu?G A ĐŽww?YsI? A?Ž?YE ISG sYsIsAIs|G?

/Y ISG ĐA?G ŽI s sGIYAw? ?s?U wAD? IŽ? UG? SA?A?E? SA|G dGGY EG|GuŽĐGE AI ISG YAlSŽYAu uG|Gu? SŽ?G|G? YŽ EGIAsuGE wAD? AI ISG Es?I?sĐI Ž? ĐŽww?YG uG|Gu G?s?I? /Y ŽYU? ŽŽwG ?ĐGDsĐ ĐA?G? SA|G SA?A?E wAD?dGGY EG|GuŽĐGE d? ISG ĐŽww?YG? ? sIS ĐGŽĐuG?? ĐA?IsĐsĐAlSŽY? ?I AOAsY? usUG sY ^?s >AYUA? Is? ? A? ?GusAYI ?ĐŽY EG|GuŽĐwGYI ĐA?YIG?? ??ĐS A? E' K ? AYE ISG ZGE ?Ž??? t SG?G Is? ĐŽww?YsI? ?s?U A??G??wGYI SA? ŽĐĐ??GE?ISG ?Isus?AlSŽY ŽI ISG wAD? s? YŽI ĐŽY?s?IGYI AYE I SG?G s? A uADU ŽI A ĐGY?Au EAlAdA?G IŽ?IŽ?G EAlA? dSG ?G??ul s? ISAI Ž?ID?I? ŽI ?SAI wA? SA|G dGGY |Au?AduG ĐŽĐG??G? ŽI sYIG?ADIsŽY AYE Es?ĐŽ|G?? GYE ?Đ?IŽ?GE sY EsIIG?GYI ĐuAEG? ? sIS EsIIG?GYI wsYs?I?sG??AOGYĐSG? AYE E' K ??dSs? s?A ĐŽwwŽY ŽĐĐ? ??GYĐG sY ISG ?GOSŽY?Zs?U A??G??wGYI? A?G I?GAIGE A? Es?IsYĐI ADIs|sIsG? d? ISGs? swĐuGwGYIsYO AOGYĐ?? ?AlSG? ISAY ?G-ŽĐĐ??sYO ĐŽĐG??G?? dSG? A?G ISG?GŽ?G ?SGU GE d? ISG swĐuGwGYIsYO AOGYĐ? ?ĐŽY ĐŽwĐuGIsŽY? ;ZGOSŽYAu Ž|G?|sG? ?

&š/Au?? sY /?AY? ISG' Ž|G?YwGYI-hE WWŽO?AwwG IŽ? ZD GYAduGE ' ŽuG?AY AYE <G?wAY ĐŽ?|sYĐG? IŽ ?IA?I ? Ž?UsYO ? sIS YAlSŽYAuIGĐSYsĐAu ?G?Ž??ĐG sY IsI?IG? ??ĐS A? ISG ?sLESYO AYE , Ž??sYO ZG?GA?ĐS GY?G? dSs? sYIG?ADIsŽY ??ĐĐŽ?IGE ISG uŽĐAu EG|GuŽĐwGYI ADIŽ?? sY ĐŽYE?ĐIsYO ?s?U A??G??wGYI?AwŽYO ŽISG? ADIs|sIsG??ZGOS YAu ?G|s? ? ? EŽusĐ? ĐŽYIG?I ISAI GYĐŽ??AOG? swĐŽ|GE sYIG?ADIsŽY? dGI? GGY YAlSŽYAu AYE uŽĐAu uG|Gu? ŽY ISG ??duGĐI ŽI ?s?U A??G??wGYI ?Ž?uE dG A ?Ž?YE dA?s? IŽ SGU? GYĐŽ??AOG ISG GĐAY?sŽY ŽI Is? I?ĐG ŽI A??AYOGwGYI?

d?GAUIS?Ž?OS sY ?ĐAusYO ?Đ ĐŽww?YsI? ?s?U A??G??wGYI ISAI SA? ISG ĐŽIGYIsAu IŽ ?YuŽĐU wŽ?G ŽI ISG ĐŽIGYIsAu dGYGIsI? A|AsuAuG IS?Ž?OS IsS ADIs|sI?s? dGsYO AlIGwĐIGE sY AYOUAEG?s?? D W, G?GISG ?s?U A??G??wGYI wGISŽEŽuŽO? s? dGsYO ?IAYEA?Es?GE?dSs? SA? GYAduGE ?GĐA?AIG ĐŽww?YsI? ?s?U A??G??wGYI IŽ dG ?GAESu? ĐŽwĐA?GE Ž? ĐŽY?ŽusEAlGE? AYE SA? IADsusIAlGE ?GĐusĐAlSŽY AD?Ž? ISG ĐŽYI?? ? ;hE/^ Z ??????

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^suŽ AĐĐ?ŽADSG? dA?GE ŽY ?GĐIŽ?? Es?ĐsĐusYG AYE ĐŽ? G? E?YAwSĐ? A?G A wAuŽ? SsYE?AYĐG IŽ ISG ?SA?sYO ŽI UYŽ? uGEOG AYE sYIŽ?wAlSŽY ŽY Es?A?IG?? AYE ĐusvAlG ĐSAYOG? |GY ISŽ?G ?G?ĐŽY?sduG IŽ? ZZ AYE ?A?Gu? ĐŽĐG?AIG ŽY A w GAYSYOI?u dA?s? ;GG dGuŽ? ?? /Y ISG ĐA?G ŽI ISG wIsusĐĐsYG?? ISG D AYsuA Kd?G?|AIŽ?? ??OOG?I? ISAI ŽYG ŽI ISG dsOOG?I ĐSAuUGYOG? IŽ? ?s?U ?GE?ĐIsŽY s? sY ISG ?SA?sYO ŽI sYIŽ?wAlSŽY dGI? GGY uŽĐAu OŽ|G?YwGYI AOGYĐsG?? >ADU ŽI ĐŽSG?sŽY s? AwAuŽ? Žd?IADuG?

- ▶ G|GužďwGYI ĎA?YIG?? ISAI Ď?Ž|sEG IGDSysĎAu ??ĎĎŽ?I ?SŽ?uE GY???G ISAI Ď?ŽuGDI? AYE Ď?ŽO?AwWG? Au?Ž ĎŽwĎ?s?G GIŽ?I? IŽ ???IASY Ď?ŽĎG??G? ŽI sYIŽ?wAlsŽY ?SA?SYO AwŽYO AYE dGI? GGY užĎAu AYE YAlsŽYAu ?IAUGSŽuEG?? IŽ ISG O?GAIG?I G?IGYI ĎŽ??sduG?
- ▶ d?AEsIsŽYAu UYŽ? uGEOG w??I dG |Au?GE AYE ISGY GYSAYĎGE A?YGDG??A?? IŽ IAUG AĎĎŽ?YI ŽI ISG ? sEG? ĎŽYIG?I?
- ▶ EADIs|G ĎADADsI? w??I dG ??ĎĎŽ?IGE ?Ž A? IŽ GYAduG ĎŽww?YsIsG? AYE sY?IsI?IsŽY? IŽ ?G?ĎŽYE IŽ GwG?OsYO ?s?U??
- ▶ VA?IsĎsĎAIŽ?? ?s?U A??G??wGYI ?SŽ?uE dG IADĎŽ?GE sYIŽ užĎAu EG|GužďwGYI Ď?ŽĎG??G?? ??ĎS A?uAYE ??G ĎuAYsYO ĎŽusĎsG??
- ▶ G|GužďwGYI ĎA?YIG?? ?SŽ?uE ?SA?G ISG Ž?ID?I? ŽI A ?s?U A??G??wGYI ? sIS užĎAu A?ISŽ?sIsG? AYE? sI sY G?s?IGYĎG? Ď?Ž|sEG A ĎGYI?Au EAIAdA?G ? sIS IsYESYO? Au?Ž?
- ▶ G|GužĎ AYE ??GYOISGY ĎŽusĎ? ISAI GYĎŽ??AOG? swĎŽ?Ž|GE sYIG?ADIsŽY? dGI? GGY YAlsŽYAu AYE užĎAu uG|Gu? ŽY ISG ??duGDI ŽI ?s?U A??G??wGYI?
- ▶ >GA?Y uG??ŽY? I?Žw D W// sY AYOUAEG?S ?GOA?EsYO ISG ?AYE?Es?A?ŽY ŽI ĎŽww?YsI? ?s?U A??G??wGYI?
- ▶ ?sUE ISG ĎADADsI?IŽ ĎA??? ŽI ĎŽwĎ?GSGY?s|G A??G??wGYI ŽI ?s?U IŽ ??ĎĎŽ?I ĎuAYsYO AYE EGDs?sŽY-wAUsYO d? OŽ|G?YwGYI AYE ŽY OŽ|G?YwG I AOG?ĎsG??
- ▶ Es??GwsYAlsŽY ?I?AIGO? IŽ? ?ĎsGYIsĎ AYE YAlsŽYAu uG|Gu EAI A ŽI ?s?U A?IG? AYE ĎuswAIG ?s?U? AYE wAYAOGwGYI s? YGDG??A?? IŽ G??sĎ AYE s?ĎŽ??AOG? ?IAUGSŽuEG?? sY ISGs? E?IsG? IŽ I?AY?IG? UY Ž? uGEOG? uŽ? ?ĎĎŽ?I ISGA|As?AdsusI? ŽI ?ĎsGYIsĎ sYIŽ?wAlsŽY ISAI s? AĎĎG??sduG? GA?? IŽ ?YEG??uE AYE wA? ?ĎĎŽ?I ĎŽww?YsIsG? sY wAUsYO EGDs?sŽY? ?uAIGE IŽ EG|GužďwGYI sY ISGs? A?GA??
- ▶ ^?ĎĎŽ?I ?G?GA?ĎS sY?IsI?IG? A? Ď?Ž|sEG? ?ŽI sYIŽ?wAlsŽY ISAI SGuĎ usYU EsIIG?GYI ?IAUGSŽuE G?? IŽOGISG??
- ▶ G|GužĎ ĎuGA? ĎŽusĎ? AYE Ď?Ž?uE ŽY EAI A ?S?SYO? wGDSAYS?w s?YGGEGE IŽ? ĎŽww?YsĎAlsŽY AIYAlsŽYAu? ?I YAlsŽYAu AYE užĎAu uG|Gu? Ď?uI??G ŽI sYIŽ?wAlsŽY ?SŽ?uE dG EG|GužĎGE IŽ ?SA?G ? sIS GYI??G?? AYE ŽdIASY IGGEdAĎU ŽY ISG Ď?ŽO?G?? ŽI ??AOG?
- ▶ /YIŽ?wAlsŽY w??I d? ?ĎŽ|sEGE d? ISG YAlsŽYAu sY?IsI?IsŽY? IS?Ž?OS EAI A ĎADUAOG?? , s?Ž?sĎA?EAI A ?SŽ?uE dG wA?G A|AsuAduG AYE EAI A ?SŽ?uE dG ?ĎGĎsĎ IŽ ISG ĎŽww?YsI? EGĎGYEsYO ŽY ISGs? us|GusSŽE? GE?ĎAlsŽY AYE ĎADADsI??

