











National Review Meeting

The National Programme on Climate Change and Human Health

New Delhi 2021

State: Meghalaya

State Nodal Officer: Dr. S.S. Nongbri



NPCCHH Activities 2020-21/21-22 & Budget Proposed/Expended for F.Y. 2021-22



S.No	Activities	Sanction in 2020-21	Sanction in 2021-22	Expenditure till date (%)	Reason for less utilisation	Plan of spending by March 31 st 2022	Reason for non proposal
1	3.3.3.3 Training of Panchayati Raj Institutions/ Block level training	Not Sanction	Not Sanction				
2	9.5.29.8a. Training at State levelb. Training at District level	Not Sanction	8.35	2.40	 2 days training in the State has been planned for DNOs & stakeholder. 2 days training in the districts has been planned. 1day for MOs & Paramedical staff and 1 day for Health workers. The above trainings will be conducted on the months Jan and Feb 2021. 	6.00	
3	16.1.2.1.23 State and district level Task force meetings (multi-sectoral)	Not Sanction	Not Sanction	0.00	-	-	
4	 16.1.2.1.24 a. Sensitization workshops/meeting at State level b. Sensitization workshops/meeting at District level 	Not Sanctione d	Not sanction		 2 days workshops in the State has been planned for DNOs & stakeholder. 2 days workshops in the districts has been planned. 1day for MOs & Paramedical staff and 1 day for Health workers. The above workshop will be conducted on the months Feb and March 2021. 		Workshop & sensitization are included in Training state & District level
5	5.1.1.2.13a. Greening of health care facilitiesb. Climate resilient Healthcare facilities	Not Sanction					3



NPCCHH Activities 2020-21/21-22 & Budget Proposed/expended for F.Y.2021-22 contd...



S.No	Activities	Sanction in 2020-21	Sanction in 2021- 22	Expenditure till date (%)	Reason for less utilisation	Plan of spending by March 31 st 2022	Reason for non proposal
6	10.2.14a. Vulnerability Need Assessment (VA) related to Climate Change and Healthb. Research on climate variables and impact on human health	Not Sanctioned	Not Approved	0.00			
7	11.24.4.4 IEC	Not Sanctioned	12 lakhs	0.00	Already processed.	Activities like mass media, Posters, Audio -Videos will be completed by Feb & March 2021.	
8	12.17.3 Printing	Not Sanctioned	3 lakhs	0.00	Already processed.	Activities like printing of training modules & other will be completed by Jan & Feb 2021.	
9	16.4.1.5.2 Consultant Climate Change	Not Sanctioned	Not Sanctioned	0.00			Due to excess Budget in HR proposal could not be made
10	Other						



Deliverables



SI.N o.No	Major Milestones	Definition	Targets/Achieve ment during FY 2020-21	Targets/ Achievements for FY 2021-22
1	Strengthening of State level organizational structure	 1.1. Appointed State Nodal Officer-Climate Change (SNO-CC) 1.2. Constituted Governing Body under Hon'ble Health Ministers of State 1.3. Set up multi-sectoral Task Force under Principal Secretary (Health) 1.4. Established Environment Health Cell (Yes/No) 	Υ	Υ
2	Strengthening of District level organizational structure	 2.1. How many Districts have appointed District Nodal Officer-Climate Change (DNO-CC) 2.2. How many Districts have set up multi-sectoral Task Force under District Collector 2.3. How many Districts have established Environment Health Cell (EHC) 	N	N
3	Consultant Climate Change and Health	3.1. Whether the State has appointed Consultant Climate Change and Health as per posts approved in ROP 2020-21	NO	No



Deliverables contd...



SI.No	Major Milestone	Definition	Targets/ Achievement during FY 2020-21	Targets/Achieve ments for FY 2021-22
4	State Action Plan Climate Change and Human Health(SAPCCHH) inclusive of air pollution and heat action plans	Has the State published the SAPCCHH?	No	Already in processed. We will update when its is done.
5	Task Force meetings with Date of meetings Governing Body Meetings with Date of meetings	How many meetings conducted in the Year 2020-21?	No	No

1



Deliverables contd...



