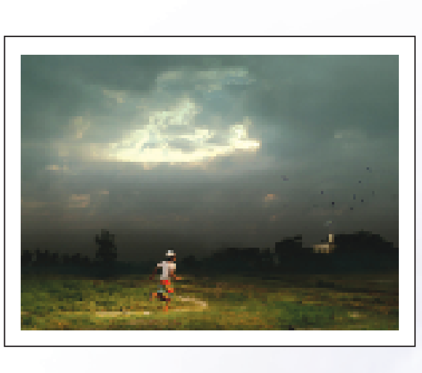
wbivc` evZ©

†bUIqvK di Bbdi‡gkb, †imcÝ GÛ wc‡cqviW‡bm Gw±wfwUR Ab wWRv÷vi-Gi GKwU ˆÎgvwmK wbDR †jUvi

msL¨v 14, Rb 2008



evsjv‡`‡k Rjevqy cwieZ©‡bi KiYxq Ges mvaviY gvby‡li Aš¢f©w³

†gvt iwdKj Avjg
wbevnx cwiPvjK, Øxc Dbœqb ms¯’v, evsjv‡`k
rafiqhatia@yahoo.com

1. mPbv

evsjv‡`k GKwU Dbœqbkxj †`k| †`kwUi †gvU AvqZb 147570 eM©K.wg. Ges GLv‡b wZb ai‡bi fwgi/c †`Lv hvq-cvnvo, eva (mgfwg i¶v‡_ †h fwg DP Kiv nq), Ges cvjwjK fwg| evsjv‡`k D˸‡i 20$^{0}$34 †_‡K 26$^{0}$38 A¶vs‡k Ges c‡e 88$^{0}$01 †_‡K 92$^{0}$41 `wNgvs‡k Aew¯’Z| Gi i‡q‡Q 4685 wK.wg. `xN© cwimxgv| evsjv‡`‡ki Aew¯’vb `w¶Y Gwkqvi Ggb GKwU †fŠMwjK Aew¯’v‡b †hwU wZbwU cavb b`xi AeewnKvi wbgvs‡k Aew¯’Z, b`x wZbwU n‡”Q-cÙv (fvi‡Z M½v bv‡g cwiwPZ), eªcÎ Ges †gNbv| evsjv‡`‡ki gvby‡li gv_wcQ Avq 370 gvwKb Wjvi (wek¦ e¨vsK, 2000), GB †`‡k i‡q‡Q cvKwZK m¤ú‡`i ¯íZv, RbmsL¨vi D”P NbZ Ges cvKwZK `y‡h©v‡Mi AwaK¨, BZ¨vw`|

2. evsjv‡`‡k Rjevqy cwieZ©‡bi cfve

evsjv‡`‡ki Rjevqy‡K Gi D”P ZvcgvÎv, cPi e„wócvZ, KL‡bv AwZwi³ Av`ªZv Ges FZz wfwËK wfbZv, BZ¨vw` Øviv wPwýZ Kiv hvq| hw`I †`kwUi A‡a©‡Ki †ekx Ask DËi µvwšÍ‡iLvq Aew¯’Z, Zvici‡I wngvjq ceZgvjvi cfv‡e evsjv‡`‡ki Rjevq c‡iv eQi R‡oB Kg †ekx Dò _v‡K| Rjevq mvaviYZ wbqwšZ nq Mx®§ I kxZKvjxb evq Øviv Ges AvsvkKfv‡e †gŠmgx evqi ceeZx I cieZx evqcev‡ni Øviv| Dò, Av` Ges Av¯’wZkxj evZvm enbKvix `w¶Y cwðg †gŠmgx evq Drcb nq fviZxq gnvmvM‡i| kxZj evZvm mgx DËi ce †gŠmgx evq Av‡m mvB‡ewiqvb gi“fwg †_‡K, hv mvaviYZ S‡ov I kx‡Zi mgq cewnZ nq| c‡iv †`k R‡o mvaviYZ Av`, Dò Ges Mx®§gÛjxq Rjevq cwijw¶Z nq|

evsjv‡`k †m›Uvi di GWfvÝ ÷vwWR cwiPvwjZ Climate Change Country Study Gi mgx¶v Abhvqx 2030 I 2070 mv‡j evsjv‡`‡ki ZvcgvÎv M‡o evo‡e h_vµ‡g 1.3^{0} †mjwmqvm I 2.6^{0} †mjwmqvm| ZvQvov ZvcgvÎv cwieZ©‡bi avi‡Z I wKQ wfbZv †`Lv hv‡e: 2030 mv‡ji kxZKv‡j ZvcgvÎvi cwieZb n‡e 1.4^{0} †mjwmqvm Ges ‡gŠmgx evqcev‡ni mgq GB cwieZ©‡bi nvi n‡e 0.7^{0} †mjwmqvm| 2070 mv‡ji R‡b¨ kxZKv‡j GUv n‡e 2.1^{0} †mjwmqvm Ges ‡gŠmgx evqcev‡ni mgq 1.7^{0} †mjwmqvm| 2030 mv‡ji kxZKv‡j e„wócv‡Zi cwigvY Kgvi nvi n‡e bMb¨ wKš 2075 mv‡ji kxZKv‡j e„wócvZ cvq n‡eBbv| Ab¨w`‡K 2030 I 2070 mv‡ji ‡gŠmgx evqcev‡ni mgq e„wócv‡Zi cwigvY evo‡e h_vµ‡g 12 kZvsk I 27 kZvsk| GQvov M‡elYvq GUvI †ei n‡q G‡m‡Q †h elvKv‡j AwZwi³ e„wócvZ n‡e hv eb¨vi AvKv‡i †`Lv w`‡e Avevi Aciw`‡K kxZKv‡j e„wó cvq n‡e bv d‡j †`Lv w`‡Z cv‡i Liv| GKBmv‡_ GUvI ejv hvq‡h 2070 mv‡j kxZ-Mx®§ Dfq FZz‡ZB ev®úxfe‡b A‡bK cwieZb Avm‡e| General Circulation Model (GCM) Gi djvdj †_‡K GUv Abgvb Kiv n‡q‡Q‡h 2030 mvj chš Rjevq cwieZ©‡bi nvi gvSvwi n‡j I 2075 mv‡j GB nvi A‡bK †e‡o hv‡e| djvdj †_‡K †`Lv hvq †h, ¯’vfweKfv‡eB ZvcgvÎv wKQUv ev‡o| 2030 mv‡j ZvcgvÎv evovi nvi cvbZ †`Lv hv‡e kx‡Zi gvm¸‡jv‡Z, hw`I kxZ-cieZx gvm¸‡jv‡ZB (Gwcj, †g I Rb) †ekxifvM cwieZb †`Lv hv‡e| hw`I 2075 mv‡j, Gwcj I †g gv‡m ZvcgvÎv e„w×i nvi †ekx n‡e, cvq 4.0^{0} †mjwmqvm|

3 Gi cvZv †`Lb

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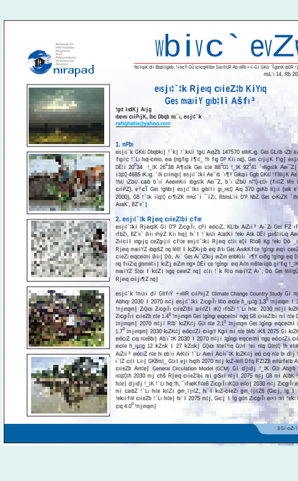
m¤úv`Kxq



Rjevqy cwieZb-wbivc‡`i fvebv

evsjv‡`‡ki Rjevqy cwieZ©‡bi fqven SyuwK m¤ú‡K mvaviY gvbl‡K Rvbv‡Z Ges eS‡Z n‡e| wbivc` evZvi GB msL¨wU n‡”Q wbivc‡`i GKwU c‡Póv hv mvavib‡K GKUv mg¨K avibv †`‡e Rjevq cwieZ©‡bi SyuwK Ges Awf‡hvRb c×wZ m¤ú‡K| Rjevq cwieZ©‡bi Awf‡hvR‡bi R‡b¨ wewfbœ LvZ I Kvhµ‡gi Askx`vwi‡Zi gva¨‡g GKwU mgwšZ c‡Póv c‡qvRb| wbivc‡`i wPšv evsjv‡`‡ki Rjevq cwieZb †m‡ji mv‡_ mgvÄm¨cb| 21wU †mevgjK cwZôv‡bi †bUIqvK wbivc` (NIRAPAD) LeB Mfxifv‡e Rjevq cwieZb wb‡q KvR Ki‡Z AvMnx | GB fvebv †_‡K wbivc` Zvi ‡KŠkjMZ cwiKíbvq Rjevq cwieZb‡K ¯’vb w`‡q‡Q| Ges Rjevq cwieZb I Gi cfve wb‡q hviv KvR Ki‡Q Zv‡`i mv‡_ mm¤úK© ˆZix Ki‡Q| wbDR†jUviwUi GB ¶‡`ª c‡Póv wbivc`‡K mvVK c‡_ AMmi n‡Z mvnvh¨ Ki‡e| wbivc` Zvi mv‡_ ,bi w`b ,‡jv‡Z Ges `‡h©vM SyuK nªv‡mi mg¯— Kvhµ‡g Rjevq cwieZb‡K we‡kI fv‡e we‡ePbv Ki‡e|

mn‡hvMZvq t care USAID

wbDR †jUviwU www.nirapad.org G cvIqv hv‡e|

GB msL¨vq

1 evsjv‡`‡k Rjevqy cwieZ©‡bi KiYxq Ges mvaviY gvby‡li Aš¢f©w³
2 m¤úv`Kxq
5 Rjevqy cwieZ©‡bi Awf‡hvRb: †`kR Ávb iwL‡Z cv‡i ¸i“ZcY fwgKv
7 Rjevqy cwieZb Ges evsjv‡`k: bxwZ I cwiKíbvK †cÖw¶Z
8 Gbm‡`vi: GKwU mg‡qvc‡hvMx c`‡¶c

m¤úv`bv cwil`
Avej nvmvb Lvb
iwdKj Avjg
bvmni DwÏb Avn‡g`

m¤úv`K
KvRx mvnv`i ingvb

wbevnx m¤úv`K
†gvmvt dvinvbv Av³vi

g`‡Y
MvOwPj, 33/2 knx` bRi“j Bmjvg moK
RvKwiqv feb (5g Zjv), XvKv-1203
†dvbt 7121131, *web: www.gungchilgroup.com*

Mvwd· wWRvBb
†g‡n`x nvmvb

cKvkK
wbivc`
19/13, evei †iW, eK-we, †gvnv¤§`ci
XvKv-1207, †dvbt 02-8143729
E-mail: nirapad@nirapad.org

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3. Rjevqy cwieZ©‡b evsjv‡`‡ki wec`vcbœZv

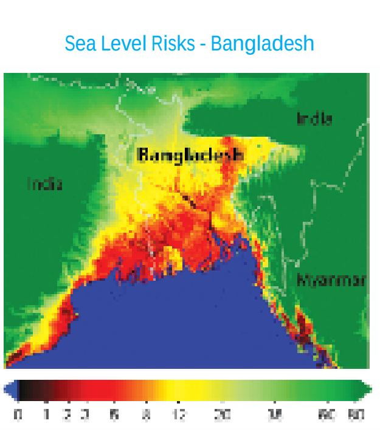
µgvMgb A_bxwZK Dbœqb Ges Av‡iv wewfb, †hgb: †fŠMwjK Ae¯’vb, Rjevq, BZ¨vw` KviY evsjv‡`k‡K Rjevq cwieZ©‡b wec`vcb K‡i Z‡j‡Q| †hme KviY Rjevq cwieZ©‡bi d‡j evsjv‡`‡ki wec`vcbœZvi gvÎv †ekx, †mM‡jv wbgœic:

- †ekx gvÎvq Rjevqi wfbZv;
- Rjevqi wfbZvi Kvi‡b cvYx m¤ú` †ekgvÎvq ms‡e`bkxj nIqv;
- RvZxq I AvÂwjK chv‡q eo ai‡bi Aevnvl Iqv wechq NUv;
- RbmsL¨vi D”P NbZ Rjevq cwieZ©‡b wec`vcbœZv evov‡q †`q, KviY ZLb †ekx gvbl SyuK‡Z _v‡K Ges †`‡ki gva¨ Awfevmb Kiv mnR Kg _v‡K;
- †ekgvÎvq `vwi`ª I mvgwRK AmgÄm¨Zv;
- cvwZôvwbK m¶gZv, bxwZ, gvbe m¤ú`, bZb bZb chw³ MnY‡i Afve;
- Achvß A_bxwZK m¤ú` Ges
- wbggv‡bi AeKvVv‡gv

Rjevqy cwieZ©‡bi Dci RvZxq chv‡q cwiPvwjZ wewfb M‡elYv †_‡K cZxqgvb n‡q‡Q †h, Rjevq cwieZ©‡bi d‡j evsjv‡`‡ki wec`vcbœZv wbw`©³ †¶‡Î ,‡jv‡Z †ekx: cvwb m¤ú`, DcKjxq AÂj I †mLv‡bKvi m¤ú`mgn, Kwl Ges ¯^v¯’¨ Rjevq cwieZ©‡bi d‡j evsjv‡`k wbw`©³ mgm¨v¸‡jvi m¤§Lxb n‡Z cv‡i:

- fqven eb¨v, NwYSo, Liv, mg` c„ôi D”PZv e„w× I jeYv³Zv Øviv ¶wZM¯—Zv Kvi, Rxeb hvÎv, cwiKZK c×wZ mgn, cvwb mieivn, ¯^v¯’¨, BZ¨vw` i‡c evsjv‡`‡k Rjevq cwieZ©‡bi cfve †`Lv †`‡e|
- mg` c„ôi mgve D”PZv e„w×i (aviYv Kiv nq †h 2050 mv‡j GB e„w× 43 †mwg chš n‡Z cv‡i) d‡j †`‡ki DcKjxq AÂ‡ji GK `kgvsk GjvKv W‡e hv‡e, j¶ j¶ gvbl Zv‡`i ewo, Kg I Rxebaviv †_‡K ¯’vbP¨Z n‡e|
- D”P mg` cô Ges eb¨vi KviY †`Lv †`‡e cqtb®vkb Gi RwUjZv|
- m‡cq cvwbi AchvßZv|
- cvYx I Dw™¢‡`i mvb I AvKwZMZ mgm¨v (cvabZ DcKjxq AÂ‡j) †`Lv †`‡e|
- The General Circulation Model Gi cix¶v †_‡K Rvbv hvq †h, evsjv‡`‡k wbw`©³ `‡h©vMmgn evo‡Z cv‡i:
  - eb¨v evo‡e, gvÎv I nvi DfqB
  - ï® †gŠm‡g Av`ªZv evo‡e hvi d‡j evo‡e Livi ZxeZv I nvi
  - fvUvi mgq jebv³Zvi cwigvY †e‡o hvIqv

Sea Level Risks - Bangladesh



Height Above Sea Level (m)

evsjv‡`‡k Rjevqy cwieZ©‡bi aviv:

eQi	mg` c‡ôi D”PZv e„w× (‡mwg.)	ZvcgvÎv e„w× (°†mjwmqvm)	1990 (%) Gi Zjbvq e„wócv‡Zi ZviZg¨
2030	30	Mx®§Kv‡j +0.7 kxZKv‡j +1.3	kxZKv‡j -0.3 Mx®§Kv‡j +11
2050	30	Mx®§Kv‡j +1.1 kxZKv‡j +1.8	kxZKv‡j - 0.37 Mx®§Kv‡j +28

Drm:
Rjevqy cwieZ©‡b Awf‡hvRb Ges †UKmB Dbœqb: evsjv‡`k †cÖw¶Z, Wt mwjgyj nK, cwiPvjK, Rjevqy cwieZb KgmPx, B›Uvib¨vkbvj BÝwUwUDU di Gbfvqibg›U GÛ †Wfjc‡g›U, jÛb, BDbvB‡UW wKsWg|

4. Rjevqy cwieZ©‡bi KviY mgn

Mvb nvDR M¨v‡mi Dcw¯’wZi Kvi‡b cwZbqZB evqgÛj GKwU wbw`ó nv‡i DËß (Rjevqy cwieZb) n‡”Q| wkí wecøe‡i c‡i †_‡K gvby‡li wewfb KgKv‡Ûi d‡j evqgÛ‡j MÖxY nvDR M¨v‡mi cwigvY evo‡Q hvi d‡j ‰ewkK DòZv Ges Rjevqy cwieZb Ziv‡šZ n‡”Q| ‰ewkK DòZvi KviY mgn wbgœic:

- AvsikK cvKwZK KviY
- AvsikK gvby‡li wewfbœ KgKv‡Ûi d‡j, we‡kl K‡i MZ 100 eQ‡i cPi cwigv‡Y Mxb nvDR M¨v‡mi wbMg‡bi KviY

gvby‡li wewfbœ KgKv‡Ûi gv‡S Aš¢f³ n‡PQ:

- Rxevk¥ Rvjvwbi e¨envi e„w×
- wkí msµvš cµqvmgn
- eb DRvo I fwg e¨envi cwieZb
- MncvjZ cïi Lv`¨ ‰Zix
- ms‡k›x c‡b¨i (†hgb: Zij Kveb WvB AKvBW) e¨envi Ges
- wbw`ó Rxeb avivi Ges ‡fv‡Mi ¯^fve

5. Rjevqy cwieZ©‡b Kibxq

1950 mvj †_‡K ˆewkK Rjevqy cwieZ©‡bi d‡j msNwUZ cvq 90 kZvsk `y‡h©v‡Mi d‡j GB AÂj Avµvš nq Avi cvq Aa wgwjqb gvbl Zv‡`i Rxeb nvivq (wWGdAvBwW, 2004)| ZvQvov eZgv‡b mvgvwRK I A_bxwZK Dbœq‡bi cavb nvZwqvi mgnI Rjevqy cwieZb Øviv cfvweZ nq| d‡j Rjevqy cwieZ©‡bK †UKmB Dbœq‡bi cavb ûgwK i‡c we‡ePbv Kiv n”Q| B›Uvi-MfbŸ‡g›Uvj c¨v‡bj Ab K¬vB‡gU †PÄ (AvBwcwmwm) Gi g‡Z Rjevqy cwieZ©‡bi cfve BwZg‡a¨B cwijw¶Z n‡q‡Q Ges weÁvwbiv ej‡Qb †h cemZKZvgjK Ges `ªZ c`‡¶c †bqv c‡qvRb| Rjevqy cwieZb‡K †gvKvwejv Kivi R‡b¨ `ywU Dcvq i‡q‡Q-¶wZ nªvm Kiv Ges Awf‡hvRb Kiv|

K. ¶wZ nªvmKiY:

Rjevqy cwieZb msµvš we‡kl Á‡`i K‡Q Gi ¶wZ nªvmKiY AZ¨š ¸i“ZcY wel q| wec`RbK Rjevqy cwieZb‡K ¯’vwZkxj ivLvi R‡b¨ evqgÛ‡j Mxb nvDR M¨v‡mi e„w× cZ‡iva KivB n‡”Q Aek¨ I c_g KiYxq| DbœZ I Dbœqbkxj †`kmg‡n wK I‡Uv c‡UvKj ev¯—evq‡bi gva¨‡g wekeımx Zv‡`i kx³ I m¤ú`mg‡K mwVKfv‡e e¨envi Ges Mxb nvDR M¨v‡mi wbMgb nvmi gva¨‡g wec`RbK Rjevqy cwieZb‡K cwZ‡iva Ki‡Z cv‡i| UNFCCC Gi AšMZ KvbvWwi gvUqj G AY¨vôZe¨ Kbdv‡iÝ Af ˆ`¨ cwUR Gi GMv‡ivZg mfvq GB msµvš KvhKix wm×vš †bqv †h‡Z cv‡i| GKB mv‡_ ¯^vbxq Rb‡MvôxK I cwZbqZ Rjevqy cwieZ©‡bi mv‡_ Lvc LvIqv‡bvi R‡b¨ Zv‡`i m¶gZv e„w× Ki‡Z n‡e|

L. Awf‡hvRb:

eZgvb mgq Rjevqy cwieZb I Rjevqy wfbZvi cfve gKvwejv Kivi R‡b¨ cwie¯’Z cwi¯’wZ‡Z Lvc LvIqv‡bvK me‡P‡q c‡qvRbxq e‡j fvev n‡”Q| GUv cKwkZ I AcKwkZ Dfq fv‡eB Dbœqb cµqvi mv‡_ msh³, †hgb, IPCC ‡Rvi w`‡q e‡j †h Dbœqbkxj †`k¸‡jv Rjevqy cwieZ©‡bi d‡j AmgÄm¨fv‡e wec`vcb Ges Zv‡`i Awf‡hvRb ¶gZvI Kg| Dbœqb cµqv Rjevqy cwieZ©‡bi nvi Øviv cfvweZ nq, we‡kl K‡i Kg DbœZ I Dbœqbkxj †`kmgn hviv GB cwieZ©‡b me‡P‡q †ekx f³‡fvMx A_P DbœZ †`kmg‡ni Zjbvq MxY nvDR M¨vm Kg wbMgb K‡i|

evsjv‡`‡k wZb ai‡bi Awf‡hvRb c×wZ i‡q‡Q, †hgb: cZ¨vnvi Kiv, Avevm Gi e¨e¯’v Kiv Ges mi¶Z Kiv| NbemwZ, fwel¨r RbmsL¨v Ges fwgi ¯íZvi K_v we‡ePbv K‡i cZ¨vnvi Kiv m¤¢e bq| Avgv‡`i DrPZ evwK `ywU c×wZi K_v we‡ePbv Kbv|

L.1. g¨vb†Mvf eb i¶v Kiv

evsjv‡`‡ki cwðg DcKjxq AÂ‡j eo GKwU g¨vb†Mvf eb Av‡Q| hw`I GjvKvwU cvq mgZj, Zvici‡I R‡jv”Q¡vm GLv‡b ¶wZ Kg nq| d‡j GKwU `¨Z I KvhKix Awf‡hvRb †KŠkj ebvqbK e¶kb¨ nIqv †_‡K i¶v Ki‡e Ges c‡iv DcKjxq GjvKv R‡o ebvqb Kvhµg ev¯—evqb Kiv DwPZ| evsjv‡`‡k G ai‡bi †ek wKQ cKí Pj‡Q| ebvqb fwgi ¯’vwZkxjZvq mvnvh¨ Ki‡e, fwg ms‡hvRb Ki‡e Ges fwgi D”"Zv e„w× Ki‡e hv mg` c„ôi D”PZv e„w×i d‡j †h cwe‡bi m„wó n‡e Zvi nvi Kg‡e|

L.2. km¨ Drcv`‡bi avivi cwieZb

bZb ai‡bi Pvj D™¢veb Kiv hv jeb³Zv I D”P ZvcgvÎv mnbxq n‡e Ges GUv Drcv`b I KvUv DwPZ †mmgq hLb NwYS‡oi m¤¢vebv _v‡K bv|

L.3. NwYSo Avkq‡K‡›`i msL¨v evov‡bv:

evsjv‡`‡k DcKjxq AÂ‡j NwYSo Avkq‡K›` wbg©v‡bi R‡b¨ eo ai‡bi KgmPx MnY Kiv n‡q‡Q| GB Avkq‡K›`¸‡jv NwYS‡oi mgq gvbl, MncvjZ cï Ges Ab¨vb¨ m¤ú‡`i Avkq wnm‡e KvR Ki‡e Ges GKB mv‡_ ¯’vfweK mg‡q wgjbvqZb, we`¨vjq Ges Ab¨vb¨ Kv‡R e¨eüZ n‡e| DcKjxq AÂ‡j R‡jv”Q¡v‡mi D”PZv Ges ‡`‡ki Ab¨vb¨ RvqMvq wK cwigvY cwb X‡K Zvi Dci wfwË K‡i KZwU Avkq‡K›` `iKvi Zv wbaviY Kiv nq| fwel¨‡Z ZvcgvÎv e„w× I mg` c„ôi D”PZv e„w×‡Z GB msL¨v e„w× n‡Z cv‡i Ges wewfb avivi I Kvhvejxi cwi‡cw¶‡Z we‡ePbv K‡i cYeb¨vm Kiv n‡Z cv‡i|

L.4. eva wbgvY:

eva wbgvY DcKjxq AÂ‡j Awf‡hvRb I cwZi¶vi Av‡iKwU Dcvq| GB eva¸‡jv mg‡`i cvwb XK‡Z evav †`‡e Avi hw` eva Uc‡K X‡K I c‡o Zv‡j Gi kw³ ZZ¶‡Y A‡bK K‡g hv‡e|

L.5. ZYgj chv‡qi gvbl‡K m‡PZb I AskMnY:

Rjevqy cwieZ©‡bi mv‡_ Lvc LvB‡q †bqvi fv‡jv Dcvh¸‡jvi g‡aS Av‡iKwU n‡”Q ZYgj chv‡qi gvby‡li AskMnY| hM hM a‡i evsjv‡`‡ki gvbl `y‡h©v‡Mi mv‡_ emevm K‡i Avm‡Q| cwieZZ cwi¯’wZi mv‡_ Lvc LvB‡q †bqv evsjv‡`‡ki gvby‡li ¯^fveRvZ| GRb¨ c‡qvRb RbMb‡K Avmb wec` m¤ú‡K m‡PZb Kivi R‡b¨ mwe¯—vi ‰eÁvwbK M‡elYv Ges †mB mv‡_ Zv‡`i‡K h³ K‡i Awf‡hvR‡bi c×wZ ‰Zix Kiv|

M. ZYgj (DcKjxq Øxcmgn) gvby‡li fwg¨Kv:

‡Kvb GKwU eo GjvKvi ZYgj chv‡qi gvbl‡K Rjevqy cwieZ©‡bi mv‡_ Awf‡hvwRZ Kivi wPšv Kiv nq Zv‡`i Rxebavivi gvb Dbœqb Kivi R‡b¨ hv‡Z Zviv Zv‡`i wec`vcbœZv Kgv‡Z cv‡i| Gi R‡b¨ wbgœwjwLZ c`‡¶c¸‡jv MnY Kiv †h‡Z cv‡i:

1. wec`vcbœZv nªvmKiY

miKvi `wi`-evÜe †KŠkj wb‡q‡Q †hLv‡b Zv‡`i Dbœq‡bi R‡b¨ wewfb c`‡¶c †bqv n‡q‡Q hv‡Z wec`vcbœZvi welqwU‡K ¸i“Z †`qv n‡q‡Q| wec`vcbœZv `yi Dcvq Kgv‡bv †h‡Z cv‡i-

- `wi`‡`i m¤ú‡`i DrmK DbœZ Kiv
- m¤ú‡`i gvwjKvbv ev c‡ekvwaKvi ˆZix Kiv

2. m¤ú‡`i Drm cwieZb

mvaviYZ RbM‡Yi Rxebavi cvKwZK m¤ú` wbfi| †hmeZ A‡bK gvbl Zv‡`i RxweKvi R‡b¨ cvKwZK m¤ú‡`i Dci wbfikxj ZvB GB m¤ú‡`i cwigvY cwZbqZ Kg‡Q Ges cwi¯’wZ Av‡iv Lvivc n‡”Q| gvby‡li m¤ú` I AeKvVv‡gvi Dci Av‡iv †ekx wewbØqM Kiv DwPZ hv‡Z G‡K gvby‡li m¤ú‡`i wekí Drm wnm‡e e¨envi Kiv hvq| DcKjxq GjvKv Dbœq‡bi wewfb aviv †_‡K wkÿv †bqv Av‡Q, we‡kl K‡i ¯^v¯’¨ I wk¶v LvZ (cv_wgK chv‡q)| Gme AÂ‡ji w`‡K Av‡iv †ekx bRi w`‡Z n‡e we‡kl K‡i AeKvVv‡gvMZ w`‡K|

3. AvÂwjK cv_K¨Kib Ges Øxcmgn‡K we‡ePbv

evsjv‡`‡ki DcKjxq GjvKv †`‡ki Ab¨ GjvKv †_‡K wfbZi, ïagvÎ Abb¨ †fŠMwjK Pwi‡Îi R‡b¨B bq, ZjbvgjKfv‡e mveeibvÂZ gvbl Ges A_bxwZK Dbœq‡bi mPK Gi Kvi‡YI| wec`vcbœZvi cavY `yU KviY n‡”Q cvKwZK `y‡h©vM I m¤ú‡`i µgvMgbZv Avi GB KviY¸‡jv `wi` gvby‡li Aš¢fvb `wi`Zvi Ave‡Z †d‡j †`q| ZvB, DcKjxq GjvKvi Rxebavi‡K mg× Kivi R‡b¨ †hme †KŠkj †bqv n‡e Zv n‡Z n‡e GjvKvi c‡qvR‡bi wfwË‡Z, hvZ `wi` gvbl Zv‡`i Awf‡hvR‡bi m¶gZv e„w× Ki‡Z cv‡i|

4. AMÖvaKvifwËK KgcwiKíbv

mgv‡Ri wewfb ¯—‡ii i‡q‡Q wewfb ai‡Yi mgm¨v Ges c‡qvRb| DcKjxq GjvKvi wewfb Rb‡Mvôxi wKQ c¯—vebv wb‡g †`qv n‡jv:

Rxebaviv mg×Ki‡Y wewfb ¯—‡ii gvby‡li c¯—vebv

¯—i	mgm¨v/ ¸i“ZcY welq	c¯—vebv
Kvi kvgK	‡eKviZ	Kv‡Ri m‡hvM Fb mieivn
¶`ª K…lK	cvwb Afve	FY †mev
jeY Drcv`K	cPi e„wócvZ/NwYSo	jeb msi¶YvMvi
†R‡j	NwYSo/Lvivc Avenvl qv	DbœZ mZKxKiY e¨e¯’v
	Rj`m¨Zvi KviY ¶wZ	DbœZ AvBb-Kvbb
	gv‡Qi cwigvY K‡g hvIqv	†cvbv gvQ avi bvl×Kib
ïUwK Drcv`K	cvwb Afve	FY mieivn msi¶Yvbvi
wkí Drcv`K	UvKvi Afve	FY mieivn
bvix	cvbxq R‡ji Afve	wUDeI‡qj mieivn
	cqtb®vkb‡bi mgm¨v	¯^v¯’¨Ki cqtbvkvi mieivn
	`ej ¯^v¯’¨	web¨vg‡j¨ wPwKrmv
	AvBb-Kvbb	mµvq cwj k wefvM
	mvgvwRK PjvPj	mvgvwRK m‡PZbZv
	NwYSo	gReZ evwo
	fwg ¶q	fwg e‡›`ve¯—

6. Rjevqy cwieZ©‡b mvov c`v‡bi R‡b¨ chv³ e¨e¯’vi e¨envi:

wewfb ai‡bi gva¨g e¨envi K‡i Mvgxb Rbc‡` Rjevqy cwieZ©‡bi wec`vcbœZvi Lei †cŠ‡Q †`qvi c‡qvRbxqZv †h KZLvwb Zv BwZg‡a¨ cgvY K‡i‡Q BNNRC Ges D-net| BNNRC cwZôv K‡i‡Q i“ivj b‡jR †m›Uvi Ges D-net cwZôv K‡i‡Q MvgxY Z_¨ †K›`ª| Øxc Dbœqb ms¯’v BwZg‡a¨ wewfb cwZôvb I e¨w³i mv‡_ mn‡hvwMZv I mgš‡qi wfwË‡Z AvÂwjK †eZvi I cKvkbv gva¨‡g ce-mZKZv e¨e¯’v Ges m‡PZbZv wb‡q ZYgj chv‡q KvR Kiv ïi“ K‡i‡Q|

7. Dcmsnvi

DbœZ we‡k¦i wewfb ai‡bi KgKv‡Ûi d‡j Rjevqy‡Z †h cwieZb n‡”Q Zvi GKwU Ab¨Zg f³‡fvMx n‡”Q evsjv‡`k| GB mgm¨vi †gvKvwejv I ¶wZ Kgv‡bvi R‡b¨ miKvi, †emiKvix I ev¯—emZ c`‡¶c wb‡Z n‡e| Rjevqy cwieZb msµvš ¶wZ nªvm Kíi miKv‡ii DcPZ bxwZgvjv ‰Zix Kiv, hv‡Z ZYgj chv‡qi gvby‡li Pwn`v c~iY Kiv hvq| GKB mv‡_, miKv‡ii DcPZ mvaviY gvbl I †ckvRxex‡`i‡K m‡PZb Kivi R‡b¨ GKwU kw³kvjx Z_¨ e¨e¯’v M‡o †Zvjv|

Rjevqy cwieZ©‡b Awf‡hvRb: †`kR Ávb iwL‡Z cv‡i ¸i“ZcY fwgKv

cvbvi, KvRx mvnv`i ingvb
mgš¦qK, wbivc`
r_kazi2003@yahoo.com

fwgKv:

Rjevqy cwieZb ej‡Z cv_ee¨vcx ZvcgvÎv, evZv‡mi MwZcKwZ Ges e„wócv‡Zi cwieZb‡K †evSvq| GB cwieZb¸‡jvi d‡j cv_exi Rjevqy µgvš‡q Dò n‡”Q (hv‡K e‡j ‰ewkK DòZv) hv wKbv gvby‡li KgKvÛ Øviv †ekx cfweZ n‡”Q| we‡ki wec`vcb †`k¸‡jvi g‡aS evsjv‡`k Ab¨Zg, KviY Avgiv µgš‡q m®úófv‡e eûgvÎK Rjevqy cwieZ©‡bi m¤§Lxb nw”Q/n‡ev| AZGe, evsjv‡`‡ki R‡b¨ Rjevqy cwieZb ïaygvÎ cwi‡ek msµvšl welq bq, Dbœqb msµvšl welqI|

evsjv‡`k we‡ki `wi` †`k¸‡jvi g‡a¨ Ab¨Zg Ges A_bxwZK Dbœq‡bi ZvwjKvq me cwigv‡Y w`K w`‡q wb‡Pi w`‡K, ZvB evsjv‡`‡ki gvbl cvKwZK wechq I Rjevqy cwieZ©‡bi †¶‡Î LeB wec`vcb| evsjv‡`‡ki gvbl‡i 20% wRwWwc Avm Kwl‡¶Î †_‡K wKš KZKvi 60 fvM gvbl Kwl †_‡K Zvi Rxewe Kv wbevn K‡i, hv wKbv mg¯— A_bxwZK Rjevqy cwieZb I cvKwZK wechq‡i wec`vcbœZv evov‡q Zj‡Q| NbemwZ Rjevqy cwieZ©‡bi gvÎv I djvdj‡K evov‡q Zj‡Q Ges wec`vcbœZvi gvÎv evo‡Q, GKBfv‡e evo‡Q `ej cwZôvwbK KvVv‡gv Øviv| evsjv‡`‡ki Rjevqy cwieZ©‡bi wecbZvi LvZ¸‡jv n‡jv: Kwl, DcKjxq AÂj, cvwb m¤ú`, ebvÂj, grm, ¯^v¯’¨, ev‡qvgvm Ges GbvwR|

elvKv‡j e„wócv‡Zi gvÎvi ZviZg¨, mgq I ¯’vqZ Ges cvkeZx †`‡ki cvwb cÖe‡ni ZviZg¨ Øviv MvgxY RbM‡Yi, m‡ev©cwi MvgxY `wi` gvbl mgK evsjv‡`‡k gvivZ¥Kfv‡e ¶wZM¯— n‡”Q| evsjv‡`k †hme Rjevqy SyuK‡Z Avµvš n‡”Q †m¸‡jv n‡jv: b`x AeewnKv I DcKjxq eb¨v, b`x fv½b, Mx®§KvjxY NwYSo I Liv|

Rjevqy cwieZ©‡bi mv‡_ Lvc LvIqv‡bv:

Rjevqy cwieZ©‡b Lvc LvIqv‡bv ej‡Z ev¯—e mg¯^q A_ev wm×v‡šÍi cwi‡e‡ki cwieZb, †hUv †kl chš †cŠuQ K‡i c‡ei Ae¯’vq wd‡i Avmvi (Resilience) A_ev Rjevqy cwieZ©‡b cwijw¶Z Ges m¤¢ve¨ wec`vcbœZv Kgvq| evsjv‡`‡k Rjevqy cwieZ©‡bi SyuK †UKmB Dbœq‡bi mv‡_ Awe‡”Q`¨fv‡e m¤úK©hyZ| AZGe Dbœq‡bi R‡b¨ Aek¨B LvcLvIqv‡bv‡K DrmvwnZ Ki‡Z n‡e| Ab¨w`‡K DcKjxq Ges m‡cq cvwb‡K AvaK ¸iZ mnKv‡i †`Lv, KviY Rjevqy cwieZb †UKmB Dbœqb‡K evavM¯— Ki‡i|

RbM‡bi AskMn‡bi gva¨‡g Pwn`vwbi‡ic Ki‡i Awf‡hvRb wekev¨wc mgv`‡Z| evsjv‡`k miKvi bvcv (b¨vkbvj GWvc‡Ukb †cvMÖvg Af G¨Kkb) ˆZix K‡i‡Q †mLv‡bI cwi‡ekMZ Ávb (†`kR Ávb mn) Avni‡bi Dci cvab¨ †`qv n‡q‡Q|

Rjevqy cwieZ©‡bi Awf‡hvR‡b †`kR Ávb:

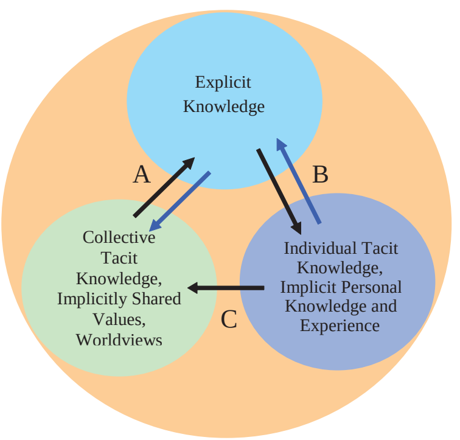
Ávb nj †gŠwjK Dbœqb m¤ú` Ges Povšfv‡e wk¶b cµqvi dj (Freire, 1973)| ‡`kR Ávb wPýZ n‡q‡Q MvgxY Rxebh vÎvi Ges cvKwZK m¤ú` e¨e¯’vcbvi †¶‡Î, †hUv Drcb n‡q‡Q m¤úbfv‡e cR‡b¥i wk¶b AwfÁZvq Ges mgx n‡q‡Q mg‡qi mv‡_ ewn¨K Ávb Øviv (Kolb, 1984)| kZkZ eQi a‡i mvavib RbMb Awf‡hvRb c×wZi Awe®‹vi I Dbœqb K‡i‡Q Ges GKB fv‡e RbM‡bi wekvm, wk¶b Ges Ávb Dbœq‡bi R‡b¨ e¨eüZ n‡”Q| weke¨vcx †`kR Ávb e¨env‡ii ¸i“Z †hfv‡e AbaveZ Ges e¨envi †hfv‡e e„w× cv‡”Q †mB Zjbvq evsjv‡`‡k Kg DrmvwnZ n‡”Q| wewfb ai‡bi †`kR Ávb LeB mn‡R Awf‡hvwRZ nq KviY ¯’vbxq-mvgvwRK-AvPvi AvPi‡Yi mv‡_ Dc‡hvMx Ges mvavibfv‡e †UKmB I µq ¶gZvi g‡a¨|

Gikqvi A_bxwZK Dbœq‡b †`kR Ávb g‡Wj ˆZix K‡i‡Qb Nonaka and Reinmoller (1998), Zviv †Póv K‡i‡Qb eS‡Z ms¯’wZK e¨wß wbR ˆZix nIqv Ávb| g‡W‡j Pvi ai‡Yi Ávb ˆZixi ai‡bi K_v ejv n‡q‡Q| aiY¸‡jv n‡jv:

1. ewn¨wKKiY/msh‡hvRb (Externalization/Articulation): †gŠb (Tacit) Ávb mbw`ó (Explicit) Áv‡b cwieZb
2. AvË¯’Kib (Internalization): mbw`ó Ávb †gŠb Áv‡b cwieZb
3. mvgvwRKib (Socialization): †gŠb Áv‡bi †hŠ_ mRb
4. wgkY/mskqwšZ Kiv (Combination/Systematization): mbw`ó Ávb GKxÎ Kib

‡gŠb Ávb nj AwfÁZv jã Ávb hv GKKfv‡e AvË¯’Kib A_ev mn¤§jZfv‡e Askx`vi nIqv| K‡_vcK‡_bi gva¨‡g mbw`ó Ávb webgq Kiv, mskqwšZKi‡bi AwfMg¨Zv ˆZix Ges Askx`wi‡Zi wfwË‡Z eSv| mgvR †gŠb I mbw`ó Áv‡bi mgš‡qi w`‡K bRi w`‡q KvhKi wk¶b AMÖMZ mva‡b mnvqZv Ki‡Z cv‡i|

Endogenic learning through knowledge
Conversion between spheres of knowledge



Explicit Knowledge
A
B
Collective Tacit Knowledge, Implicitly Shared Values, Worldviews
Individual Tacit Knowledge, Implicit Personal Knowledge and Experience
C

A: Between explicit and tacit collective knowledge
B: Between explicit and tacit individual knowledge
C: Between the spheres of tacit knowledge

Awf‡hvR‡bi fwel¨r †KŠkj:

evsjv‡`k miKvi cwiZôvwbK ¶gZv e„w×i Rb¨ Rjevqy cwieZb †K›`ªMvb K‡i‡Q| †hUvi Afve †mUv n‡jv `¶Zv ms¯’v, AvšRvwZK I †`kxq ms¯’v¸‡jvi g‡aS mgš‡qi Afve| evsjv‡`k miKvi wewfb cwZôvb/ms¯’vi gva¨ mgš‡qi gva¨‡g bvcv (NAPA) ev¯—evqb Ki‡Z cv‡i wbgœ³ †KŠkj¸‡jv we‡ePbv K‡i:

- ‰eÁvwbK Ávb Øviv mnvqZvi gva¨‡g †`kR Ávb e¨e¯’vcbv Kiv:

GUv AwfÁZvi Dci wfwË K‡i Kiv nq hvi DcKvwiZv kZ eQi a‡i cwi¶wZ Ges Aš¦ó Øviv AYveb Kiv Ges cZ¨¶ Kiv, hv ¯’vbxq ms¯’wZK cwi‡e‡ki mv‡_ m¤úwKZ| GUv MvZkxj I RwUj Ges Áv‡bi e¨envi I mvgMÖx gva¨ mgwe× bq eis cµqv m¤úwKZ| ¯’vbxq †`kR Ávb msMn K‡i Zv ¯’vbxj AvKv‡i ˆeÁvwbK Ávb Øviv mnvqZv Ki‡Z n‡e| ¯’vbxq Ávb Ges wk¶b wec`vcb gvby‡li KvQ †c‡šQ w`‡Z n‡e Ges Zv‡`i‡K Zv‡`i mveagZ Awf‡hvRb Ki‡Z DrmvwnZ Ki‡Z n‡e|

- Rxebavivi ¯’vwZkxjZvq mnvqZv Kiv:

Kvhµ‡g D‡`¨v³ cvPxb Ávb‡K D¾xweZ Ki‡Z n‡e| Kvi I ‡¶‡Î bZb Aveó¡‡ii e¨envi, Av‡qi LvZ‡K eûgLx Kib|

- mvgvwRK MwZkxjZvq mnvqZv Kiv:

¯’vbxq cvPxb Ávb hv RbMb e¨envi K‡i‡Q Zv Awf‡hvR‡bi R‡b¨ `iKvi mvgvwRK MwZkxjZv| †hmKj ¸iæZ¡c Awf‡hvR‡bi ¶gZv wbavib K‡i Zvn‡j m¤ú‡`i c‡ekvwaKvi I wbqš¿Y, Z_¨, cÖhyw³, `¶Zvq, KvwiMwi c‡ekvwaKvi; Ges Rb‡MvôxK wm×vš †bqvi ¶gZv, wbfi‡hvM¨ bxwZ¸‡jv Ges cvwZôvwbK ¶gZv| AZGe, Rjevqy cwieZ©‡bi wec`vcbœZv Kgv‡bvi R‡b¨ AvaKvi wfwËK `„wófw½ LeB ¸i“ZcY|

- ¯’vbxq m¶gZv e„w× (M‡b, Rb‡MvôxZ, cwZôv‡b):

¯’vbxq Askx`vwiZ, †emiKvix (GbwRI) I Rb‡MvôxfwËK cwZôvb (wmweI) Ges miKvix cwZôvb Askx`vwiZ cwZôv‡bi gva¨‡g ¯’vbxq Ávb e¨env‡ii|

Avgiv Zv‡`i AwfÁZvi Ges Aš¦`„wói gva¨‡g wk¶YxqMY Kiv Ges GKB mv‡_ Zv‡`i‡K ¶gZvq‡bi R‡b¨ wbgœ³ wel‡q¸‡jv‡Z mvnvh¨ Kiv-Rjevqy SyuK we‡kl‡b h_vh_ Awf‡hvRb c×wZ wbav‡ib Ges GBme Ávb‡K cwiKíbv Ges wm×vš MnY‡bi m‡½ mgš‡q Ki‡Z|

Reference
1) **Nonaka, I. and Reinmöller, P.** (1998), The legacy of learning: Toward endogenous knowledge creation for Asian economic development. Jahrbuch: WBZ.

2) **Freire, P.** (1973) Education for critical consciousness. Continuum, New York.

Rjevqy cwieZb Ges evsjv‡`k: bxwZ I cwiKíbvK †cÖw¶Z

bvwmgj nK
KvB‡gU P¨vÄ †mj
nasimul.haque@cdmp.org.bd

evqgÛ‡ji ZvcgvÎv e„w×i d‡j bvRiwenxbfv‡e Avgv‡`i Rjevqy cwieZb n‡”Q| Gi cfve evsjv‡`‡ki gvby‡li †P‡q Ab¨ †KD fv‡jv Rvb‡bbv, KviY j¶ j¶ gvbl Gi f³‡fvMx| KviY evsjv‡`‡ki Abb¨ †fŠMwjK Ae¯’vb, eb¨v ceb GjvKvi cvab¨, mg` cô †_‡K Kg D”PZv, NbemwZ, `wi`Zvi cv`fve Ges m¤ú` I †mevi Rb¨ cKwZi Dci †ekx wbfikxjZv| evsjv‡`‡ki BwZnvm e‡j Rjevqy cwieZ©‡bi PiggvÎv wKfv‡e j¶ j¶ †jv‡Ki Rxeb I Dbœq‡bi aviv e`‡jZ K‡i‡Q|

Rjevqy cwieZb wewfb ¶wZ gvÎv‡K Av‡iv evov‡q w`‡”Q| elvKv‡j e„wócvZ e„w× KviY cej I AvKw¯§K eb¨vi nvi I gvÎv evo‡Q| MZ `k eQ‡i evsjv‡`k 1998, 2004 I 2007 Gi cjq¼ix eb¨v Øviv ¶wZM¯— n‡q‡Q| b‡f¤^i 2007 Gi fqven NwYSo wmWi Zvi MwZc‡_ DcK‡ji m›`ie‡bi e¨vcK ¶wZ mvab K‡i‡Q| Aí mgq cPi e„wócv‡Zi Kvi‡b fugaÿm n‡q‡Q| ‰kZ¨cev‡ni e¨wßKv‡ji Rb¨ gvby‡li Rxeb I dm‡ji e¨vcK ¶wZmvab n‡q‡Q| DcK‡ji Livi cv`fve †`Lv w`‡”Q| Lvivc Avenvl qv DcK‡j gvQaiv SyuKcY K‡i Zz‡j‡Q| Rjevqy cwieZ©‡bi Rb¨ eb¨v, NwYSo Ges Liv e¨vcKfv‡e †`Lv w`‡”Q Ges ¶wZM¯— n‡”Q †`k I RbMb| GB cv_wgK j¶Y¸‡jv n‡jv ‰ewkK DòZv| evsjv‡`‡ki mg`cô D”PZvi Kvi‡b mgy‡`ª w`b¸‡jv‡Z cvq 25 wgwjqb gvbl Rjevqi DØv¯— n‡e|

evsjv‡`‡ki RbMb Gi mvgvwRK e¨e¯’vq wKQ Ávb I AwfÁZv µ‡g µ‡g ARb K‡i‡Q| cwieZbkxj Rjevqi d‡j Avgv‡`i m¤ú`, wewb‡qvM Ges fwel¨r ¶wZM¯— n‡”Q| †hUv mgvb fv‡e M‡b, Rb‡MvôxZ Ges iv‡óªi †¶‡Î c‡hvR¨| ˆewkK DòZv Ges Rjevqy cwieZb emwZ I m¤ú‡`i Rb¨ SyuKcY Ges hLb RbMb I miKvi †Póv K‡i Zv KvUv‡q I‡V ZLbB Avevi GKwU Avc` G‡m †`Lv †`q| cvZ eQiB b`xfv½b, ¯’vqxfv‡e Wz‡e hvIqv Ges mg` c„ôi wbg D”PZvi Kvi‡b fwg †_‡K ¯’vbP¨Z gvby‡li msL¨v evo‡Q| ‰ewkK DòZv Ges Rjevqy cwieZb Avgv‡`i Dbœq‡bi c‡Póv, wbivcËv I bZb cR‡b¥i fwel¨r‡K evaM¯— K‡i‡Q|

Ab¨vb¨ SyuKcb †`k¸‡jvi gZ evsjv‡`‡ki Dbœq‡bi aviv‡K AYmib Ges RwZ wnm‡e msMvg Ki‡Z n‡e Zv‡`i wec`vcbœZv, ms‡e`bkxjZv Ges ¶gZv‡K gv_vq †i‡L Rjevqi SyuK Ges Awf‡hvRb e¨e¯’vcbvi| GB aviveunKZvq evsjv‡`k we‡`¨gvb mgm¨v¸‡jv‡K g‡b †i‡L wKQ mvnmx c`‡¶c MnY K‡i‡Q| Avgv‡`i mg¯— kw³ w`‡q fwel¨r‡K i¶v Ki‡Z n‡e| Af¨šiY Ges ewn‡ii c‡qvRbxq m¤ú` I mnvqZvi gva¨‡g Avgv‡`i Kg¨vY I Dbœq‡bi Aek¨B mnbxqZv Ki‡Z n‡e| G‡K A‡b¨i ¶gZvi Askx`vwi‡Zi gva¨‡g Rjevqy cwieZ©‡b wbR‡i`i‡K ˆZix Ki‡Z cvwi| cvq c‡iv evsjv‡`k Rjevqy cwieZ©‡b ¶wZM¯— n‡e|

ZvB fwe‡Z I eS‡Z n‡e wKfv‡e Gme mgm¨v Avgv‡`i eZgvb I fwel¨r cRb¥‡K SwKi gva¨ †d‡j|

bxwZ w`K¸‡jv

evsjv‡`‡k Rjevqy cwieZ©‡bi SyuK †gvKvwejvi Rb¨ †Kvb mgwšZ RvZxq bxwZ bvB| hw`I miKvi Rjevqy cwieZ©‡bi ¸i“Z m¤ú‡K AvZ| G‡`‡ki BwZnvm Rjevqy cwieZ©‡bi ms‡e`bkxjZvi Ges Pig Avenvl Iqvi dj¸‡jv eb¨v Ges NwbSo Gi K_v e‡j| evsjv‡`‡k wKQ bxwZgvjv Av‡Q hv Rjevqy cwieZ©‡bi mv‡_ m¤úwKZ³| †m¸‡jv n‡jv-

- K. AcZ¨¶ Kvhµg Øviv Rjevqy cwieZ©‡bi djvdj‡K wec`vcbœZv Kgv‡bvi gva¨‡g †gvKvwejv Kiv (`wi`Zv wbimb, Kgms¯’vb m„wó, dm‡ji eûgLxKib, BZ¨vw`),
- L. cZ¨¶ Kvhµ‡gi gva¨‡g Rjevqy cwieZb Ges Rjevqy cwieZ©‡bi wec`vcbœZv‡K †gvKvwejvi Rb¨ `y‡h©vM SyuK wbqšb I e¨e¯’vcbv cwiKíbv (mgwšZ `y‡h©vM e¨e¯’vcbv Kvhµg-wm.wW.Gg.wc),
- M. m‡PZbvi Rjevqy cwieZb‡K Dbœq‡bi avivq †hgb: Dbœqb cwiKíbv, LvZwfwËK cwiKíbv Ges RvZxq bxwZ‡Z Aš¦f³ |

cwiKíbvi w`K¸‡jv

evsjv‡`k 1997 mv‡j BDbvB‡UW †bmbm †d‡lIqvK Kb‡fbmb Ab KvB‡gU †PÄ (BDGbGdwmwmwm) ¯^v¶i K‡i‡Q †hUv 1994 mv‡j Ab‡gv`Z n‡q‡Q| evsjv‡`‡ki cwi‡ek I eb gš¿Yvjq BDGbGdwmwmwm mgšq Ki‡i| evsjv‡`k 1994 mv‡j MvZ RvZxq Rjevqy cwieZb KgwU bxwZ I †bZZ Ges ev¯—evq‡bi ˆbwZK evaev¨evaKZvi Rb¨ `wqZcvß, hvi m`m¨ mKj miKvix I †emiKvix cwZôvb †_‡K MwVZ| GQvov GB j‡¶ cwi‡ek Awa`ß‡i Rjevqy cwieZb †mj MVb Kiv n‡q‡Q| Rjevqy cwieZb msµvš Ab¨vb¨ miKvix cwZôvb¸‡jv Aš¦tgšYvjq Rjevqy cwieZb KgwU‡Z Aš¦f³, hvi kvjI Av‡Q Gg I Gd (MoEF) Ges cwZwbaZKvix Ab¨vb¨ m¤úKh³ LvZ‡i gšYvjq, ms¯’vmgn, GbwRI Ges M‡elYv cwZôvb mgn| GQvov RvZxq cwi‡ek KgwU Av‡Q hviv cwi‡ek bxwZ wbavib K‡i hvi kvjI i‡q‡Q cavYgš¿x I Ggc‡`i cwZwbwa mv‡_ Av‡Q max mgvR| eZgvb cwiZ©wbK MVb Dbœqb cwiKíbvq, bxwZ Ges cµqvi Rjevqy cwieZ©‡bi SyuK‡K gy_vq †i‡L cbwe‡ePbv Ges ms‡kvab Ki‡Z n‡e| Zvn‡jB Rjevqy cwieZb mnbxq Dbœqb cwi‡ek ˆZix n‡e|

cwiZôvwbK KvVv‡gv †hUv mgv‡Ri Ges RvwZi Rjevqy cwieZ©‡bi d‡jK †gvKvwejvq mg_ Ges hvi gva¨‡g Rjevqy cwieZb mnbxq Dbœqb m¶gZv ˆZix n‡e Zvi Rb¨ Ab¨ hv Kiv `iKvi:

1. mKj LvZ Ges m¤úKh³ e¨w³ I cwZôvb‡K Rjevqy cwieZ©‡bi djvdj fvj fv‡e eSv
2. `wi`evÜe Awf‡hvRb cwiKíbv
3. bM‡ii Rjevqy cwieZb‡K fv‡jvfv‡e eSv
4. mk•Lj, mgwšZ Ges `xN‡gqv`x `„wófw½ wb‡q GwM‡q Avmv
5. wewb‡qvM Ges Dbœqb mn‡hvMx‡`i AskMnY mgšq
6. miKvix, GbwRI, e¨w³MZ I Rb‡Mvôxi mgšq
7. RbM‡bi AskMnY Ges m¤úK `pKib
8. mvgvwRK MwZkxjZv e„w×Kib
9. `wi`‡`i c‡ekvwaKvi evov‡bv
10. †mev, mnvqZv I wewb‡qvM evov‡bv
11. ¯’vbxq I RvZxq chv‡q m-kvmb
12. cwieZ‡bi I †hvMv‡hvM mnvqZv
13. wec`vcbœZv Kgv‡bvi fv‡jv wk¶b, Rjevqy cwieZ©‡bi Awf‡hvRb‡K DrmvwnZ I ci¯ZZ Kiv Ges gjavivq wb‡q Avmv
14. †`kR Ávb, chw³ I wk¶b‡K m¤§vb I Kv‡R jvMv‡bv

Gbm‡`vi: GKwU mg‡qvc‡hvMx c`‡¶c

†gvmvt dvinvbv Av³vi
‡cvMÖvg Awdmvi-wimvm GÛ cvewj‡KkbÝ
farhana.hira@gmail.com

Avgiv gvbl iv cwZwbqZ Avgv‡`i bvbvai‡bi KgKvÛ Øviv Avgv‡`i cwi‡ek Ges Gi fvimvg¨‡K bó Kiv‡Q| d‡j cv_ex cwZw`bB Av‡iv †ekx cwigv‡b DËß n‡”Q Ges wewfb ai‡bi mgm¨v ˆZix K‡i‡Q| †hgb: Rjevqy cwieZb, cwi‡e‡ki fvimvg¨nxbZv, I‡Rvb ¯—‡ii ¶q, BZ¨vw`| G¸‡jvi g‡aS cv_exi R‡b¨ Rjevqy cwieZb me‡P‡q fqven we‡kl K‡i ZZxq we‡ki †`k¸‡jvi R‡b¨| ZZxq we‡ki Ges GKwU `y‡hvM ceb †`k wnm‡e evsjv‡`k Rjevqy cwieZ©‡bi wec`vcbœZv A‡bK †ekx| Rjevqy cwieZb ïa Avgv‡`i cKwZi DciB cfve †dj‡ebv, GwU Avgv‡`i Rxeb hvÎv, ¯^v¯’¨, Lv`¨ wbivcËv Ges Av‡iv A‡bK wKQi DciB cfve †dj‡e| we‡kl K‡i †`‡ki DcKjxq AÂ‡ji gvbl n‡e Gi cavb f³‡fvMx, KviY GB cwieZZ Rjevqy cvKwZK `y‡h©v‡Mi msL¨v evov‡q w`‡”Q|

eZgv‡b cv_ee¨vcx m‡PZb gvbl Ges wewfb cwZôvbmgn GB e¨vcv‡i wPšv Kiv Ges KvR Kiv ïi“ K‡i‡Q| mZivs Avgv‡`i DwPZ hZ `ªZ m¤¢e Rjevqy cwieZ©‡bi wec`vcbœZv Kgv‡bvi R‡b¨ KvR ïi“ Kiv| GB cwi‡cw¶‡Z m¤¢cvZ evsjv‡`‡k mggbv wKQ cwZôvb we‡kl K‡i wKQ †emiKvix ms¯’v (¯’vbxq I RvZxq) GKwU mgšq cwil` MVb K‡i‡Q, hvi bvg ÔGbwRI †KvW©‡bkb KvDwÝj di KvB‡gU P¨vÄ-Gbm‡`viÕ (NGO Coordination Council for Climate Change-NC4) hvi mwPeK mnvqZvq i‡q‡Q weWwcwm (BDPC)| eZgv‡b cvq 100 cwZôvb GB KvDwÝ‡ji mv‡_ h³ n‡q‡Q, hv‡`i cavb D‡Ïk¨ n‡”Q-evsjv‡`‡ki gvby‡li we‡kl K‡i Avµvš gvby‡li Rjevqy cwieZ©‡b Awf‡hvwRZ nIqvi ¶gZv e„w× Kiv|

†Kb Gbm‡`vi?

Rjevqy cwieZ©‡bi fqven cfve Avgv‡`i `iRvq AvNvZ Ki‡Q, ZvB Avgv‡`i DwPZ GB wechq †gvKvwejv Kivi R‡b¨ c¯ZZ nIqv| evsjv‡`‡ki gvby‡li R‡b¨ GKwU i“i ev¯—eZv n‡”Q GB mgm¨v‡K mvVK fv‡e †gvKvwejv Kiv Ges GB Ae¯’vq Awf‡hvwRZ nIqvi R‡b¨ Avgiv GL‡bv m¶g bB Ges GwU †`‡ki Dbœqb Kv‡Ri mgqI we‡ePbv Kiv n‡”Qbv| GgbwK evsjv‡`k miKvi Ges Ab¨vb¨ Dbœqb ms¯’v, ‡jvI Rjevqy cwieZ©b mgm¨vwU‡K mwVKfv‡e wPýZ Ki‡Qbv| GB Ri“ix Ae¯’vwU‡K we‡ePbv K‡i Ges †`‡ki Avµvš Rb‡Mvôxi R‡b¨ wKQ Kivi gvbmwKZv wb‡q cv_wgKfv‡e 17 wU ms¯’v Gbm‡`vi MVb Kivi D‡Ï¨vM †bq| eZgv‡b Gi m`m¨ msL¨v cvq 100 Ges GwU fwel¨‡Z Av‡iv evov‡bv n‡e|

Gbm‡`vi Gi m¤¢ve¨ Kvhvejx:

Gbm‡`vi Gi m`m¨iv AvMvgx GK eQ‡ii R‡b¨ wKQ m¤¢ve¨ c‡qvRbxq Kvhvejx evQvB K‡i‡Qb| G¸‡jv n‡jv:

1. Z_¨ msMn, Askx`vi Kiv Ges weZiY Kiv, †hLv‡b ¯’vbxq I †`kR Ávb I _vK‡e|
2. m`m¨ GbwRI‡`i m¶gZv I `¶Zv e„w×|
3. mnRcvV¨ Ges KvhKix wk¶v I †hvMv‡hvM DcKib ˆZix Kiv|
4. Rjevqy cwieZb‡K †gvKvwejv Ges Gi mv‡_ Awf‡hvwRZ nIqvi R‡b¨ m‡PZbZv Awfhvb/cPvi Kiv|
5. Gbm‡`vi Gi R‡b¨ †KŠkjcÎ ˆZix (ZYgj I RvZxq chv‡q)|
6. Gbm‡`vi Gi KvVv‡gv ˆZix
7. GKwU ¯’Zš mwPevjq ¯’vcb Kiv
8. Z_¨ e¨vsK ˆZix Kiv
9. Rjevqy cwieZb wel‡q GW‡fv‡Kmx, jwes Kiv (¯’vbxq, RvZxq I AvšRvwZK chv‡q)

m`m¨ GbwRI‡`i fwgKv

GB KvDwÝ‡ji m`m¨ n‡e ¯’vbxq Ges RvZxq mggbv GbwRI mgn| G‡`i fwgKv _vK‡e wbgœic:

1. m`m¨ wnm‡e KvR Ki‡e|
2. ¯’vbxq Ávb I m¤ú` e¨env‡i mnvqZv Ki‡e|
3. gvV chv‡qi AwfÁZv‡K mevi mv‡_ wewbgq I weZiY Ki‡e|
4. Zv‡`i cavb KgmPxi mv‡_ Rjevqy cwieZ©‡bi welqwU‡K I h³ Ki‡e|

Gbm‡`vi Gi c_g Kgkvjv:

MZ 08 Rb, 2008, ewikvj G evsjv‡`k †Wfjc‡g›U †mwmbvwU-weWwcwm Gi m‡¤§jb K‡¶ Gbm‡`vi Gi c_g Kgkvjv AbyôZ nq| ¯’vbxq cwZôvb¸‡jvi g‡aS Gbm‡`vi MV‡bi Z_¨ †`qv Ges Gi c‡qvRbxqZv Rvbv‡bvi R‡b¨ GB Kgkvjvi Av‡qvRb Kiv nq| 80wUi †ekx ms¯’vi cwZwbwa GLv‡b AskMnY K‡i GB KvDwÝ‡j †hvM`vb Kivi Ges Rjevqy cwieZ©‡bi cfve wb‡q mw¤§wjZfv‡e KvR Kivi ¯’ZùZ B”Qv cKvk K‡i| AskMnYKvixiv wewfb †¶‡Î Zv‡`i gZvgZ cKvk K‡i Ges wKfv‡e KvDwÝj‡K KvhKix I mµq Kiv hvq †m e¨vcv‡i civgk †`q|

Gbm‡`vi Gi c_g Kgkvjv

Gbm‡`vi Gi e¨q-wbev‡n Askx`wiZ:

m`m¨ msMVb wfwËK mgšq KvDwÝj nIqvq m`m¨iv wb‡RivB GB ms¯’wi e¨q (ckvmwbK I KgmPx) Askx`vwi‡Zi wfwË‡Z wbevn Ki‡e| c‡Z¨K m`m¨ eQ‡i 5000 UvKv K‡i Pv`v †`‡e, KvDwÝ‡j Zv‡`i Ae`vb wnm‡e| cwZeQi GB wnmve cYe‡ePbv Kiv n‡e| mwPevj‡qi Rb¨ `Rb KgKZv KvR Ki‡e| weWwcwm Gi óvd‡`i ¶gZvqb I Ab¨vb¨ wel‡q mnvqZv Ki‡e|

Avkv Kiv hvq †h, Rjevqy cwieZb wb‡q KvR Kivi †¶‡Î Gbm‡`vi GKwU gvBjdjK wnm‡e cwZô cv‡e Ges evsjv‡`‡k Rjevqy cwieZ©‡bi cfve‡K gKvwejv Kivq ¸i“Zcb fwgKv ivL‡e|