3.5: Financial resources at the local level for CBDRR-CBA

3.5.1: Theoretical significance

&sYAYĎsAu ?G?Ž??ĎU? ADsSg|GE ISG uŽ? G?I Ž|G?Auu ?ĎŽ?G ŽI AuIISG ?? užĎAu OŽ|G?YAYĎG sYEsĎAIŽ?? sY ?G?GA?ĎS ĎŽYE?ĎIGE OužĎAuu?? >AĎU ŽI ?G?Ž??ĎG? IŽ? d?suEsYO užĎAu ?IAIG ? YŽY- ?IAIG sY?IsI?IsŽYAu ĎADADsG? AYE EGESĎAIGE d?EOGI? IŽ? Ď?ŽO?AwWG swĎuGwGYIAlsŽY ?GwAsY A Ď?swA?? ĎŽY?I?AsYI IŽ d?suEsYO užĎAu ?G?susGYĎG?;' E Z ?????

3.5.2: Regional evidence

GYI?AuI?YE?

I ISG YAlsŽYAu uG|Gu ĎŽ?Y?S?G?SA|G G?IAdus?SGE YAlsŽYAu I?YEsYO wGDSAYS?w? IŽ?Es?A?IG? wAYAOGwGYI? dŽ |A??sYO EGO?GG? ISG?G wA? dG E?A?Y ŽY IŽ? ISG Ď??ĎŽ?G ŽI ?GE?ĎsYO ?s?U? /Y ISG ĎA?G ŽI ?AY? ?YEG? ?GDGYI uA? ?ISG ' Ž|G?YwGYI IS?Ž?OS ISG EAlsŽYAu s?A?IG? D AYAOGwGYI KIIsĎG s? A?ISŽ?s?GE IŽ AuužĎAIG ?G?Ž??ĎG?IŽ? Es?A?IG? wAYAOGwGYI IŽ wsYs?I?S?G? AYE ŽISG? Ž?OAYS?AlsŽY?Ď IŽ A IŽIAuŽI ?? ŽI ISG YAlsŽYAu d?EOGI?KI ISS? ???

?SŽ?UE dG AuužDAIGE IŽ? Đ?G|GYIsŽY AYE wslsOAlSŽY ?Ž?U?? ŽGosŽYAu ?G|sG? ?? dSG EGAsu
????Ž?YEsYO SŽ? AYE ?S GY I?YE? A?G AuužDAIGE s? ŽI ISG ?ĐwŽ?I swĐŽ?IAYĐG? A? ISG?G A?G
wAY? G?AwĐuG? ŽI GwG?OGYĐ? I?YE? dGsYO ws???GE IŽ? ĐŽustsĐAu OAsY? &Ž? G?AwĐuG sl s?
?GĐŽ?IGE ISAI sI YŽI E?A?Y EŽ? Y? ISG VřsusĐĐsYG?? AuAwsI? &?YE wsOSI dG ??GE A? A
S?s?IwA? dŽY?? A? ŽĐĐŽ?GE IŽ dGsYOADĐ??GE Ž|G? ISG YG?I Is|G ?GA???

Y AEEsIsŽY IŽ ?ĐGDsIsĐ I?YE?? YAlSŽYAu A?ISŽ?slsG? wA? ?GGU IŽ EG|GužĐ sYĐGYIs|G? ISAI
Đ?ŽwŽIG ?s?U ?GE?ĐIsŽY? &Ž? G?AwĐuG? sY /YEŽYG?sA ISG OŽ|G?YwGYI ?GDGYlu?uA?YĐSGE AIA?
sYĐGYIs|G IŽ? ĐuswAIG ĐSAYOG ?GuAIGE sYsIsAIs|G??

>žDAu I?YE?

>žDAuOŽ|G?YwGYI? wA? dG AduG IžAE|žDAIGIŽ?ADĐ?žĐ?saIG wGDsAYs?w? IŽ sY???G ISAI
YAlSŽYAuI?YE? A?G wAEG A|AsuAduG IŽ? Es?A?IG? ?G?ĐŽY?G AYE Es?A?IG? ?s?U ?GE?ĐIsŽY?
^žwGIsWg? Iss? s? AsEGE d? A EG|GužĐwGYI ĐA?YNG?? ??ĐS A? sY /?AY ?S G? h E ?ASGuĐGE
?YUžDU A ?soYsIsĐAYI luž? ŽI YAlSŽYAu ?G?ž??ĐG?IŽ ' ŽuG?IAY AYE <G?wA?I?ĐŽ|sYĐG?I? ŽZ?
?I ISG ĐŽYEsIsŽY? ??ĐĐŽ?IsYO Iss? sYsIsAIs|G ? G?G IGA?sduG sY /?AY ?SĐA??G?ĐŽ|sYĐsAu
A?ISŽ?slsG? GYUž? užddsYOAYE YGOžIsAlSŽY ĐŽ??sdsusIsG??GuAIGE IŽ? ?AYE ?S?I?SAI wA? dG
ISG GY|? ŽI ŽISG? ĐŽYIG?I?? |GY SG?G ISŽ?OS ISG ???IGw sA?I?žw YG?I?u?

ZGD?G?GYIsYO I?ĐsĐAuĐs?Đ?w?IAYĐG?? sY s sGIYAw?? ĐGYI?Aus?GE ???IGwISG?G s? uswIsGE Adsus?IŽ
G?G?Đs?G ĐŽ? G? Ž|G? d?EOGI AuužDAIsŽY? IŽ ISG užDAu uG|Gu? A? A? A ?G??uI užDAu OŽ|G?wGYI?
A?G Žu? AduG IŽ ADĐG?? A I?ADIsŽY ŽI ISG ĐGYI?us?GE d?EOGI? GĐGYI?Aus?AlSŽY sYĐ?GA?G? ISG
ĐSAYĐG ŽI ISG Iuž? ŽI ?G?ž??ĐG? IŽ? ŽZ AYE A?ADIAIsŽY IŽ užDAuU|Gu? IS?Ž?OS sYĐ?GA?sYO
GIsĐsGYĐ? AYE EGD?GA?sYO? A?IG ŽI ?G?ž??ĐG? IŽ? u?ROG ZDG?AlSŽY? AYE AEwsYs?I?AlS|G
Đ?žDG??G? AI SsOSG? uG|Gu?? ZGOA?EuG?? sZ?OS? sY OG?G?Au IG?w??YAlSŽYAu OŽ|G?YwGYI?
I?ĐsĐAuU? A?O?GISAI ŽZ s? A ĐŽ|sYsIsAIs?I?YĐIsŽY AY?? A? AYE ?Ž Đ?Ž|sYĐG??SŽ?UE AuužDAIG
ISGs? Ž?Y I?YE? IŽ? ŽZA? ?G?ž?GE? dss? ? ŽĐĐŽ?IGE IŽ dG ISG ĐŽYIG?I sY VAD?A EG?
' ?sYGA?

/Y Đ?ADIsDG užDAu OŽ|G?YwGYI? ? suA?I? ? AuužDAIG I?YEsYO ADĐŽ?EsYO IŽ ISGs? Đ?SŽ?slsG?? AYE
ISG?G A?G uG|G?IŽ d?EGIsYOG? sY IG?w? ŽISGAuIs AYE GE?ĐAIsŽY? YŽI ŽZ AYE ADIs|slsG?? /I
užDAu A?ISŽ?slsG? A?G AuužDAIsYO wŽYG? ISGw?Gu|G? IŽ? ŽZ?AI dG?I ADIs|slsG?SA|G
Đ?GEžw?w?lu? Đ?GY ĐŽY?IGE IŽ ?G?ĐŽY?G AYE Đ?GDA?GEYG?? sYĐu?EsYO GA?u? ? A?YsYO? I?u
??sIG ŽI wG?I?G? ISAI ?GE?ĐG |?uYG?AdsusI?s? dG?žYE ISG ?GADs ŽI ??ĐS GIŁŽ?I??

t sGY užDAu uGAEG? A?G wŽ?G A? A?G ŽI ISG ?s?U? IADGE ISG?G s? ISGY A O?GAIG? usUGusSŽZE ISAI
?s?U ?GE?ĐIsŽY GIŁŽ?I? OŽ EGGĐG?? ??ĐS A? ?GDŽ?IGE sY ' Y ' sAYO Đ?Ž|sYĐG? s sGIYAw? , G?G usUG sY
ŽISG? Es?A?IG?-A? A?G ĐuADG? ISG A?ISŽ?slsG? SA|G ĐA?YNG?GE ? sIs E ' K ? IŽ sYĐ?GA?G ISG ?GADs
ŽI ISGs? Ž?Y ?G?ž??ĐG?? dSG Y ' sAYO wGžĐuG?? ŽwswlIGG IŽ? &užŽE AYE ^IŽ?w ŽYI?Žu SA?
??GE ISGs? Ž?Y d?EOGI AYE E ' K I?YEsYO IŽ ??Y ŽD I?AsYsYO ?G??sŽY? sY GADs Es?I?ĐI?
GYSAYĐsYO ISG ĐADADsI? ŽI wŽ?G ISAY ??? ĐŽwv?YG ?IAlI?

^G|G?Au sYsIsAIs|G?sY IsGuE ?I?E? užDAIsŽY? ŽI /YEŽYG?sA ĐUGA?u? ?G??s?GE A ?soYsIsĐAYI d?EOGI?
&Ž? sY?IAYĐG? ISG?GĐŽ|G?? ŽI ? AIG??SGE A?GA?? s??soAlSŽY AYE Đ?Ž|s?SŽY ŽI ĐUGAY ? AIG?? AYE
ISG G?IAdus?SwGYI ŽIA ĐuswAIG sYIŽ?wAlSŽY ???IGw?E ŽI ?sIs?IAYEsYO ISG ?ĐAuG ŽI ISG
Đ?žduGw? ISG Đ?G?GYĐG ŽI ?ĐGDsIsĐ Es?A?IG? AYE AEADIAIsŽY I?YEsYO wGDsAYs?w? ĐAY wA?U ISG
wŽ?G ??dIuG ? A?? sY ?SsĐS ŽZ AYE s? IŽ dG ADĐŽwĐus?SGE?

>ŽDAu A?ISŽ?slsG? ?As?G ISGs? Ž?Y IA?G?? AYE ŽŽ? suusYOYG?? IŽ sY|G? sY ZZ AYE w?? dG
EG?DGs|GE A? AY G??GYsAu uŽDAu YGGE? &Ž? sY?AYDG? sY ^?s >AYUA? Is?G S?E?AYI? A?G ĐAsE I?Žw A
w?YsĐsĐAu d?EOGI? ? sIS ?G|GY?G ?As?GE IS?Ž?OS uŽDAu IA?G??

/wĐŽ?IAYIu? sI ĐAY dG ?GGY ISAI ZZ AYE A Đs|slsG? AI ISG uŽDAu uG|Gu EŽ YŽI YGDG??A?su?
YGGE ??d?IAYIsAu IsYAYĐsAu ?G?Ž??ĐG?? Eu??wGYI wsOSI dG EŽYG IŽ ISG G?s?IsYO Đ?Ž|sYĐsAu Ž?
Es?I?SĐI?ĐsI? d?EOGI?? IŽ wAUG ISGw wŽ?G ZZ- ?GY?sls|G? dS?? Zz- d?EOGI? YGGEGE
IŽ dG wAsY??GAWGE sYŽ G?s?IsYO ?GĐIŽ?Au AOGYĐsG? EG|GuŽ ĐwGYI d?EOGI?? I ? A? YŽIG?Ž?IS?
sY ISG ĐA?G ŽI ISG ĐŽA?I IŽ?Y ŽI D AIA? ? S G?G ISG w?YsĐsĐAus? Au?GAE? ?GĐŽOYs?GE SŽ? ZZ
AYE ĐŽ??sdu? dGYGIsI? ? G?G Au?GAE? dGsYO EG?s|GE I?Žw ?ŽwG ŽYOŽsYO uŽDAu EG|GuŽĐwGYI
AĐs|slsG?? &Ž? G?AwĐuG? E?GEOsYO ŽI ISG ?s|G??wAsYIGYAYDG ŽI ŽĐGY ?ĐADG?? ĐŽY?G?|AlsŽY ŽI
IŽ?G?I uAYE? dSG Đ?swG EsIsĐ?uI? A?Ž?G ŽY AĐĐŽ?YI ŽI ?ĐAuG?

W?s|AIG ?GĐIŽ?

dSG Đ?s|AIG ?GĐIŽ? ĐAY ĐuA? AYswĐŽ?IAYI ?ŽuG I?YESYO ZZ AYE ?A? ?G?A? ??ĐĐŽ?IsYO
GIIŽ?I? IŽ GY??G ISAI ?s?U Đ?GAIsŽY s? YŽI A d?-Đ?ŽE?ĐI ŽI uŽDAu uYE??I? G?O? sY IG?w? ŽI
swĐAĐI ŽY ? AIG? AYE uAYE ??G?Y Y ' sAYO? s sGIYAw? ISG w?ĐuG?? Žw?IGG IŽ? &uŽŽE AYE
^IŽ?w ŽYI?ŽuSA? dGGY AĐs|Gu? ĐŽŽ?EsYAlsYO ? sIS Đ?s|AIG ĐŽwĐAYs? I? Đ?dusĐ A? A?GYG??
?As?sYO AĐs|slsG?? /YIADI sY???? ISG Y ' sAYO ??YG?? ?ĐsAlsŽY dGĐAwG AY ŽIsĐsAu
wGwdG? ŽI ISG ĐŽwswllGG? /Y ISG ĐA?G ŽI ISG D AuEs|G? ŽYG I?Žs?I ?G?Ž?I IADsusI AIGE ISG
G?IAdus?SwGYI ŽI A ĐuAIŽ?w IŽ? I?AsYsYO AYE ĐŽww?YsI? wŽdus?AlsŽY IŽ AsE uŽDAu
EG|GuŽĐwGYI Đ?ŽO?AwwsYO?

Reach to the community level

? ? sIS ŽISG? A?ĐGD? ŽI ZZ AYE ?s?G|sEGYI ISAI |?uYG?AduG ĐŽww?YslsG? A?G dG?ŽYE
ISG ?GADs ŽI wŽ?I YAlsŽYAu AYE uŽDAu I?YESYO? I ISG O?A???ŽI? uG|Gu ISG wAuŽ?sl? ŽI I?YESYO
AYE ??ĐĐŽ?I s? EGus|G?GE d? G? ?ZYAu AOGYB?G?? dSG?G A?G ISGY sY EAYOG? ŽI dGsYO IswG
dŽ?YE? Đ?ŽuGĐI dA?GE AYE wAĐUsYO sY ĐŽYGDs|sI? ? sIS uŽDAu AYE YAlsŽYAu ĐŽusĐ??

OAsY ĐŽ?|sEYO AY G?AwĐuG ŽI AY sYsAls|G ISAI ?GGU? IŽ d?GAU EŽ?Y Iss? ?IG?GŽI?ĐG?
AYOuAEG?S?? D WĐŽ?|sEG? uŽDAu I?YESYO ?I??ĐI??G IŽ swĐuGwGYI Đ?sŽ?sl? AĐsŽY?? dSs?
wŽIs|AK? uŽDAu A?ISŽ?slsG? AYE ĐŽww?YslsG? IŽ IAUG ĐA?I? dŽ GY??G I?AY?ĐA?GYĐ? AYE
AĐĐŽ?YIAdus?|G??sOSI s? ĐA??sGE ŽI d? A WŽuGEI /wĐuGwGYIAlsŽY ŽwswllGG? ?SŽ?G
wGwdG??SsĐ s? wAEG ?Đ ŽI hYsŽY s?A?IG?D AYAOGwGYI ŽwswllGG wGwdG?? ?ĐSŽŽu
IGADSG?? ?s|sĐ uG?G?? AYE ?GĐ?G?GYAls|G? I?Žw |?uYG?AduG O?Ž?Đ??;hE/^ Z ??????

3.5.3: Commitments needed

- ▶ Y???G ISAI A Đ?ŽĐŽ?IsŽY ŽI ĐAuAwsI? I?YESYO s? AuuŽDAIGE IŽ? uŽYOG? IG?w ?s?U
?GE?ĐIsŽY?
- ▶ EAIsŽYAuOŽ|G?YwGYI? IŽ Đ?Ž|sEG IA? sYĐGYIs|G? GYĐŽ??AOSYO AĐsŽY? ISAI A?G
ĐŽYE?Đs|G IŽ ISG ?GE?ĐIsŽY ŽI ?s?U?
- ▶ dSG uŽDAu OŽ|G?YwGYI ĐuAYsYO AYE d?EOGIsYO Đ?ŽĐG?? ?SŽ?uE sYĐu?EG ?s?U AYAu??s?
AYE G|Au?AlsŽY?

- ▶ Y???G uŽDAu d?EOGIsYO Đ?ŽDG??G? sYDŽ?ĐŽ?AIG ZZ AYE ? AYE d?sue ISG YGDG??A?? A? A?GYG?? AYE ĐADADsI? IŽ ??ĐDŽ?I ISS??
- ▶ YDŽ??AOG ISG EG|GuŽDwGYI ŽI w?ulsDuG ?IAUGSŽuEG? uŽDAu I?YEsYO ?I??ĐI??G? sY ??ĐDŽ?I ŽI ĐA?IsDsĐAIŽ?? d?EOGIsYO Đ?ŽDG??G??
- ▶ WŽwŽIG ĐŽŽDG?AIsŽY ? sIS ISG Đ?s|AIG ?GDŽ? ĐŽ?ĐŽ?AIG ?ŽDsAu ?G?ĐŽY?sdsusI? Đ?ŽO?AwwG? ? sIS ?G?ĐGD IŽ ZZ AYE ?

4. Barriers to the synchronization of CCA and DRR at the local level

4.1: Regional evidence

Lack of risk management basis

I ISG ĐŽww?YsI? uG|Gu ISG?G s? uI|uGYGGE IŽ A?IsIsDsAuu? Es?IsYO?s?S?uG|G? GG?wAY? ĐŽYDGD I? ISAI ?GuAIG IŽ dŽIS ZZ AYE ? /I s? wŽ?G swĐŽ?IAYI IŽ EGIG?wsYG s? Es?A?IG?Đ?swAIG ĐSAV OG AYE |A?sAdsusI?sYIu?GYDG ĐGŽDuG??us|G? AYEus|GusSŽE?? &?Žw ISS? ĐS??ĐGDIs|G A |?uG?AdsusI? Ž?Ž?U IŽĐ?? s? ĐuGA?u? ?GGY A? ?YsIsYOISG ??duGD I? dS?Ž?OS ISG?uGY? ŽI ĐGŽDuG?? us|G? AYE us|GusSŽE?? ?S?U? I?Žw ĐuswAIG ĐSAV OG AYE Es?A?IG?? Đu? ŽIS? ?S?U?? A?G Auu sYIGO?AIGE AYE ĐŽY?sEG?GE IŽOGISG? A? ĐA?I ŽI?GO?uA?EGD ?sZY-wA?IsYO AYE EG|GuŽDwGYI Đ?ŽDG??G??

ZGDŽOYS?sYO ISS?? W?ĐIsĐAu ĐIsŽY? ^s >AVO? ?AISG? ISAI ?I??OO?SYOIŽ duGYE ZZ AYE A? ?IAYE-AuŽYG?GI ?GuAIGE Es?ĐsĐusYG?? AEŽDI? AY ?EADIs|G us|GusSŽE I?AwG? Ž ?U? AĐĐ?ŽADS? ???IASYAduG us|GusSŽE? AĐĐ?ŽADS ? A? Au?Ž ?GDŽ?E A? A? ?I?AIGO? IŽ ?GE?DG |?uYG?AdsusI?sY ?I?E? uŽDAIsŽY? ŽI /EŽYG?sA?t s?G?Y &?Ž? |?uG?AdsusI? AYE ĐADADsI? A??G??wGYI ? A? ISG Đ?ŽDG?? IS?Ž?OS ? SsĐSISG SA?wŽYs? ?SŽY ŽI ISG?G ??duGD I? ? A? AĐSSG|GE AI ISG ĐŽww?YsI? uG|Gu hE/^ Z? hE W?????? Žw?SYGE s? ? ĐuGA? ISAI AI ISG ĐŽww?YsI? uG|Gu GI IŽ?I? IŽ ??YDS?ŽYs?G ISG ??duGD I? A?G u? ?OGu?AY A?IsIsDsAu AYE IŽ?GsoY Đ?ŽduGw?

National level compartmentalisation

dSG uA?I EGDAEG SA? ?GGI Đ?ŽO?G?? sY ?I?GYOISGYSYO sY?IsI?IsŽYAu ???IGw? IŽ? ZZ AI ISG YAlsŽYAu uG|Gu ?EESIsŽYAu?w?A? ?ĐŽ?YI?sG? SA|G AIGwĐIGE IŽ EGĐGYI?Aus?G ISG I?YĐIsŽY? ŽI ZZ IŽ ISG uŽDAu uG|Gu? AYE SA|G IS?? AEŽDIGE d?sueSYO ĐADADsI? AYE ?I?GYOISGYSYO ???IGw? ŽI uŽDAu sY?IsIsŽY? A? A UG? ?SŽY?? KY ISG ŽISG? SAYE? ?GIsYO ?Đ sY?IsI?IsŽYAu ???IGw? IŽ? s? A ?GuAs|Gu? ?G? A?GA AYE wŽ?I ĐŽ?YI?sG? SA|G YŽI ?GI G?IAdus?SGE ISG?GAI ISG uŽDAu uG|Gu?

uA?wsYO ISŽ?OS s? ISAI ĐuswAIG ĐSAV OG sY?IsI?IsŽYAu A??AYOGwGYI? AĐĐGA? IŽ dG ?GDusĐAIsYO AYE E?ĐusĐAIsYO ISG Es?A?IG?-Ž?sGYIGE A??AYOGwGYI? Au?GAE? G?IAdus?SGE? EŽI ŽYu? EŽG? ISS? SsOSusOSI sYGIsĐsGYĐsG? AYEĐ?G?GYI ?ŽwG Žd|sŽ?? EsIsĐ?ulsG?? d?I sl Au?Ž soYŽ?G? ISG uG??ŽY? ISAI EŽ?IE dG uGA?YI I?Žw ISG uA?I I? GYI? Ž? ISS?I? ?GA?? ?G?ĐsIG Đ?ŽO?G?? sY ?ŽwG A?GA?? YAlsŽYAu OŽ|G?YwGYI? G|GY sY ISG ĐŽYIG?I ŽI EGĐGYI?Aus?AIsŽY? SA? EŽwwŽYU? ?I??OOUGE IŽ ?GE?DG |?uYG?AdsusI? AI A uŽDAu uG|Gu IS?Ž?OS ZZ ?I?AIGOsG? AYE AĐĐ?ŽADSG?? hYIŽ?I?YAIGu?? AĐĐŽ?EsYO IŽ ISG Žwws??sŽY ŽY uswAIG SAYOG AYE G|GuŽDwGYI²⁰? ISG?G A?G ? Guu? ?IsI GE IGA?? ISAI ISG GwG?OsYO AOGYEA s?? usUG w?ĐS ŽI ISG ZZ G?ĐG?sGYDG ISAI SA? ĐŽwG

²⁰ CCCD (2009) *Closing the Gaps: Disaster Risk Reduction and Adaptation to Climate Change in Developing Countries*. Sweden: Commission on Climate Change and Development

dGiZ?GSAYE? AĐ?GEŽwšYAYlu? IŽĐEŽ?Y GIIZ?I ?AISG? ISAY AY sVIGO?AIGE IŽĐEŽ?Y AYE dŽIIŽw-?Đ ŽYG?

dSG dŽ? dGuŽ? ĐŽ?|sEG? AY G?AwĐuG ŽI ISG sY?Is?IsŽYAu A??AYOGwGYI? ŽI WAD?A EG? ' ?SYGA? d?I ISS? s?Au?Žsu?I?Als|G ŽI wŽ?I ŽISG? ĐŽ?YI?sG??

Lack of synchronization of DRR and CCA at the national and local level in Papua New Guinea

In the case of Papua New Guinea, currently there are two separate offices dealing with DRR and CCA. While the National Disaster Centre (NDC) is the lead agency for Disaster Risk Management, the Office of Climate Change and Development (OCCD) deals with Climate Change Adaptation and Mitigation.

Currently there are policy gaps with regard to integrated DRR and CCA interventions. The Disaster Management Act and the Disaster Risk Management Policy of Papua New Guinea mandates NDC as the nodal agency for Disaster Risk Management. Currently OCCD is in the process of developing a policy on Climate Change. The activities/projects envisaged by OCCD under their CCA plan have a lot of similarities with the activities that are being implemented by NDC (for example strengthening of the Early Warning System, development of hazard specific preparedness plans etc.). A lack of an institutional and policy framework is hindering the integration of DRR and CCA at various levels.

The National Disaster Committee are responsible for all matters related to DRM in the country, but OCCD is currently not a member of the National Disaster Committee. Similarly there is a National Climate Change Committee, however the NDC is not part of this.

At the local level the Provincial Disaster Management Offices are mandated with DRM functions. Every province has a Provincial Disaster Management Committee that meets every quarter. The OCCD is also trying to establish similar setups at the Provincial level, which may further complicate DRR and CCA integration locally as well as nationally.

Although the OCCD was established very recently, the office has attracted a lot of donor attention and secured sizeable resources for CCA work. This has resulted in marginalization of the role of NDC. Donors also failed to adequately connect to NDC while developing CCA projects/programmes.

More positively both NDC and OCCD are members of a national Technical Working Group chaired by the CCA Director. This aids coordination. Furthermore currently the NDC is revising its Plan which will inform the drafting of new legislation on Disaster Risk Management. It is expected that the revised plan and the new legislation will provide appropriate direction to various Departments involved in DRR and CCA in the country. The OCCD is also developing a Climate Change and Development Policy but it is not clear the extent with which this is connected with disaster management arrangements.

The compartmentalization of policy and institutions for DRR and CCA at national and local levels and amongst development partners is not reciprocated at the community level. A compounding factor though is that by oĐG?AISYO ?YEG? ?GĐA?AIG ZZ AYE ĐŽusĐsG? AYE uGos?uAls|G A??AYOGwGYI? AI YAlsŽYAu AYE uŽĐAu uG|Gu?? ĐŽww?Ys?dA?GE swĐuGwGYIAIsŽY s? IŽ?ĐGE IŽ??Y SYEGĐGYEGYlu?? ?AISG? ISAY A? ĐA?I ŽI A ĐŽSG?GYI AYE ĐŽwĐ?GSGY?s|G ???IGw?

Towards synchronisation of policy, planning and implementation

dSG sYI?ŽE?ĐIsŽY ŽI ĐAY ĐŽ?|sEG YG? sY?sOSI? AYE |sOŽ?? IŽ ISG swwGY?G ĐSAuuGYOG? A??ŽĐsAIGE ? sIS ?s?U ?GE?ĐIsŽY? /Y ISG ĐA?G ŽI ^?s >AYUA IŽ? G?AwĐuG? YAlsŽYAu O?SEGuSYG? ŽY Es?A?IG? wAYAOGwGYI EGDuŽ? A ?ĐŽY|GYIsŽYAu AĐĐ?ŽAĐS? EGusYGAIGE d? SA?A?E I?ĐG? dSs? s? A

DŽY?A?AsYsYO IADŽ?? ZZ s? Au?Ž ŽIIGY DŽY?A?AsYGE d? s? GwG?OGYD? wAYAOGwGYI ??ŽI??
 YŽISG? ?GAUYG?? ?GuAIG? IŽ ISG IGYEGYD? IŽ? ?I??DI??Au wslsOAlsŽY IŽ ISG EGI?swGYI ŽI
 d?suEsYO ?G?susGYDg IS?Ž?OS ŽISG? ??ŽI? AĐD?ŽADSG?? ? DŽY?A?I ? Ž ?U ŽY ?SŽ?? ?soY? ŽI
 SA|sYO ISG DŽIGYsAu IŽ dG wŽ?G DuŽ?Gu? AusOYGE ? sIS ?ŽwG uĐAu Đ?SŽ?slsG? AYE ĐG??ĐGDIs|G??
 &Ž? G?AwĐuG ISG ZGE ?Ž?? sY ^?s >AYUA AĐD?ŽADS IS?Ž?OS sYsIsAls|G? ??ĐS A? ?&A?wG?
 &sGuE ^ĐSŽŽu?? IŽ AsE IŽZE ?GD??sI?? uŽ? Ž |G?ĐŽwsYOE?s|G?? ŽI ?s?U ??ĐS A? GY|s?ŽYwGYIAu
 EGO?AEAlsŽY wA? ?GDGs|G A O?GAIG? dŽŽ?I IS?Ž?OS AIIGYsŽY Os|GY IŽ ĐuswAIG ĐSAYOG swĐADI?
 ISAY SA? ŽĐD??GE ŽY AĐDŽ?YI ŽI Es?A?IG??

^ŽwG GIŁŽ?I? A?G ?YEG?? A? IŽ ?GGU ĐŽSG?GYDg dGf GGY ISG I?Ž ??duGDf?? I ISG ???? wADsD
 wAIŁŽ?w IŽ? s?A?IG? Zs?U D AYAOGwGYI? ĐŽO?G?? ? A? sYsIsAIGE IŽ? A?E? ISG EG|GuŽĐwGYI ŽI
 AY sYIGO?AIGE ?GOSŽYAu ĐŽusĐ? I?AwG? Ž ?U IŽ? Es?A?IG?? AEADIAIsŽY AYE wslsOAlsŽY? dSG?G s?
 SŽDG ISAI ISG sYIGO?AIGE I?AwG? Ž ?U ? su?sl GYEŽ??GE? ĐŽ|sEG A IS?w ĐŽu? IŽ?YEAlsŽY IŽ?
 sYD?GA?GE ĐŽŽ?EsYAlsŽY? ;hE/^ Z? hE W?????

I ISG DŽ?YI?? uG|GuA :ŽsYI EAlsŽYAu ĐIsŽY wAY IŽ? ZD AYE ? dGsyO EG|GuŽĐGE sY ISG
 ŽŽU /?uAYE?? S sD S ? suIADsusIAIG ISG sYĐu??sŽY ŽI ZZ AYE sYISG YAlsŽY Au AYE ?GDŽ?Au
 d?EOGI Đ?ŽDG??G? ;hE/^ Z? hE W?????

I ISG uĐAu uG|Gu ĐŽO?G?? s? ?uŽ? AYE ĐSGDwGA?Y YEŽY?SA ISG ĐZYĐGDf?Au wGAYsYO ŽI
 ZZ AYE SA? ?GI IŽ dG O?A?ĐGE AI ISG uĐAu uG|Gu? ĐAY? uĐAu Es?A?IG? wAYAOGwGYI
 AOGYDsG? ?suu ĐŽ?SEG? ZZ ISG ?AwG A? Es?A?IG? ?G?ĐŽY? AYE Ž IIsĐsAu? A?G G|GY uG??
 AĐ??AsYIGE ? sIS ?/Y Iss? ?G?ĐGDf Đs|su ?ŽĐS? Ž?OAY? AlsŽY? SA|GdGDŽwG UG? ??ĐDŽ?IsYO
 ADIŽ?? sY Đ?ŽwŽIsYO sYIGO?AIGE ZZ- IS?Ž?OS Đs?ŽI Đ?ŽuGDf??

Summary of barriers

/Y ??wWA?? ISG IŽuŽ ?sYO DŽY?A?AsYI?A?G IADGE sY??YDS?ŽYs?sYO ZZ- AI ISG uĐAu
 uG|Gf?

- ▶ dSG Ad?GYDg ŽI ŽY?GuA uA?? AYE ?GO?uAlsŽY? ISAI OŽ|G?Y ISG sYIGO?AlsŽY AYE
 ??YDS?ŽYs?AlsŽY ŽI ZZ AYE ?
- ▶ >ADU ŽI ?YEG? wAYEsYO ŽI ZZ AYE AwŽYO OŽ|G?YwGYI ŽIIsĐsAu?? OGYG?Au uADU ŽI
 ĐADADsI? sY swĐuGwGYsYO ZZ- ĐŽO?AwwG? AYE ADIs|slsG??
- ▶ ZADSG IŽ?? ŽI E?I? AwŽYO OŽ|G?YwGYI ŽIIsĐsAu? AI ISG Es?A?ĐI?ĐsI? uG|Gu? wAUsYO sI
 EsIIsĐ?uIŽ EG|GuŽĐĐŽwDGIgYI ŽIIsĐsAu??
- ▶ ^GDŽ?Au AĐD?ŽADS AwŽYO OŽ|G?YwGYI sY?IsI?IsŽY? AYE IŽŽ w?ĐS ĐŽusIsĐAu AYE |G?IGE
 sYIG?G?I? A ĐuA??
- ▶ dSG Ad?GYDg ŽI ŽYG ĐŽYDGDf?Au I?AwG? Ž ?U IŽ? ISG ??YDS?ŽYs?AlsŽY ŽI ZZ AYE ?
- ▶ >swsIGE A|AsuAdsusI? ŽI EAIA AYE sYIŽ?wAlsŽY AdŽ?I Es?A?IG? AYE ĐuswAIG? ĐA?IsĐ?uA?u?
 ?GuAIGE IŽEs?A?IG? ?s?U AYAu??s? AYE I?I?G ĐuswAIG Đ?ŽuGDIsŽY?
- ▶ hYGA?sYg?? AYE ?ŽwGIsWG? YGOAls|G Đ?GDŽYDGDIsŽY sY d?suEsYO ĐA?Yg??SsĐ AYE
 ? Ž ?UsYO ? sIS YŽY-OŽ|G?YwGYIAu Ž?OAYs?AlsŽY? AYE Đs|su ?ŽĐSG? Ž?OAYs?AlsŽY? Ž Y ISG
 ĐA?I ŽI uĐAu OŽ|G?YwGYI ŽIIsĐsAu? ?

²¹ Based on evidence from Indonesia

4.2: Commitments needed

- ▶ &ŽĐ?? ŽY Đ?Ž?ĐGDIs|G AYE ĐŽ??GDIs|G ?s?U wAYAOGwGYI? ?S sĐS ĐAu? IŽ? ISGd?suEsYO ŽI YG? ĐA?YG??SsĐ? AI ISG ůĐAu uG|Gu?
- ▶ Strengthen risk assessment, incorporating disaster and climate risks, as a basis for decision-making.
- ▶ ?IAdu?S ĐuGA? sY?Is?IsŽYAu AYE ĐŽusĐ? I?AwG? Ž?U ŽY ZZ AYE sYIGO?AlsŽY?
- ▶ ?sE ĐŽĐG?AlsŽY dGI? GGY ^K? AYE ůĐAu OŽ|G?YwGYI? sY AE|AYĐsYO ISG AOGYEA ŽI sYIGO?AIGE ZZ- ?
- ▶ Develop joint funding mechanisms for both DRR and CCA.
- ▶ Provide joint training, meetings and other opportunities for disaster and climate change practitioners.
- ▶ Strengthen existing multiple stakeholder institutional arrangements at the local level for DRR to accommodate CCA (rather than establishing new parallel arrangements).
- ▶ Create awareness and will among local government bodies, NGOs and other implementing parties for DRR-CCA integration.
- ▶ Develop skills and leadership among local government and NGOs for furthering CCA-DRR integration.
- ▶ ^I?GYOISGY ůĐAu OŽ|G?YAYĐG ĐADAsusG? IŽ swĐuGwGYI ĐŽw?sl?-dA?GE sYsIsAls|G? IS?Ž?OS O?GAIG?ĐA?IsĐsĐAlsŽY? ĐA?YG??S-Đ? ADDŽ?Ndsus?? I?AY?ĐA?GYD? AYE ISG EG|Žu|sYO ŽI ?G?ĐŽY?sdusG? I Ž ISG ů? G?I AĐsĐ?SAIG uG|Gu?
- ▶ ^I?GYOISGY ůĐAu ZZ- ĐADADs? IS?Ž?OS Đ?IsYO sY ĐuADG uGos?uAlsŽY AYE ĐŽusĐsG? IŽ? ĐŽŽ?EsYAlsŽY? Y???G ISAI ISG ůĐAu ĐŽ?EsYAlsŽY wGDSAYS?w? ? Ž?U ;ISG? wGGI ?GO?uA?u?? E?A? ?Đ ? Ž?U ĐuAY?? wAUG I?YESYO ĐŽ|s?SŽY?? swĐuGwGYI ? Ž?U ĐuAY? AYE wŽYsIŽ? ISG Đ?ŽO?G????

First Draft

5. Capacity gaps for effective community engagement with local development processes

5.1: Regional evidence

1/ s? G|sEGYI ISAI G?AwDuG? ŽI GIIGDIs|G ĐŽww?YsI? GYOAGwGYI ? sIS uŽDAu EG|GuŽDwGYI Đ?ŽDGG??G?IGYE IŽ dGs?ŽuAIGE AYE I?AY?SgyI? t SG?G AY sYIG?ADIsŽY ŽDĐ?? dGI? GGY ĐŽww?YsI? O?Ž?Đ? AYE uŽDAu A?ISŽ?SIsG? ISAI ??ĐDŽ?I? A ZZ- AOGYEA ISs? s? AuwŽ?I Au? A?? EGDGYEGYI ?ĐŽY ISG ??ĐDŽ?I ŽI E' K ?? YE ?S.GY AY sYIG?ADIsŽY ?SŽ?? ?soY? ŽI OAsYsYO I?ADIsŽY ? sIsS? uŽDAu OŽ|G?YwGYI? IŽ?? A?E wŽwGYI?w ?ŽŽY G|ADŽ?AIG? ?S.GY uŽDAu uGAEG??SsĐ ĐSAVOG? ŽDĐ?? ZD- ?ĐIALUG s? EGDGYEGYI ?ĐŽY ISG AusOYwGYI sY ?ĐADG AYE IswG ŽIY?wG?Ž?? ??ĐDŽ?IsYO IADİŽ?? AYE sI s? ĐSAuuGYOsYO IŽ Đ?ĐDŽ?S.SY AYE ?S.G?G ISs? ? suYG?I SADDGY G|GY ?S.GY ISs? s? Đ??ĐŽ?GI?uu? Y??I??GE?

I?ĐsDAu ĐŽYIG?I?S.G?G ZD- ?GGU? IŽ dGDŽwG G?IAdus?SGE s? AY GY|s?ŽYwGYI dG?GI d? ĐADADsI? OAD? sYDu?EsYO? GAU uŽDAu uG|Gu AEwsYs?I?AlsŽY? sYIŽw?AlsŽY OAD? ?GOA?EsYO OŽ|G?YwGYI sYsIsAls|G?? ĐŽŽ? I?YEsYO A??AYOGwGYI? IŽ GYAdUG ĐŽww?YsI?G? IŽ ADĐG?? ?G?Ž??ĐG?? AYE sYAEg??AIG ĐŽusDsG? IŽ? G?IAdus?SwGYI AYE ?GYOISGYsYO ŽI K??

I ISG ĐŽ?G ŽI ISG Đ?ŽduGw s? ISAI ISG?G s? A dG?G?Au uADU ŽI ŽDĐŽ?I?YsIsG? IŽ? ĐŽww?YsIsG? IŽ ĐA?IsDsDAIG sY EGDS?SŽY-wAUsYO IŽ??w?? AYE IŽ? ISs? IŽ ŽDĐ?? sY wGAYSYOI?u ? A??d?ĐsDAuu? sI s? IŽ?YE ISAI uŽDAu OŽ|G?YwGYI ?I??ĐI??G? AYE uGDSAYS?I? EŽ YŽI sYDu?EG Ž? GYDŽ??AOG ĐA?YIG??SsĐ?? t Ž?UsYO IŽOGISG? YGGE? ?I?ŽYO ?I?EG??IAY?SYO? uGAEG??SsĐ ?Uuu? AYE G?ĐG?sGYĐG ISAI YŽ?wAuu? A?G uADUsYOAlSG uŽDAu uG|Gu uADŽ?? Au Đ?ADĐG??YŽI ŽYU? ZZ AYE ?;ZGOsŽYAuŽ|G?|sG? AYE ISG V&S ĐDsYg???

1/ ŽDĐŽ?I?YsIsG? A?G A|AsuAdUG Ž? ĐŽww?YsI? Ž GYOAG sY uŽDAu EG|GuŽDwGYI Đ?ŽDGG??G? sI s? ISGY YŽI AI Au ?AsOSI-IŽ??A?E ?Žw?I?G ISAI ISs? ĐAY dG ĐADsAus?GE ŽY?&s?lu? ĐŽww?YsIsG? wA? dG ?Gw|IG I?Žw IŽ?Y? AYE ĐsIsG??S.G?G ??ĐS ŽDĐŽ?I?YsIsG? G?S?I? ŽY|G??Gu?? sY ISG ĐA?G ŽI WAD?A E G? ?SYGA? ISG ??OOGG IG??AsY wGAY? wŽ?I ŽI ISG ĐŽww?YsIsG? ISG sYADGG??sds AYE EŽ YŽI G|GY dGYGIsI ISGw?Gu|G? I?Žw OŽ|G?YwGYI ŽI?GADS ?G?|sDG?? ^sws? ? EsIs? :usG? A?G G?ĐG?sGYĐGE AwŽYO ?wAuu s?uAYE? sY/YEŽYG?SA? G|GY ISŽ?OS ISG?S wA?IG AwŽYO ISG wŽ?I |?uYG?AduG?

?GĐŽYE ĐŽY?I?S.YI IŽ ĐA?IsDsDAIsŽY sY uŽDAu OŽ|G?YwGYI Đ?ŽDGG??G? IADGE d? ĐŽww?YsIsG? ĐŽwG? sI ISG? A?G ŽI Ž?OAYS?GE AYE wŽdsus?GE IŽ EGus|G? ?I?ŽYO wG??AOG?? I?YEAwGYIAu ĐŽwĐŽYGYI ŽI GIIGDIs|G ĐŽww?YsI? GYOAGwGYI SsYOG? ?ĐŽY ISG I?YĐIsŽYsYO ŽI K??dSs? s? dŽu?G?GE sY ISG ĐA?G ŽI WAD?A E G? ?SYGA? ?S.G?G ISG ĐDA?IwGYI ŽI Žww?YsI? G|GuŽDwGYI Đ?ŽwŽIG? ISG?G?IAdus?SwGYI AYE ?I?GYOISGYsYO? ssGIYAw? sI SA?dGGY YŽIGE Au?GAE?? ĐŽ??G??G? A ?I?ŽYO Đ?uI??G ŽI wA?? Ž?OAYS?AlsŽY? /Y ŽISG? ĐŽYIG?I? ISŽ?OS? IŽ? G?AwDuG sY /YEŽYG?SA? uŽDAu EG|GuŽDwGYI s? wŽ?G usUGu? IŽ IŽE? ?ĐŽY ĐS??sDAu sYI?A?I??ĐI??G ISAY ĐŽww?YsI? Ž?OAYS?AlsŽY?/Y ??ĐS ĐŽYIG?I? sI s? uLGu? IŽ ?GG E' K ? ĐUA?SYO AY ADIs|G ?ŽUG? 1/ s?SA?E IŽ ?GG SŽ? ?YEG?u?sYO |?uVG?AdusIsG? ĐAY dG ?GE?ĐGE ŽY A wGAYSYOI?u ĐAUG ? sIsŽ?I A ?I?ŽYO YGI? Ž?U ŽI Ž?OAYS?GE AYE wŽdsus?GE ĐŽww?YsIsG? ĐŽ??G??sYO A? A?GYG?? AYE UYŽ? uGEOG?

5.2: Commitments needed

- ▶ Document and communicate best practices and incentives to show case how community and local government stakeholders could work in partnership.
- ▶ Local communities and civil society groups need to be supported to become organised and mobilized so as to increase their collective voice in local development.

First Draft

6. Recommendations

;IŽ dG Es?AOC?GOAIGE d? ?AUGSŽUEG?? EAlsŽYAuOŽ|G?YwGYI?? D A?Ž??? ^K??

6.1: Institutional arrangements at the local level for CBDRR-CBA

- ▶ /wDŽ|G uŽDAu OŽ|G?YAYDg IS?Ž?OS ???IGw? ŽI AĐDŽ?YIAdsusl?? I?AY?ĐA?GYD? AYE ĐA?IsĐsĐAlsŽY?
- ▶ ?sLE A? A?GYG?? ŽI G?S?IsYO AYE YG? uA? ? ISAI ŽIIG? ĐŽIGYIsAu IŽ? ZZ AYE dGYGIsI? IŽ OAsY I?AĐIsŽY ? sIsS Y uŽDAu EG|GuŽDwGYI Đ?ŽDg??G??
- ▶ Y???G A w?uIsIADGIGE AĐD?ŽAĐS IŽ EG|GuŽDšYO A?I?ŽYO uGOAu GY|s?ŽYwGYI ISAI AEE?G??G? ZZ AYE Es?GDlu? ;A? Es?Đ?GGI uA??? AYE sYEs?GDlu? ;? sIsS Y ?GuAIGE uA? ??? ?S suG Au?Ž ?GDŽOYS?SYO SŽ? swĐuGwGYIAIsŽY ŽI G?S?IsYO uA? sY OG?G?Au ĐAY SA|G ?SOYsIsĐAYI |?U?G?Adsusl? ?GE?ĐIsŽY Ž?IDŽwG? ;G?O? Đ?G|GYIsŽ Y ŽI suG?Au ?AYE ws?SYO sY ^?s >AYUA??
- ▶ ^I?GYOISGY YAlsŽYAu AYE uŽDAu ĐŽwvswGYI IŽ Đ?ŽDg??G? ISAI ĐŽYGDl YALŽYAu ĐuAYsYO ? sIs uŽDAu AOGYEA?? ??ĐS A? IS?Ž?OS O?GAIG? ??ĐDŽ?I IŽ? A?E? GY|s?ŽYwGYIAu wAYAOGwGYI?
- ▶ ZG|sG? YAlsŽYAu AYE uŽDAu ?GO?uAlsŽY? ISAI A?G ĐŽY?AESĐIŽ? Ž? ŽI?I??ĐIs|G IŽ sYIGO?AIGE ZZ AYE ?

6.2: Partnerships at the local level for CBDRR-CBA

- ▶ /Y|G?I sYGIHŽ?I? IŽ ĐŽ?G ISG OAD uS?GGY ĐŽwv?YsIsG? AYE uŽDAu OŽ|G?YwGYI AOGYDsG? d? Đ?GAIsYO AYE ?I?GYOISGYS? ŽĐDŽ?I? IsG? IŽ? w?uIs?IAUGSŽUEG? ĐA?YNG??SsĐ? IŽ? G?AwĐuG IS?Ž?OS ?s|G? d?AsY Ž?OAYS?AlsŽY??
- ▶ ^?ĐDŽ?I GIHŽ?I? IŽ Ž?OAYS?G AYE wŽdsus?G ?I? AYE ISG Es?I?SĐI -? sEG ???IGw? ISAI SGuĐ IŽ GY???G ISAI ĐŽwv?YsI? s?S??ĐGDIs|G? A?G EGus|G?GE sY A ĐŽSG?GYI ? A? IŽ? ?GAus?IsĐ ?ĐIAUG d? OŽ|G?YwGYI ?IAUGSŽUEG???
- ▶ Encourage process-based approaches to DRR-CCA to be valued as a core element.
- ▶ Y???G E' K |ŽsDG ?wA?sws?GE AI ISG YAlsŽYAu uG|Gu IS?Ž?OS wGwdG??SsĐ ŽI YAlsŽYAu ĐuAlIŽ?w? AYE SŽ?IsYO UG? ?GAP sY EGĐs?sŽY-wAUsYO IŽ??w??
- ▶ ?sLE A ?Đs?I ŽI ?Gu?SGuĐ AYE ĐŽŽDg?AlsŽY sY ZZ AYE ?

6.3: Human capacity at the local level for CBDRR-CBA

- ▶ ^?I?G?ŽY?A? A? A?GYG?? ?As?SYO Đ?ŽO?AwvW? AwŽYO?I ĐŽwv?YsIsG? AYE uŽDAu OŽ|G?YwGYI? GY???sYO ISG dGYGIsI? ŽI ?ŽII AĐD?ŽAĐSG? IŽ |?uYG?Adsusl? ?GE?ĐIsŽY A?G dGIIG? ?G?GDIGE?
- ▶ WŽwŽIG ISG ?YEG?IAUsYO ŽI ĐAĐAĐsI??YGGE? A??G??wGYI? IŽ? AYY?Au uGA?YsYO ĐuAY? AYE ISGY sYIGO?AIG I?AsYsYO ŽY ZD- ? sIsS Y G?IAdus?SGE I?AsYsYO Đ?ŽDg??G? ?S G?G|G? ĐŽ??sduG ?Ž A? IŽ wA?sws?G ?GuG|AYDg? ?GE?ĐG ĐŽ?I AYE swDŽ|G ???IAsYAdsusl??
- ▶ Y???G ISAI ISG dGYGIsI? ŽI I?AsYsYO A?G Ž?IDŽwG Ž?sGYIGE? ?AISG? ISAY ??AYIsIAIs|G sY YAI??G ;G?O? y Y?wdG? ŽI ĐGŽĐuG I?AsYGE??
- ▶ WŽ|sEG G?IGY?s|G ĐAĐAĐsI? d?suEsYO IŽ? uŽDAu OŽ|G?YwGYI ŽIsĐsAu? ŽY ZZ AYE IS?Ž?OS ???IAsYAduG AĐD?ŽAĐSG? ???ĐS A? d?AsYsYO ŽI d?AsYG???

6.4: Technical capacity at the local level for CBDRR-CBA

- ▶ G|GužDwGYI ĐA?YIG?? ISAI Đ?Ž|sEG IGDSysĐAu ??ĐDŽ?I ?SŽ?uE GY???G ISAI Đ?ŽUGDI? AYE Đ?ŽO?AwwG? Au?Ž ĐŽwĐ?s?G GIŽ?I? IŽ ???IASY Đ?ŽDG??G? ŽI sYIŽ?wAIsŽY ?SA?SYO AwŽYOAYE dGI? GGY uŽĐAu AYE YAlSŽYAu ?IAUGSŽuEG?? IŽ ISG O?GAIG?I G?IGI ĐŽ??sduG?
- ▶ d?AEsIsŽYAu UYŽ? uGEOG w??IdG |Au?GE AYE ISGY GYSAYĐGE A?YGDG??A?? IŽ IAUG AĐDŽ?YI ŽI ISG ? sEG? ĐŽYIG?I?
- ▶ EADIs|G ĐADADsI? w??IdG ??ĐDŽ?IGE ??Ž A? IŽ GYAdUG ĐŽww?YsIsG? AYE sY?IsI?IsŽY? IŽ ?G?ĐŽYE IŽ GwG?OsYO ?s?U??
- ▶ VA?IsĐsĐAIŽ?? ?s?U A??G??wGYI ?SŽ?uE dG IADŽ?GE sYIŽ uŽĐAu EG|GužDwGYI Đ?ŽDG??G?? ??ĐS A? uAYE ??G ĐuAYsYO ĐŽusĐG??
- ▶ G|GužDwGYI ĐA?YIG?? ?SŽ?uE ?SA?G ISG Ž?ID?I? ŽI A ?s?U A??G??wGYI ? sIS uŽĐAu A?ISŽ?sIsG? AYE? sIsY G?s?IGYDG? Đ?Ž|sEG A ĐGYI?Au EAIAdA?G ? sIS IsYEsYO? Au?Ž?
- ▶ G|GužD AYE ?I?GYOISGY ĐŽusĐ? ISAI GYĐŽ??AOG? sWĐ?Ž|GE s|IG?AB?? ? dGI? GGY YAlSŽYAu AYE uŽĐAu uG|Gu? ŽY ISG ??duGDI ŽI ?s?U A??G??wGYI?
- ▶ >GA?Y uG??ŽY? I?Žw D W// sY AYOUAEG?S ?GOA?EsYO ISG ?IAYE?Es?AIsŽY? ŽI ĐŽww?YsI? ?s?U A??G??wGYI?
- ▶ ?sLE ISG ĐADADsI?IŽ ĐA?? ŽI ĐŽwĐ?GSGY?s|G A??G??wGYI ŽI ?s?U IŽ ??ĐDŽ?I ĐuAYsYO AYE EGĐs?sŽY-wAUsYO d? OŽ|G?YwGYI AYE YŽY OŽ|G?YwGYI AOGYEs??
- ▶ Es??GwsYAlSŽY ?I?AIGO? IŽ? ?ĐsGYIsIĐ AYE YAlSŽYAu uG|Gu EIA ? Es?A?IG? AYE ĐuswAIG ?s?U? AYE wAYAOGwGYI s? YGDG??A?? IŽ G??D AYE GYĐŽ??AOG ?IAUGSŽuEG?? sY ISGs? E?IsG? IŽ I?AY?IG? UY Ž? uGEOG? uŽ? ?ĐDŽ?I ISG ?IAsuAduG? ŽI ?ĐsGYIsIĐ sYIŽ?wAIsŽY ISAI s? AĐDG??sduG? GA?? IŽ ?YEG??AIs AYE wA? ?ĐDŽ?I ĐŽww?YsIsG? sY wAUsYO EGĐs?sŽY? ?GuAIGE IŽ EG|GužDwGYI sY ISG? A?GA??
- ▶ ^?ĐDŽ?I ?G?GA?ĐS sY?IsI?IG? A? Đ?Ž|sEG?? ŽI sYIŽ?wAIsŽY ISAI SGuĐ usYU EsIIG?GYI ?IAUGSŽuEG?? IŽOGISG??
- ▶ G|GužD ĐuGA? ĐŽusĐ? AYED?ŽIŽE? ŽY EAlA ?SA?SYO? wGDSAYS?w s? YGGEGE IŽ? ĐŽww?YsĐAlSŽY AlYAlSŽYAu? ??d YAlSŽYAu AYE uŽĐAu uG|Gu? Đ?uI?G ŽI sYIŽ?wAIsŽY ?SŽ?uE dG EG|GužDGE IŽ ?SA?G ? sIS GYE-??G?? AYE ŽdIASY IGGEdAĐU ŽY ISG Đ?ŽO?G?? ŽI ??AOG?
- ▶ /YIŽ?wAIsŽY w??IdG Đ?Ž|sEG? d? ISG YAlSŽYAu sY?IsI?IsŽY? IS?Ž?OS EAlA ĐADUAOG?? , s?Ž?ĐAu EAlA ?SŽ?uE dG wAEG A|AsuAduG AYE EAlA ?SŽ?uE dG ?ĐGDsIĐ IŽ ISG ĐŽww?YsI? EGĐs?EsYO ŽY ISGs? us|GusSŽE? GE?ĐAlSŽY AYE ĐADADsI??

6.5: Financial resources at the local level for CBDRR-CBA

- ▶ Y???G ISAI A Đ?ŽDŽ?IsŽY ŽI ĐAuAmsI? I?YEsYO s? AuuŽDAIGE IŽ? uŽYOG? IG?w ?s?U ?GE?ĐIsŽY?
- ▶ EAlSŽYAuG|G?YwGYI? IŽ Đ?Ž|sEG IA? sYĐGYIs|G? GYĐŽ??AOSYO AĐIsŽY? ISAI A?G ĐŽYE?Đs|G IŽ ISG ?GE?ĐIsŽY ŽI ?s?U?
- ▶ dSG uŽĐAu OŽ|G?YwGYI ĐuAYsYO AYE d?EOGIsYO Đ?ŽDG?? ?SŽ?uE sYĐuPEG ?s?U AYAu??s? AYE G|Au?AlSŽY?
- ▶ Y???G uŽĐAu d?EOGIsYO Đ?ŽDG??G? sYĐŽ?ĐŽ?AIG ZZ AYE ? AYE d?suE ISG YGDG??A?? A? A?GYG?? AYE ĐADADsI? IŽ ??ĐDŽ?I IsS??
- ▶ YĐŽ??AOG ISG EG|GužDwGYI ŽI w?ulsĐuG ?IAUGSŽuEG? uŽĐAu I?YEsYO ?I??ĐI??G? sY ??ĐDŽ?I ŽI ĐA?IsĐsĐAIŽ?? d?EOGIsYO Đ?ŽDG??G??
- ▶ WŽwŽIG ĐŽŽDG?AlSŽY ? sIS ISG Đ?s|AIG ?GDIŽ? ĐŽ?ĐŽ?AIG ?ŽĐsAu ?G?ĐŽY?sdsusI? Đ?ŽO?AwwG? ? sIS ?G?ĐGDI IŽ ZZ AYE ?

6.6: Synchronization of CCA and DRR at the local level

- ▶ &ŽD?? ŽY Đ?Ž?ĐGDIs|G AYE ĐŽ??GDIs|G ?S?U wAYAOGwGYI? ? S sĐS ĐAuI? IŽ? ISG d?suEsYO ŽI YG? ĐA?YG??SsĐ? AI ISG uŽĐAu uG|Gu?
- ▶ Strengthen risk assessment, incorporating disaster and climate risks, as a basis for decision-making.
- ▶ ?IAduS?S ĐuGA? sY?Is?SŽYAu AYE ĐŽusĐ? I?AwG?Ž?U ŽY ZZ AYE sYIGO?AlsŽY?
- ▶ ?sLE ĐŽŽĐG?AlsŽY dGI? GGY ^K? AYE uŽĐAu OŽ|G?YwGYI? sY AE|AYĐsYO ISG AOGYEA ŽI sYIGO?AIGE ZZ- ?
- ▶ Develop joint funding mechanisms for both DRR and CCA.
- ▶ Provide joint training, meetings and other opportunities for disaster and climate change practitioners.
- ▶ Strengthen existing multiple stakeholder institutional arrangements at the local level for DRR to accommodate CCA (rather than establishing new parallel arrangements).
- ▶ Create awareness and will among local government bodies, NGOs and other implementing parties for DRR-CCA integration.
- ▶ Develop skills and leadership among local government and NGOs for furthering CCA-DRR integration.
- ▶ ^I?GYOISGY uŽĐAu OŽ|G?YAYDG ĐADAdsusIsG? IŽ swĐuGwGYI ĐŽw?Y?ĐA?GE sYsIsAls|G? IS?Ž?OS O?GAIG? ĐA?IsĐsĐAlsŽY? ĐA?YG??SsĐ? AĐĐŽ?V AdsusI?? ĐAY?ĐA?GYĐ? AYE ISG EG|Žu|sYO ŽI ?G?ĐŽY?sdsusIsG? IŽ ISG uŽ? G?I AĐĐ?Đ?S?G uG|Gu?
- ▶ ^I?GYOISGY uŽĐAu ZZ- ĐADADs? S?Ž?OS Đ?IsYO sY ĐuADG uGos?uAlsŽY AYE ĐŽusĐsG? IŽ? ĐŽŽ?EsYAlsŽY? Y???G ISAI ISG uŽĐAu ĐŽŽ?EsYAlsŽY wGĐSAYS?w? ?Ž?U ;ISG? wGGI ?GO?uA?u?? E?A? ?Đ ?Ž?U ĐuAY?? wAUG I?EsYO Đ?Ž?Is?SŽY?? swĐuGwGYI ?Ž?U ĐuAY? AYE wŽYsIŽ? ISG Đ?ŽO?G????

6.7: Effective community engagement with local development processes

- ▶ Document and communicate best practices and incentives to show case how community and local government stakeholders could work in partnership.
- ▶ Local communities and civil society groups need to be supported to become organised and mobilized so as to increase their collective voice in local development.

First Draft

ZGIG?GYDG?

;????? ů?syO ISG ' AÐ?? s?A?IG? Zs?U ZGE?ÐIsŽY AYE EADIAIsŽY IŽ uswAIG SAYOG sY G|GuŽDsYO Ž?Y?Sg?? ^? GEGY? Žwws??sŽY ŽY uswAIG SAYOG AYE G|GuŽDwGYI

AW , K ;????? ZGOSŽYAu >G??ŽY >GA?YsYO t Ž?U?SŽD ?^{1S} AW , K ÐIsŽY WAY sY ^Ž?IS ?SA? dSGwG ? – ZGDusDAIsŽY ??AIGO?? ÐSAuuGYOG? AYE ŽÐŽŽ?YsIsG? Ž? dSGwG ?– IIGÐIs|G sYÐu??s|G AÐÐ?ŽAÐSG??

Y?Ž? :? ;????? EAlsŽYAu /Y?IsI?IsŽY? IŽ? Žww?YsI? A?GE EADIAIsŽY? W?AÐsDAu ÐIsŽY EADIAIsŽY t Ž?U?SŽD ????? AÐUO?Ž?YE ?sGIsYO EŽIG? h<? W?AÐsDAu ÐIsŽY

Y?Ž? : AYE G?OG? Z? ;????? ' Ž|G?YAYDG IŽ? Žww?YsI? A?GE EADIAIsŽY? W?AÐsDAu ÐIsŽY s?Ð??sŽY WADG??h<? W?AÐsDAu ÐIsŽY

' E Z ;????? s sG?? I?Žw ISG I?ŽYlusYG? ůDAu ÐG??ÐGDIs|G ŽI Ð?ŽO?G?? IŽ? A?E? swÐuGwGYIAIsŽY ŽI ISG , ?ŽOŽ &?AwG? Ž?U IŽ? ÐIsŽY? ů?E? d?I u?IsG ?AsY? DGEEsYOIŽY? h<? ' ůdAuE GI?Ž?U ŽI s|su ^ŽDsGI? K?OAYs?AlsŽY? IŽ? s?A?IG? ZGE ÐIsŽY

' E Z ;????? s sG?? I?Žw ISG I?ŽYlusYG? /I? G EŽ YŽI ůŽsY SAYE?? dGEsYOIŽY? h<? ' ůdAu E GI?Ž?U ŽI s|su ^ŽDsGI? K?OAYs?AlsŽY? IŽ? s?A?IG? ZGE ÐIsŽY

/^ d ;GE?? ;????? ?sAY sIsG? uswAIG SAYOG ZG?susGYEÐ EG? Ž?U; ZE??ZG?ÐŽYEsYO IŽ ISG ??dAY ÐuswAIG ÐSAuuGYOG? ŽuŽ?AEŽ? ŽŽUGIG? &Ž?EAlsŽY

W?AÐsDAu ÐIsŽY ;????? dSG AEADIs|G u?GusSŽZE I?Aw?? Ž?U? Ð?IsYO ÐŽYDGDI? sYIŽ Ð?ADIsDG? s??ŽO E s|A?AY ^GD?GIA?SAI AYE W?AÐsDAu ÐIsŽY /YEsA? WAUs?IAY AYE ^?s >AYUA

W?AÐsDAu ÐIsŽY ;????? ZG?susGYE sY Ð?ADIsDG? W?O?AwwG d?sGIsYO ÐAÐG?? Z?Od?? h<? W?AÐsDAu ÐIsŽY

ZGsE, ? AYYŽY d? G?OG? Z? Aw D ? AYE D susOAY ;GE?? ;????? W?AÐsDAIŽ?? >GA?YsYO AYE ÐIsŽY ??? Žww?YsI? A?GE EADIAIsŽY IŽ uswAIG SAYOG? >ŽYEŽY? //

hE W;????? Ž?Y IŽ GA?S? dG??sŽ?sAu AÐÐ?ŽAÐS IŽ ÐuswAIG ÐSAYOG? ' ?GGY? ůŽ? -Gws??sŽY AYE ÐuswAIG?G?susGYI EG|GuŽDwGYI ??AIGOsG? AI ISG ??d-YAIsŽYAu uG|G?E G? ŽŽ?U?hE W

hE/^ Z ;????? ' ůdAu A??G??wGYI ?GDŽ?I ŽY Es?A?IG? ?s?U ?GE?ÐIsŽY? Zs?U AYE ÐŽ|G?I? sY A ÐSAYOsYO ÐuswAIG? ' GYG|A? hYsIGE EAlsŽY?

hE/^ Z ;????? >ŽDAu OŽ|G?YwGYI? AYE Es?A?IG? ?s?U ?GE?ÐIsŽY? ' ŽZE Ð?ADIsDG? AYE uG??ŽY? uGA?YGE? ' GYG|A? hYsIGE EAlsŽY?

hE/^ Z ;????? ' ůdAuA??G??wGYI ?GDŽ?I ŽY Es?A?IG? ?s?U ?GE?ÐIsŽY? ZG|GAUsYO ?s?U ?GEGIsYsYO EG|GuŽDwGYI? ' GYG|A? hYsIGE EAlsŽY?

hE/^ Z ;????? dŽ? A?E? AWŽ?I ???? &?AwG? Ž?U IŽ? s?A?IG? Zs?U ZGE?ÐIsŽY?

hE/^ Z? hE W????? s?A?IG?Zs?UZGE?ĐIsŽY AYE uswAIG SAYOG EADIAIsŽY sY ISG WADsĐ?
Y /Y?Is?IsŽYAu AYE VŽusĐ? YAU??s?? ^?|A? &us? hE/^ Z? hE W??ĐĐ?

First Draft