S. N o.	Major Milestone	Definition	Targets/ Achievement during FY 2020-21	Targets/Achie vements for FY 2021-22
6	Air pollution & Health	 Has the State identified the priority cities and designated the /sentinel hospitals for initiation of surveillance in context of air pollution? How many of these sentinel hospitals have initiated reporting of surveillance data? Issuance of Health Advisory on Air Pollution (Y/N) IEC translation /dissemination (Y/N) Development of Health sector preparedness plan on air pollution if any 	Yes 2 N	Yes 2 Yes
7	Heat and Related illness	 FY 2020-21 /2021-22 Reporting (Y/N) Advisory/IEC: (Y/N) Heat alerts disseminated (Y/N) FY 2021-22 To Prepare Heat Preparedness plan IEC/Meeting/ Hospital preparedness etc planned 	N	No



Deliverables contd...



S.No.	Major Milestone	Definition	Targets/ Achievement during FY 2020-21	Targets/Achiev ements for FY 2021-22
8	Awareness Activities	IEC Activities done. Date , Mode (Radio/TV/ Newspaper/Hoardings) Any other activity •Sensitization •International Day Celebration	No	
9	Training	Any training conducted for health professionals/workers in the state ? Briefly mention	Yes. Training of Medical Officer & Health Staffs (4 CHCs & 10 PHCs)	
10	Vulnerability Need Assessment	Has the State started the VNA on climate sensitive disease?	No	
11	Green and Climate Resilient Healthcare	 Has the State undertaken any assessment for Green and Climate Resilient healthcare facilities and details if any Whether the State is undertaking/undertaken any Green and Climate Resilient healthcare infrastructures development/retrofitting and details if any Any further actions: please specify 	No	
12	Research	Has the State started any research on climate sensitive disease?	No	





Issue and Challenges

- Full time Climate Change Consultant should be appointed.
- More man power should be involved in order to run the Programme smoothly, as of now only two persons were nomonated to take charge the Climate Change Programme i.e., State Entomologist (IDSP) & State Accountant (TB).





STATE PROGRAMME IMPLEMENTATION ON CLIMATE CHANGE & HUMAN HEALTH, MEGHALAYA, 2020-2021

- Due to Covid-19 crisis only few activities has been done in our State on Climate Change Programme.
- In this regards I would like to share below few activities what we have done in our State for the month of March and April 2021:-
- 1. The Post of Consultant Climate Change has been assigned to the State Entomologist IDSP on February, 2021, to take charge all activities related to Climate Change.
- 2. The last review meeting was held on March, 2021 at NHM conference hall chaired by Mission Director and State Nodal Officer Climate Change to discuss the plan activities for Climate Change Programme to be conducted in the month of March, 2021.
- 3. The total amount 3 lakhs has been approved as committed expenditure through note sheet for conducting activities for the month of March, 2021 i.e. one lakh has been approved under budget heads of IEC & BCC and other two lakhs under Sensitization Workshop/meetings of the state and districts Health Department officers on Climate change and Human Health (FY:2019-2020).
- 4. Designing and Printing of IEC materials on Air Pollution, Impact of Climate Change on Human Health and How Climate Change affect Vector Borne Diseases has been done (500 Nos.) in the month of April, 2021.
- 5. One day training at the State level has been conducted to District Medical and Health Officer on the topic "Impact of Climate Change on Human Health" held on 14th April, 2021.
- 6. The training of the Medical officers and Health Staffs in selected CHCs and PHCs about Impact of Climate Change & Human Health has been conducted from 21st April, 2021 and completed on 30th April, 2021.
- 7. Spot mapping has been done in selected CHCs and PHCs.





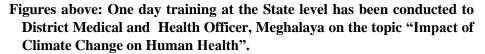


Figure above: - The training of the Medical officers and Health Staffs in selected CHCs and PHCs about Impact of Climate Change & Human Health.

GOVERNMENT OF MEGHALAYA HEALTH & FAMILY WELFARE DEPARTMENT

Dated Shillong, the 22nd October, 2019.

No. Health.95/2018/145: The Governor of Meghalaya is pleased to constitute the State Level Governing Body for Environmental Health for Climate change and Human Health with the following members:

1	Minister, Health & Family Welfare Department	-Chairman
2. 3. 4. 5. 6. 7. 8. 9. 10 11 12 13 14 15 16 17 18 19 20	Mission Director-National Health Mission. Principal Secretary/Com & Secretary/Secretary, Revenue & Disaster Management Department. Principal Secretary/Com & Secretary/Secretary Agriculture Department. Principal Secretary/ Com & Secretary/Secretary, Water Recourses/PHE Department. Principal Secretary/ Com & Secretary/Secretary, Transport Department. Principal Secretary/ Com & Secretary/Secretary, Animal Husbandry & Vety Department. Principal Secretary/ Com & Secretary/Secretary, Forest & Environment Department. Principal Secretary/ Com & Secretary/Secretary, Social Welfare Department.	-Vice Chairman Member Secretai -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member -Member
22	. State Nodal Officer, Climate Unange. Head-NAPCCHH,CEO&CCCH Division, NCDC. Director Health Services(MCH&FW-Cum-Jt. Mission Director, NHM	-Member -Member

This cancels this Department's Notification No.Health.95/2018/102, dt.12.06.2019

Sd/-(Pravin Bakshi, IAS) Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

Dated Shillong, the 22nd October, 2019.

Memo.No. Health. 95/2018/145-A Copy to: -

- 1. P.S to the Hon'ble Minister, Health & Family Welfare Department for kind information of the Minister.
- 2. Principal Secretary/ Com & Secretary/Secretary ,Agriculture /Water Recourses/PHE/Transport/Animal Husbandry/ Environment & Forest/ Social Welfare/Planning/Education / Public Works / Power/Urban Development/Finance/Law/Food & Civil Supplies/Revenue & Disaster Management Department.
- 3. Secretary, Health & Family Welfare Department.
- 4. Mission Director, National Health Mission, Meghalaya, Shillong with reference to letter No.HSM/IDSP/Climate/C/2017, dt. 12.9.2019 for information and necessary action.
- 5. Director of Health Services (MI)/(MCH&FW)/(R) Meghalaya, Shillong.
- 6. Regional Director, Regional Office of Health & Family Welfare, Govt. of India, Dhankheti, Shillong.
- 7. Director Printing & Stationery, Meghalaya, Shillong for kind publication in the next issue of the Gazette.
- 8. State Nodal Officer, Climate Change.

Yours faithfully.

Under Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

GOVERNMENT OF MEGHALAYA HEALTH & FAMILY WELFARE DEPARTMENT

NOTIFICATION

Dated Shillong, the 22nd October, 2019.

cretary

No. Health.95/2018/146: The Governor of Meghalava is pleased to constitute the State Level Task Force for Environmental Health to oversee the implementation of the State Action Plan for Climate Change & Human Health (SAPCCHH) with the following members:-

1.		Chalana
	Welfare Department	-Chairman
2.	Mission Director-National Health Mission.	-Vice Chairma
3.	Director of Health Services (MCH&FW) & Joint Mission Director, NHM.	-Member Sec
4.		-Member
5.		-Member
6.		-Member
7.		-Member
8.		-Member
9.		-Member
). Director of Social Welfare	Member
	L. Director of Food Civil Supplies & Consumer Affairs Deptt.	-Member
		Member
	2. Chief Engineer, Public Works Department (R&B)	Member
	3. Director of Urban Affairs	Member
	1. Director of Higher & Technical Education	-Member
	5. Controller of Legal Metrology.	-Member
	5. Chief Engineer, Meghalaya Energy Corporation Ltd.	-Member
	7. Director of Institutional Finance	-Member
	3. Environmental Engineer, Meghalaya State Pollution Control Board.	-Member
19). Chief Engineer, PHE Department	-Member
20). Regional Director of Regional Office of Health & Family Welfare	111011110
	Director of Health Services (MI)/(Research)	-Member
		-Member
23	Head -NAPCCHH CEOH&CCH Division, NCDC, Ministry of Health & Family Welfare	-Member
		-Member
22	. State Nodal Officer, Climate Change I. Head -NAPCCHH,CEOH&CCH Division, NCDC, Ministry of Health & Family Welfare I. Head –NCDC Branch of the State	

The Task Force of the State Environmental Health Cell will coordinate with the centre (MoHFW,NCDC) for execution of execution of State Action Plan for Climate Change & Human Health (SAPCCHH) This cancels this Department's Notification No. Health. 95/2018/103, dt. 12.06.2019

> (Pravin Bakshi, IAS) Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

Memo.No. Health. 95/2018/146-A Copy to: -

Dated Shillong, the 22nd October, 2019.

- 1. P.S to the Hon'ble Minister, Health & Family Welfare Department for kind information of the Minister. 2. Secretary, Health & Family Welfare Department to the Govt. of Meghalaya for favour of information.
- 3. Mission Director, National Health Mission, Meghalaya, Shillong with reference to letter
- No.HSM/IDSP/Climate/C/2017, dt. 12.9.2019 for information and necessary action.
- 4. Director of Health Services (MI)/(MCH&FW)/(R) Meghalaya, Shillong.
- 5. Regional Director, Regional Office of Health & Family Welfare Health & Family Welfare Govt. of India, Dhankheti, Shillong.
- 6. Director of Land Record/Agriculture/Water Resources/Transport/Animal Husbandry & Vety/Social Welfare/Food Civil Supplies & Consumer Affairs/Urban Affairs/Higher & Technical Education /
- 7. Director Printing & Stationery, Meghalaya, Shillong for kind publication in the next issue of the Gazette.
- 8. State Nodal Officer, Climate Change.

Yours faithfully.

Under Secretary to the Govt. of Meghalaya, Health& Family Welfare Department.

GOVERNMENT OF MEGHALAYA HEALTH & FAMILY WELFARE DEPARTMENT



NOTIFICATION

Dated Shillong, the 22nd October, 2019.

No. Health.95/2018/147: The Governor of Meghalaya is pleased to create the Environmental Health Cell for Climate Change & Human Health with the Executive Members of Environmental Health Cell (EHC) as follows:-

		-Chairman
1	. State Nodal Officer, Climate Change.	-Member
7	. State Programme Manager-NHM	
	B. Additional Director Public Health/NCD	-Member
		-Member
4	Additional Director NVBDCP	-Member
1	5. Additional Director Immunization/Family Welfare	-Member
-	5. Additional Director Medical (Mental Health)	-Member
	7. State Surveillance Officer/Additional Director Epidemic	-Member
	8. Head, State Nutrition Bureau	-Member
	9. Consultant, SHSRC	-Member
	10. Additional Director ,IEC/State Mass Media	-Member
	11. State Epidemiologist, IDSP	-Member
		-Mellipei
	12. Microbiologist, IDSP	

Roles and Responsibilities of the State Environmental Health Cell

- Preparation and implementation of State Action Plan for Climate Change and Human Health. Conduct vulnerability assessment and risk mapping for commonly occurring climate sensitive illnesses in the
- Assessment of needs for health care professional (like training, capacity building) and organise training,
- Maintain State and District Level data on physical, financial, epidemiological profile for climate sensitive illnesses.
- Ensure Convergence with NHM activities and other related programs in the State/District.
- Monitor programme, Review meeting, Field observations. Timely issue of warning/alerts to health professionals and related stakeholders as well as general public through campaign or using mass media (electronic or printed)
- Social mobilization against preventive measures through involvement of women's self-help groups, community
- Advocacy and Public awareness through media (Street Plays, folk methods, wall paintings, hoardings etc.)
- Conduction of operational research and evaluation studies for the climate change and its impact on human health.

This cancels this Department's Notification No.Health.95/2018/105, dt.12.06.2019

(Pravin Bakshi, IAS) Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

Dated Shillong, the 22nd October, 2019.

Memo.No. Health. 95/2018/147-A

1. P.S to the Hon'ble Minister, Health & Family Welfare Department for kind information of the Minister. Copy to: -

2. Secretary, Health & Family Welfare Department to the Govt. of Meghalaya for favour of information.

3. Mission Director, National Health Mission, Meghalaya, Shillong with reference to letter No.HSM/IDSP/Climate/C/2017, dt. 12.9.2019 for information and necessary action.

4. Director of Health Services (MI)/(MCH&FW)/(R) Meghalaya, Shillong.

5. Regional Director, Regional Office of Health & Family Welfare Health & Family Welfare Govt. of India, Dhankheti, Shillong Director Medical Education & Research.

6. State Nodal Officer, Climate Change.

7. Director Printing & Stationery, Meghalaya, Shillong for kind publication in the next issue of the Gazette.

Yours faithfully

Under Secretary to the Govt. of Meghalaya, Health& Family Welfare Department.

GOVERNMENT OF MEGHALAYA HEALTH & FAMILY WELFARE DEPARTMENT

Dated Shillong, the 22nd October, 2019.

No. Health.95/2018/148: the Governor of Meghalaya is pleased to constitute the District Level Task Force for Environmental Health for Climate Change & Human Health in the all 11(eleven) districts with the following members:

1.	Deputy Commissioner	-Chairman
2.	Head-Department of Community Medicine of the Medical College	-Vice Chairman
3.	District Medical & Health Officer / District Nodal Officer	-Member Secretar
4.	District Surveillance Officer	-Member
5.	District Programme Manager-NHM	-Member
6.	District Revenue & Disaster Management Officer	-Member
		-Member
7.	District Agriculture Officer	-Member
8.	District Water Resources/PHE Officer	-Member
9.	District Transport Officer	-Member
10	. District Animal Husbandry & Vety. Officer	-Member
	. District Forests & Environment Officer	-Member
	District Social Welfare Officer	-Member
	. District Planning Officer	-Member
14	. District Education Officer	-Member
15	. District Food & Civil Supplies & Consumer Affairs Officer	-Member
16	District Public Work Department Officer	-Member
17	District Officer of Meghalaya Energy Corporation Ltd	-Member
	District Law Officer	-Idelliper

This cancels this Department's Notification No.Health.95/2018/104, dt.12.06.2019

(Pravin Bakshi, IAS) Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

Memo.No. Health. 95/2018/148-A

Dated Shillong, the 22nd October, 2019.

Copy to: -1. P.S to the Hon'ble Minister, Health & Family Welfare Department for kind information of the Minister.

2. Secretary, Health & Family Welfare Department to the Govt. of Meghalaya for favour of information.

3. Mission Director, National Health Mission, Meghalaya, Shillong with reference to letter No.HSM/IDSP/Climate/C/2017, dt. 12.9.2019 for information and necessary action.

4. Deputy Commissioner of District East Khasi Hills, Shillong/West Khasi Hills, Nongstoin/South West Hills, Mawkyrwat/West Jaintia Hills, Jowai/East Jaintia Hills, Khliehriet/Ri-Bhoi District, Nongpoh/West Garo Hills, Tura/East Garo Hills, Williamnagar/South Garo Hills, Baghmara/South West Garo Hills, Ampati/North Garo Hills,

5. Director of Health Services (MI)/(MCH&FW)/(R) Meghalaya, Shillong.

6. Regional Director, Regional Office of Health & Family Welfare Health & Family Welfare Govt. of India, Dhankheti, