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INTEGRATED PROTECTED AREA CO-MANAGEMENT (IPAC)

PROCEEDINGS OF THE DISTRICT LEVEL WORKSHOPS ON DISSEMINATION OF GOOD PRACTICES IN FISHERIES SECTORS (TANGAIL)

August, 2010

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MYcRvZšy ersj vř` k mi Kvi
řRj v grm" KgRZñ ` Bi
UvřvBj



UvřvBj řRj vř AbjôZ “Dissemination of Good Practices in Fisheries Seector”
kxl R KgRvj vi we`wii Z côZře` b

mPcÎ

wel q	cÔv
fîgKv	1
cwêÎ tKvi Avb †_†K wZj vl qvZ	1
~wMZ fvIY	1
gj cêÛ	4
IPAC Gi fîj wkLb Dc~vcbv	5
†gvnbMÄ Kvhp††gi Dc~vcbv-1	5
†gvnbMÄ Kvhp††gi Dc~vcbv-2	5
UwzvBj †Rj vi fîj wkLb Dc~vcbv	6
gj³ Av†j vPbv	7
w†kl AwZw_i e³e"-1	8
w†kl AwZw_i e³e"-2	8
câvb AwZw_i e³e"	8
mfvicwZi e³e"	9
Dcmsnvi	10

FigKv

Lp woku AZtZ evlyj x mgvR wpti i GKwU cew` wQj OtMjv v fiv avb, tMqvj fiv Mi" Avi cKi fiv gvOj AvR Mi" Avi avb mautK© cew` wU wKQjv ntj l mZ` wKŠ` wej β ntZ etmtQ gvQ | Awik l beYB Gi ` ktk thLvtb i ayckfi gvQ Pvl wbtq e`vcK cPviYv Pjv vtbv ntqtQ | ZLtbv Avgiv wPŠv Kwv wv Avgvt` i wecj cwi gvY Af ŠiY Rj R maut` GKw` b uguk i m` g`xb nte, gvQ kb` ntq cotq, fig ` m` i nrtZ Pj hvte | cKwZ l gbl` mō KviY thgb- cuj Rgv nl qv, Rj vkq fivU Kiv, G RvZxq KgRvtU GKw` tk thgb Rj vktqi AvqZb Ktg hvte"Q ; Ab`w` tk AwZwi³ grm` AvniY, wbePrti wWglqvj gvQ l tcvbvgvQ wbab, ¶wZKi Rjv e`envi Kiv, Gme KviY Avgvt` i gP Rj vktqi grm` maut` `Z tkl ntq hvte"Q | ZvB AvR Avgvt` i Rj vkq cpi"xvi Kivi gZ c` t¶c MhY KiZ nq | A_ w Avgiv Avgvt` i KivR ht_vchp mgtq KiZ m¶g nB bv A_ev Avgiv Avgvt` i fvel`Z wbtq ZZUv fwebv hZUv eZgvtK wbtq fwe | Zte Avkvi K_v ntjv wej t^ntj l Avgiv Avgvt` i Dcj wätZ wdti AvmtZ tcti wQ | ZvB mi Kvi, RbMYmn mKj `fi i gubj AvR GwMtq AvmtQ Zvt` i tmB j β tMSi e wdw tq AvbtZ, cKi, Rj vkq, b`x meLvtb gvtQ cwi cY` t` LtZ | GiB avivewnkZvq grm` Aw`Bi Af ŠiY gP Rj vktq Avevm`j cYi"xvi mn Rj R Rxe`wP i ¶vt` wvrfbaKgmP MhY KiZQ | G KvR mnthwMZv KiZQ IPACmn Ab`vb` ms`v | Avi G KgRvj v ZviB cÖZdj b | eZgvt MYZwŠK mi Kvi Zvt` i wfk b-2021 tNvYv KtiZQb | tmB wfk b-2021 Gi j ¶g v ARfb i Rb` chp` i chw c tqvRb hv Avgvt` i nrtZB AvtQ | AvR t`tki RbmsL`v cÖq 16 tKwU hv 2021 muj bMw` teto nte cÖq 34.95 tKwU (AbygZ) | tmB AbygZ RbmsL`vi gvtQi Pwn`v tgUv bvi `wqZ; Avgvt` i B wbtZ nte wKŠ` tmUv Kxfvte ? i ayex Rj vktq gvQ Pvl i gva`tg tm Pwn`v tgUv bvi mae bq tKbbv ex Rj vkq wtkl Kti cKfi gvQ Drcv` tbi nvi eZgvtb ht_ö cwi gvY ewx tctqtQ hv Avi Lp tekx evovtv mae bq | ZvB cÖKwZK Rj vkq Z_v nvl i- evl o , b`x , wej -wSj Ges creb figtZ gvtQi Drcv` b e`vcK nrti evovtZ nte Ges Glv mae tKbbv evsj vt` tki Af ŠiY Rj vktqi kZKiv cÖq 88 fMB gP Rj vkq (b`x, nvl i , my` i etbi Rj vfig, wej , KvBv tj K Ges creb fig) | ZvB cÖKwZK Rj vkq , tj v cÖqvRtb gvQ Pvl i Avl Zvq AvbtZ nte Ges cÖZUw gP Rj vktq grm` Avevm`j Dbqbm Afqvktg `vctbi Dt` wM wbtZ nte |

cweT tkvi Avb t`tk wZj vl qvZ

cweT tkvi Avb t`tk wZj vl qvtZi gva`tg Abp`v i i" nq | tkvi Avb wZj l qvZ Kti b Kvj tti U Rvtg gmiRt` i tck Bgvq nrtDR tgv tmKv` vi Avj x |

`wMZ e³e`

Abp`v t` wMZ e³e` c`vb Ktib Rbve tgvnvaš tiRvDj Kwig, tRjv grm` KgRZP, UvlyBj | wZwb "Dissemination of Good Practices in Fisheries Sector" kxl R G KgRvj vi m`šnbZ mfvwZ, UvlyBj tRjvi tRjv cKvmb Rbve Gg eRj j Kwig tPšajx, chw AwZwa MYcRvZŠx evsj vt` k mi Kvti i grm` l cÖYm aut` gšYj tqi gvbbxq mipe Rbve tgv kidj Avj g, wtkl AwZU_ grm` Aw`Bti i m`šnbZ gnvcwi Pj K Rbve tgv Avāj Ltj K, wtkl AwZU_ grm` l cÖYm aut` gšYj tqi Dcmipe Rbve tgv i wKj Bmj vg, grm` Aw`Bti i D`Zb KgRZP, IPAC cKfi i KgRZP, tRjv cKvmb, cuj k cKvmb Ges tRjv chwqi wvfbewvvtMi KgRZP, DctRjv wbehx Awdmvix, wwkó ivRbmZw` l cÖ³ b msm` m`m` Rbve tgv dRj j ingvb dvi "K, wöU l Btj KUwbK wgvWqv mvsaw` Kex, wvfbwDctRjv ntZ AvMZ BDwqb cwi l t` i tPqvi gvbe, `vbxq MY` gvb` e`w³ eM` grm` Rvex l grm` Pwv cÖZwbae, GbwrI Gi KgRZP, UvlyBj tRjv grm` wvvtMi mnKgRZP l mpx gÜj xmn mevBtk KgRvj vq `wMZ Rvwb | wZwb Rvwb th, G KgRvj vq t`tki KtqKwU `vte grm` maut` msi ¶Y l m`chw iY th mKj fvj wLb AvtQ Zvi KtqKwU Dc`wvZ nte | cikvcwk UvlyBj tRjvi wvfbwDctRjv tm mKj fvj wLb AvtQ Zvi l KtqKwU Dc`wvZ nte |

UvzvBj tRj vi cik w`tq c`vinnZ n`Q hgbv b`x | G tRj vq itqtQ tgvU 30 wU b`x, 126wU Lvj, 409wU wej, 257wU cvebfwg, 40685 wU miKwi temiKwi cKti I w`Nx| gvtQi tcvb Drcv`tbi Rb` miKwi ch`q 2wU Lvgti itqtQ| temiKwi ch`q 8wU Kvc`n`vPwi I 565wU bvmwi itqtQ| GQovov Mj`v wPswoi wGj Drcv`tbi Rb` temiKwi ch`q GKwU Mj`v wPswoi n`vPwi itqtQ|

cvebfwtZ gvQPvl

wZwb Rvbvb th, UvzvBj tRj vq cveb figtZ cwi Kwí Z Dcvtq gvQ Pvtl i gva`tg Drcv`b ep`x wecj m`ebv itqtQ| BtZvgt`B grm` Aw` Bti i mnvqZvq weifb`DctRj vq cveb figtZ gvQ Pvl Kvhp`g Pj gvb AvtQ| cveb figtZ gvQ Pvtl i dtj t`kx cRwzi gvQ msi w`qZ n`Q Ges gvtQi Drcv`b ep`x cvt`Q| GKB mt`_ H mKj cveb figtZ grm` msi w`qY AvBb j sNb tiva n`Q|

Afqtq

UvzvBj tRj vq AvtiKwU mdj D`vM n`Q Afqtq w`cb| GLvtb tRj v c`kvm`bi t`vY Znvej Ges DctRj v cwi l` i Aw` R mnvqZvq 13 wU Afqtq c`Z`v Kiv n`qtQ| H mg`-Afqtq w`cb v`vq fite wej Bc`q AtbK cRwz cpi wef`e n`qtQ| wZwb Avtvl etj b th, t`tki mKj A`Atj th mKj Rj gnvj BRiv t`qv nte tmLvtb BRivi kZ`vntmte h` BRiv v`i t` w`R D`vM Afqtq w`cb v`vq D`j w`vK Zvntj wej Bc`q AtbK gvtQi cRwz i w`qY cvte Ges mwe`f`vte gvtQi Drcv`b ep`x cvte|

wPZtj i tcvb Drcv`b

UvzvBj tRj vq KtqKwU e`wZ`ugag`D`vM itqtQ| GLvtb grm` Aw` Bti i mn`thwMZvq NvUvBj DctRj vq wPZtj gvtQi tcvb Drcv`b I Pvl n`Q| UvzvBj tRj vi cikvcwk cikp`Z`weifb`w`Rj vqI G gvtQi tcvb we`uq n`Q| G Qovov gacj DctRj vq t`kx wks gvtQi tcvb w`f cwi gvtb Drcw`Z n`Q| g`v`v`m` tZj w`cqv, w`BcvsMvm Pvl Kti I grm`PwU MY j v`f`evb n`Q`b|

wej bvmwi

u`gvMZ b`xi bve`Zv Ktq hvl qvq Ges Lvj, wej, cvebfwg fivU n`q hvl qvq c`KwZK fite gvtQi tcvb Drcv`bmn gvtQi Drcv`b e`nZ n`Q| Avev`j Db`q`b c`Kt`i i gva`tg KtqKwU Rj vktqi Avev`j Db`q`b c`v`e Kiv n`qtQ| Avev`j Db`q`b Kiv ntj H mKj Rj vktq t`kx cRwzi t`vU gvtQi cRbb I Drcv`b ep`x cvte| b`x, Lvj, wej i Mfxi Zv Ktq hvl qvq c`KwZK fite Drcw`Z KvcRvZvq gvtQi tcvb cvebfwtZ c`ek Ki`Z cvitQ bv| ZvB cvebfwtZ wej bvmwi w`cb Kti tmLvtb KvcRvZvq gvtQi tcvb Drcv`tbi gva`tg cvebfwtg gvtQi Drcv`b ep`x i D`vM tbqv n`qtQ|

wPswoi c`k`k`x

evsj v`t`ki Mj`v wPswoi cu`lexi gta` me`nr cRwz Ges m`v`w`y mvi v we`tkB Gi K`i AvtQ| GuU GKwU High Value Crop Ges A`SR`wZK evRv`i c`Pi Pwv`v AvtQ| cvkvcwk t`tki Af`S`fi I Gi evRvi itqtQ| G mKj we`l`q`K mvg`tb ti`l UvzvBj tRj vq Mj`v wPswoi Pvl ep`x i D`vM tbqv n`qtQ| w`v`y`c`v`bi wPswoi Pvl m`c`h`vi Y c`Kt`i i gva`tg BtZvgt` 50 Rb PwU t`K Mj`v wPswoi bvmwi e`e`v`cbv Ges wPswoi Drcv`b we`l`q` c`k`w`qY c`v`b Kiv n`qtQ| NATP c`Kt`i i gva`tg weMZ eQi cix`w`v`g`j Kfite KtqKwU c`k`k`x Lvgti Mj`v wPswoi Pvl A`S`f` Kti Avkve`AK dj v`dj cvl qv w`l`q`q| eZ`g`v`b A`e`rm`ti NATP f`3 8wU DctRj vq 30wU c`k`k`x Lvgti Mj`v wPswoi gRj Kivi D`vM tbqv n`qtQ| G Qovov miKv`i i cvkvcwk temiKwi ms`v Winrock Zv`i Enterprise for

Poverty Alleviation Project Gi gra'tg 4w Dc'Rj vq Pwl t' i tK c'k'qY w' t'Q Ges c' d' k'x Lvgrv' 'vcb K'ti w'Psw Drcv' b ep'xi c'wi K'í bv w'bt'q'Q| Avkv Kiv hvq Mj 'v w'Psw Drcv' t' b Avkve'ÁK dj cvl qv hv'te|

w'Zwb grm' Awa' B'ti i Avne'tb m'vov w' t'q ' t' i v's-t' t'K Kó K'ti G Kg'Rvj vq Dcw'Z n'tq Kg'Rvj v'tK m'vdj 'g'u'Z Kivi Rb' Dcw'Z m'Kj t'K Av's'wi K KZÁZv I ab'ev' Rvb'v| m'y' i f'v'te Ab'p'v Ab'tqv'Rb m'ú'ba'K i t'Z m'n't'hw'MZvi Rb' t'Rj v c'k'vm'Kmn Zui Aaxb' K'g'RZ'K'g'P'v i t'K KZÁZv I ab'ev' Á'vcb K'ti b| grm' Awa' B'ti i g'nv'c'wi P'vj K g't'nv' q KóK'ti G Kg'Rvj vq Dcw'Z n'tq w'e't'Kl Aw'Zw_i Avmb Aj s'KZ Kivq g'nv'c'wi P'vj K g't'nv' q't'K Av's'wi K KZÁZv Á'vcb K'ti b| g'v'bb'xq m'w'Pe g't'nv' q Zui k'Z e'v'Zvi g'v't'SI mgq K'ti Ges Kó K'ti 'x'N'E_ Aw'Z'p'g K'ti G Kg'Rvj vq Dcw'Z n'tq m'Kj t'K Drm'w'N Z Kivq g'v'bb'xq m'w'Pe g't'nv' q't'K Zui e'v'Z'v'Z'Zi d' n't'Z Ges Dcw'Z m'K'tj i c'q' t' t'K Av's'wi K KZÁZv I ab'ev' Rwb't'q Ges me'v'bt'K Ave'v I Ab'p'v'tb 'v'MZ Rvb't'q w'Zwb Zui e'v'e' t'kl K'ti b|

Dissemination of Good Practices in Fisheries Sector” k'x' l' Kg'Rvj w'i Aw'Zw_e'g'



Qwe'tZ c'á'vb Aw'Zw_ Rbve t'gvt ki d'j Avj g, g'v'bb'xq m'w'Pe, grm' I c'á'Ym'e'ú' g's'ý'v'j q (g'v't'S) I m'f'v'c'w'Z Rbve Gg e'Rj j K'wi g t'P's'aj x, t'Rj v c'k'vm'K, Uv'z'v'Bj (W'vb w' K t' t'K Z'Z'x'q) G'ii m't'z g't'Á Dc'w'e'ó Av't'Qb Aw'Z'w'í' c'uj k m'c'vi, Uv'z'v'Bj, grm' Awa' B'ti i g'nv'c'wi P'vj K Rbve t'gvt Ave'j Lv'tj K, grm' I c'á'Ym'e'ú' g's'ý'v'j t'q'í Dc-m'w'Pe Rbve t'gvt i w'd'Kj B'nj v'g, w'e'w'k'ó i v'R'b'm'Z'w'e' I m'v't'K Gg w'c Rbve d'Rj j i ng'vb L'vb d'v'i "K Ges t'Rj v grm' K'g'RZ'P'Rbve t'g'v'v'e's' t' i R'v'Dj K'wi g|

IPAC Gi fvj wklb Dc-vcbv

Wt ivg kgp, #Wcyl Pxd Ae cwU, IPAC Zui e³te mgvBKZ MACH cKtí i mvdj Ztj atib Ges Gi AwfÁZvtK KvR j wMtq IPACGi Kvhþug Kiv nte etj Rvbvb | wZwb IPACGi cwiva I Gi bmxZgvj v cŸqb, Kg⁹cwi Kí Yv cŸqb, Aveim-j Dbqb, AeKvWvtgMZ Dbqb, Aveim-j cpi "xvi, nuKvj wK nvl i I Uvzpyi nvl i Gi Kvhþug MhþYi K_v etj b| Wetland Gi ckvcmk ebfigtK i Ÿvi cŸqvRbxqZv Ges mn-e⁻vcbvi gva'tg mKtj i AskMhþY cŸkuzK m^ut i weivRgvb mgm'v wPrýZ Kti Zvi wfwÉtZ msi ŸŸY I e⁻vcbvi cwí Kí bv KtZ nte etj gše Ktib|

wZwb Zui e³te IPACGi Kvhþug ev⁻evqtb miv t' ktk 16wU tRjv I 5wU AAtj fivM Kiv ntqtQ etj KgRjvq Rvbvb | mKj Kvhþug gwnj vt' i mskéZvi K_v etj b Ges gvP cKí ev⁻evqtbí dtj gvQ Drcv`b, Avq I Rxe%wPí Gi cŸvtei K_v Ztj atib | cŸPwU K^vvti i gva'tg IPAC mn-e⁻vcbv `j (wM Gg wM) Avex I Dbþ³ AAtj cŸZtekMZfvte mskUvcwGj vKv, RvZxq D`vb , eb`cŸY Afqvi Y` I tMBg wi RvF`BZ`w i Rxe%wPí, m^u` msi ŸŸY I e⁻vcbvi Rb` KvR KtQ | GQvovl cKí Gj vKvq `vbxq Kgfm^uv` tbi gva'tg Rxb RxeKvi Dbqb I cŸkuzK m^ut i mpy e⁻vcbv Z_v Rxe%wPí msi ŸŸYi j tŸ IPAC cKí wU KvR KtQ | wZwb IPACGi Kvhþug ev⁻evqtb mi Kwi KgRZPí me⁹ti i Rbmvari tbi mnthwMZv Kvgv Ktib|

tgvnbMþÄi Kvhþug Dc-vcbv-1

tbTtKvbn tRjvi tgvnbMÄ DctRjvi fvj wklb Dc-vcb Ktib Wt tgvw qvR Dwí b mi Kvi, wmbqi DctRjv grm` KgRZP, tgvnbMÄ, tbTtKvYv| wZwb Zui e³te mvgg`K, Af`š+xY gþ Rjvkq I cKti gvQ Pvti i tm±il qvix Drcv`b Ztj atib | wZwb etj b Af`š+xY gvQ Drcv`b 2002-2003 mvtj SmKcY`chŸq Ktg tMtj I eZŸvtb Zv Avei ewx cŸtQ| Gi KviY wntmte wZwb gþ Rjvkqti wefwbKvhþugi K_v etj b | tgvnbMþÄi mwweR Z`w` Ztj aivi mvt_ mvt_ grm` Drcv`b Ktg hvl qvi KviY, tjv Dtj Lemn wZwb grm` Drcv`b ewx i wefwbDcvq Dtj L- Ktib|

tgvnbMÄ DctRjvi nvl ti gvQ Drcv` tbi mvdj`i wQtb DxpKiY cŸpqtK meŸtq , iæZcY`etj gše Ktib Ges AvBvb cŸpqt cŸqŸMi tŸtq DxpKiY KgfmP tekx dj cŸn-etj Dtj L-Ktib |

wZwb etj b grm` AvBb m^utK`RbMY, QvT-QvT`x, grm`Rixex, Avbmvi I wfiWvc m`m` i AewNZKtYi gva'tg fvj dj cvl qv wMtqtQ| wZwb Zui DctRjvi G mvdj` ARþb DctRjv wbeŸx Awdmvi, Rbve KvRx Avte` tnvmb Gi meŸZK mnthwMZv evi evi `Ÿi Y Ktib|

Gme Dt`wM MhþYi dtj wej þ cŸq gvŸi cŸc`Zv tetotQ, Drcv`b 3/4 MY ewx tctqtQ, grm`Rixet` i gvŸS grm` m^u` msi ŸŸY I Dbqtb mŸPZbZv ewx tctqtQ, grm`Rixet` i Avq ewx tctqtQ| wZwb AfqvkŸy `vcb, b`x-bjv, Lvj I cŸebfugi mvt_ msthwM `vcb, tcvbv Aegþ Ki Ymn Avtiv wefwbemcwi kgvj v tck Ktib| Rj gnvj BRvi mspvš-KvR mgevq KgRZP m`m` miPe ivLvi cwí etZ`DctRjv grm` KgRZvtK m`m` miPe Kiv hvq wKbv tm m^utK`miPe gtnv` tqi `wó AvKIŸ Ktib |

tgvnbMþÄi Kvhþug Dc-vcbv-2

Rbve KvRx Avte` tnvmb, DctRjv wbeŸx Awdmvi, tgvnbMÄ, tbTtKvYv Zui e³te gvQ Drcv`b Ktg hvl qvi Kvi Ymgn e`vL`v Ktib Ges grm`Rixet` i eZŸvtb Ae`v Ges cŸwYR Awgtl i Pwn`v tgUvtZ Zvt` i , i`Zi Dtj L- Ktib| RbMYtK DŸx Kti tKvb AwL`R ŸwZmvab QvovB tmŸŸtŸ mdj Zv AvbtZ mŸŸg nb | BDwqb cwí t` i

mfv,tjvtZ gvnj vt` i m^u3KiYi K_v etj b | bvgvtRi ci gmiRt` mtPZbZvgj K K_v ejv KvhRix Dt`vM etj Dvj L-Ktib | DctRjvi mvdjt`i KvhRi c`tqjvtjvi K_v Dvj L-Kti wZwb etj b cvebfngtZ grm` AvniYtk wbfmvinZ Kitz weKí Kgm^s-vb wntmte 100 Rb Kti m`m` wbtq 0D3/4j tgvnbMÁ0 bvtg GKwU mwguZ MVb Kiv ntqfQ| 7/8 gvm mÁtqi A_`ntZ cieZtZ webv mjt` FY MhY Kti grm`Rxt` i AvZKgm^s-vtbi mthvM mwó ntqfQ | eZgvtb tmLvtb G aitbi 56wU mwguZ itqtQ| RbMtYi mgm`vmgñ ckvmb I RbcZwbat` i eStZ nte Ges tm Abhvqx Dt`vM wbtZ nte etj gZ cKvk Ktib | tKvb AvBtbi Avktq MhY bv Kti I AtbK `i`ZcyKvR Kiv m^e etj wZwb gtb Ktib |

Uv1/2Bj tRjvi fvj wkLb Dc`vcbv

teMg kebg tgv`wx, DctRjv grm` KgRZP, fTvcj, Uv1/2Bj my` i I mvej j fvtè Zvi DctRjvi 2wU fvjtjv wkLb Dc`vcb Ktib | Afqvkq `vctb RbMtYi AskMhY Ges Zvt` i gva`tg e`e`vcbvi Dt`vM MhYmn Afqvkq `vctbi wefbrempj I Zvi fvel`r cwíKíbv Ztj atib| weKí Kgm^s-vtbi mthvM Kti w`tq mvgwRK Dbqtb fvgKvi K_v etj b | wZwb Afqvkq `vctbi dtj `vbxqfvtè vej bcDq KtqKwU cRwZi cbiwfvtèi K_v Rvovb |



Rvj epb Kgm^sPxi gva`tg gvnj v grm`Rxt` i weKí Kgm^s-vb



gyB Avtj vPbvcte^{e3e} i vL tQb Rbve tK Gg Ave`j I qv`y , DctRj v vbe^{fnx} Avcdmvi , f-Tvcj , Uv/vBj
 gyB Avtj vPbv

- Dc`vcbv tk tI gyB Avtj vPbvq D t j E^{hM} mSL`K AskMhYKvix e^{3e} i v tLb | AskMhYKvi xMY weirfbemgm`v Ztj at i b Ges
 Zvi mgvavtbi Rb` m iPe gtnv`tqi m`q`w0 AvKI⁹ Kti b | tm`tj vi wKQymcwi k vbtgd t j E-Kiv ntj v t-
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- * Rj gnvj BRviv c0vtbi t¶¶t cKZ grm`Rixt` i mvt_ grm`Pwl t` i Ašf³ Kivi mpcwi k Kiv nq tKbbv AtbK GjvKvq cKZ grm`Rix mvgwzi t¶¶q mi Kvix Rj gnvj i msL`v tekx_vKtj Zv BRviv c`v`v mgm`v nq |
- * m we G MVtbi t¶¶t cKZ grm`Rixt` i m`u³ KiZ ej v nq |
- * LvRbvi cwi gvY uba¶¶Y Kw Rvqi t¶¶t 1 UvKv Avi gvQ P¶¶i t¶¶t 15 UvKv | G mgm`v`xKi¶¶Yi e`v`v MhY Kiv |
- * Lv`Zwi t¶¶t 00vgUtevb0 Gi wei xZv wY¶¶qi e`v`v wbtZ c¶¶qvRbxq D¶¶vM MhY Kiv |
- * Afqvk¶¶gi mvdj`ewx i Rb` Dc¶¶Rj vi MY`gvb` e`w³eM³c¶¶vmbK KgRZ¶¶ m`u³Zv evov¶¶v` i Kvi etj Rvbtbv nq |
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Short English Version of the Workshop report

**Government of the People's Republic of Bangladesh
Office of the District Fisheries Officer
Tangail**

**Detailed Report on the workshop titled
“Dissemination of Good Practices in Fisheries Sector” held at Tangail.**

Background

IPAC aims to benefit people through biodiversity conservation. The district level workshop on dissemination of Good Practices is designed to promote good practices in the fisheries sector that can contribute to food security, sustainable income generation, conservation of biodiversity and other community's benefits through adaptive learning from constructive lessons for gradually mainstreaming the common practices for conservation of wetlands and the living aquatic resources therein.

It was apparent that there is a need for conservation of the indigenous fish species and institutionalization of the adaptation of the GPs in the community. For this, participation of all stakeholders including the LG bodies, local administration and the Department of Fisheries (DoF) is highly necessary.

Welcome Speech:

Mr. Mohammad Rezaul Karim, District Fisheries Officer, Tangail welcomed all the attendants in the workshop especially honorable chairperson of the workshop and Deputy Commissioner of Tangail Mr. M. Bazlul Karim Chowdhury and honorable Chief guest and honorable Secretary of the Ministry of Fisheries and Livestock Mr. Md. Sarful Alam. He also welcomed the honorable special guest Director General of the Department of Fisheries Mr. Md. Abdul Khaleque and honorable special guest Deputy Secretary of the Ministry of Fisheries and Livestock Mr. Md. Rafiqul Islam. He also thanked the senior officials of the Department of Fisheries, IPAC project officials, district administration, police administration, district level officials of different departments, Upazilla Nirbahi Officers. He also welcomed renowned politician and Ex-law maker Mr. Md. Fazlur Rahman Faruque, eminent journalists from print and electronic media, Chairman of different Union parisads, local elites, fishers' representatives and NGO officials to the workshop titled “Dissemination of Good Practices in Fisheries Sector”. He informed the attendants that the workshop would hold discussions on several exemplary good practices in the fisheries resource conservation and extension in our country.

He also mentioned that apart from the mighty river Jamuna that flows by the Tangail district, there are about 30 rivers, 409 *beels*, 257 floodplains, 40685 ponds and reservoirs (government and non-government) in this district. There are two farms at government level, for the production of fish fingerlings, 8 carp hatchery and 565 non-government nurseries as well. Moreover, for the production of *golda* (freshwater prawn) post larvae there is a *golda* hatchery in this district.

Fish Culture in the Floodplains: He also informed in the workshop that there is huge prospect for planned fish culture in the floodplains of the district. Meanwhile, with the assistance of the Department of Fisheries, floodplain fish culture is ongoing in the different upazillas of the district and floodplain fish culture is playing a key role to conserve indigenous fish species and to increase overall fisheries production. At the same time, effective measures have taken to stop the violation of the Fish Conservation Act.

Fish Sanctuary: This district has set good examples in establishing 13 fish sanctuaries with the financial assistance from upazilla administration and district administration's relief fund in particular. Different types of locally endangered species also reintroduced in the fish sanctuaries. He also added that it is possible to conserve many endangered fish species and to increase fish production in the wetlands if the respective department strictly imposes to the wetland leaseholders to establish fish sanctuaries with their own initiatives in their leased out wetlands.

Chital (*Notopterus chitala*) Fry Production: There are some non-traditional practices in the district particularly in fish production. In the Ghatail upazilla of the district, farmers are producing *Chital* fry. They sold these fry in the district as well as in the neighboring districts. Moreover, small amounts of *Shing* (*Heteropneustes fossilis*) fries are grown in Modhpur upazilla and mono-sex Tilapia and Thai *Pangus* are also cultured in the district which provides earnings for farmers..

Beel Nursery: Natural recruitment of fish is reducing drastically over time due to repeated siltation of the rivers, canals, *beels* and floodplains followed by loss of river depth. The development of several wetland habitats with the assistance of Habitat Development Project has been proposed, and if these developments occur, then the production and reproduction will increase considerably in those wetlands. Naturally recruited carp fish fry could not enter the floodplains due to silted up river beds and a reduction in depth of neighboring rivers, canals, and *beels*. Therefore to facilitate an increase in fish production in the floodplains it is urgent to establish *beel* nurseries in those areas.

Shrimp Fair: Golda shrimp is the largest species amongst the shrimps in the world and delicious to eat as well. This is a high value crop and it has huge demand in the international market. Side by side, it has a high demand in the national market as well. Considering all these factors, the Department has taken initiatives to culture *golda* shrimp largely in the district. Meanwhile, the Freshwater Shrimp Culture Extension project trained 50 farmers on *golda* nursery management and production. Some of the trial demonstration farms had achieved good results in *golda* shrimp production in the last year under NATP project. In the current year, 30 demonstration farms were included under NATP to stock *golda* shrimp in 8 upazillas. Other than that, along with government initiatives, Winrock International has planned to increase shrimp production through farmer training and establishment of demonstration in the 4 Upazillas of the district under its Enterprise for Poverty Alleviation Project. They are expecting good results in *golda* shrimp production.

He also thanked all the participants to attend the workshop from long distances and to make the workshop a success and thanked all the officers/staff of the district administration

including Deputy Commissioner (DC) for proving their valuable efforts in organizing the workshop successfully. He also paid his gratitude towards the Director General of the Department of Fisheries to play his important role as one of the special guests in the workshop. He specially thanked and paid his gratitude to honorable Secretary, Ministry of Fisheries and Livestock personally and on behalf of the attendants for traveling a long distance to join the workshop and for playing a vital role in spite of his business schedule. Finally, he concluded his speech welcoming all the attendants once again and expecting the workshop a success.

Keynote Paper Presentation:

Mr. Syed Ali Azhar (PhD fellow), Assistant Director, Department of Fisheries, Bangladesh, Dhaka presented the keynote paper of the workshop.

Keynote Paper Title: “Dissemination of Good Practices in Fisheries Sector”. He described in his speech the current situation of open water fisheries production including aquatic biodiversity with relevant information. He informed the workshop that 30% of the biodiversity would be lost in the country within 50 years if the current trend continues, and loss of aquatic biodiversity would be three times larger than terrestrial biodiversity. Demand of fish in the country is currently about 25.90 lac metric tons and the production is almost same as 25.63 lac metric ton. He described the Vision-2021 of the current government and strategic planning for the implementation of the vision. He mentioned that the potential of fish production in the closed water bodies is limited and that that is why our only alternative to meet the demand of fish is to bring the open water/floodplains into fish production. He also emphasized the need to bring all the open water /floodplains into fish production with the assistance of the Department of Fisheries.

He also emphasized on the good practices regarding obeying Fish Act, stopping illegal fishing devices, banning fishing in the breeding season, limiting the over fishing practice, and introducing community based fisheries management and collaborative management. He stressed on the need to establish at least one fish sanctuary in each open water system including habitat restoration or rehabilitation. He also stressed on the *beel* nursery establishment and introduction of pane culture to increase fish production. Along with the government initiatives, he urged the non-government entrepreneurs to come forward for fisheries resources development. He also stressed the need to campaign on fish culture extension, arrange exchange visits to share experiences, and collection and conservation of all the fish relevant information at the Upazilla level.

IPAC’s Presentation on Good Practices:

Dr. Ram Sharma, Deputy Chief of Party for IPAC described in his speech the success achieved under the completed MACH project and informed the workshop that those experiences will be vital in carrying out IPAC activities. He described IPAC’s activities, its policy development, work planning, habitat development, infrastructure development, and habitat restoration activities in the Hakaluki *Haor* and Tanguar *Haor*. He opined that it is necessary to protect and conserve forests along with wetlands through co-management and to find out the key problems in the natural resources arena by the participation of people from all levels as well as planning conservation and management actions considering those problems.

He informed the workshop that for the better implementation of IPAC all 16 districts are divided into 5 clusters, that women are included in all activities of IPAC, and that there is a focus on the increase of fish production, income and effect on biodiversity in the selected water bodies where MACH project was implemented. IPAC is working in its five clusters for the biodiversity, resource conservation and management with the establishment of co-management organizations in the closed and open water bodies, fish sanctuary, ecologically critical areas, national parks, wildlife sanctuaries, game reserve, etc.. Moreover, IPAC is putting efforts to improve living standard, livelihood and income opportunities of the local people and effective management of natural resources and biodiversity conservation. He expected all kinds of supports from the government officials and the people at all levels.

Presentation on ‘Good Practices’ in the Tangail District:

Begum Shabnam Mustari, Upazilla Fisheries Officer, Bhuapur, Tangail nicely presented two good practices in her upazilla. She highlighted the need to establish fish sanctuaries, people’s participation in sanctuary management initiatives, positive impacts of sanctuary establishment and future planning in this regard. She stressed on playing important role in social development through provision of alternative livelihood opportunities. She also mentioned the success of species reappearance due to effective fish sanctuary.

Open Discussion and suggestions:

In the open discussion session, a good number of attendants participated. They raised different relevant issues and expected the attention of the honorable Secretary, MoFL for a resolution. Some of the suggestions provided by them were;

- It is necessary to include local government representatives in the process to attain floodplain fish culture, where training and awareness building is also necessary
- Real fishers need to be included during the lease out process of water bodies and, rehabilitation measures need to be taken for the development of water bodies.
- Setting up steel nets under bridges and culverts may be a valid measure to regulate/manage water
- Marketing is the main problem for *Pangus* culture, effective measures need to be taken
- Training arrangements were demanded as it is necessary for mono-sex tilapia culture
- There are many areas where number of fishers’ organizations is less than that of water bodies. This creates problems when leasing out, therefore including fish culturists along with real fishers to lease out water bodies may tackle this problem. Real fishers need to be included in CBO formation.
- Traditional land taxing system needs to be revised, as there is provision of Tk.1 tax for agricultural land while the same land has to pay Tk. 15 for aquaculture.
- Necessary steps need to be taken to ensure purity of ‘meat bone’ in balanced feed preparation
- Strengthen coordination amongst administrative officials and local elites is necessary to ensure better success in fish sanctuary establishment

- A similar model to 'Daudkandi Model' needs to be introduced for flood plain culture
- Construction of LGED roads should be made compatible with aquaculture
- It was suggested that the synonym of the term 'good practice' may be replaced from 'bhalo sikhon' to 'bhalo abvas' or 'su-abvas'

Special Guest's Speech 1:

Mr. Md. Rafiqul Islam, Deputy Secretary, MoFL in his speech fluently described different reasons causing the fall of fish production. As he is a local, he has a detailed history of fisheries resources of Tangail which he shared, inspiring the attendants. He felt very proud to participate and expected a successful workshop.

Special Guest's Speech 2:

Mr. Md. Abdul Khaleque, Director General, DoF in his speech stressed the questions raised by the attendants during the open discussion session. He said that according to the new inland fishery policy, fish sanctuaries will be established and that necessary steps will be taken to extend shrimp culture as quickly as possible. According to the order of the honorable Secretary DoF would also release some *golda* post larvae along with other fish varieties in the floodplains. Initiatives will be taken to issue VGF cards to the fishers once the actual listings of the real fishers are compiled. Necessary steps would be taken and implemented to train mono-sex tilapia farmers and to rehabilitate water bodies. Finally, he thanked all the attendants including honorable Secretary, MoFL for their participation.

Chief Guest's Speech:

Chief Guest of the workshop Mr. Md. Sarful Alam, Secretary, Ministry of Fisheries and Livestock, Government of the People's Republic of Bangladesh in his speech thanked the organizer for arranging such an important workshop. He highlighted pond aquaculture, floodplain fish culture, shrimp culture, Fish Conservation Act, Fish Feed Preparation and Marketing Act, etc. and fluently described different reasons causing the fall in fish production. He opined that *Pangus* culture in the Mymensingh region would put stress on the ground water in the future, as this culture type requires much more of it.

Relevant Suggestions of the Honorable Secretary, MoFL:

Fish Feed Production and Marketing Policy: He informed the workshop that very recently the honorable Parliament had passed an order reading this issue. He opined that if this policy was to be implemented, activities and responsibilities of the Department of Fisheries would increase manifold. As a result, he hoped that, fish feed quality control will not be a problem in the future and he urged field level officials of the Department to play a strong role in this regard.

New *Jalmahal* Policy: In implementing the new *Jalmahal* policy and Co-management policy, roles and responsibilities of the UFOs and DFOs will increase manifold. It is very tough to operate extension activities at field level with the existing work force the Department presently poses. Therefore, recruitment of new work force in the Department is under process. He urged Officials of the Department to establish strong working relationships to implement project activities. He would take initiatives to reduce land tax for ponds, introduce a special electricity rate for the fish culturists and rehabilitation of *jalmahals*.

Chairpersons Speech:

The workshop organized in Tangail district titled “Dissemination of Good Practices in Fisheries Sector” was presided over by Mr. M. Bazlul Karim Chowdhury, Deputy Commissioner, Tangail. He opined that the suggestions that had come out in the discussions will be divided into two groups; one to be solved locally and another that requires efforts at national level. He stressed the need in project implementation to include local people and make them aware of relevant issues. He was thankful for the efforts and activities that had been conducted in Bhuapur upazilla to set an example. He mentioned that the efforts of field level officials makes results plausible and Bhuapur’s Upazilla Fisheries Officer’s effort in floodplain fish culture is an ideal example in this regard. He urged field level officials to be active to provide their efforts. At last, he expressed his deep gratitude towards the honorable Secretary to come and attend the successful workshop after traveling from Dhaka to Tangail in spite of many other business. With that, he declared the closure of the workshop.

Conclusion:

Department of Fisheries has to take effective initiatives in meeting the demands of animal protein of the large population of the country. However, in this regard, effective coordination amongst different departments and inclusion of local people is necessary and this workshop is such an initiative. We have large inland open water bodies but decisions are still to be made on what part of the open waters should be brought under culture and which ones should be protected and conserved. Effective measures are urgent to stop declination of any of the species. We are grateful to IPAC and USAID for extending their hands in this regard.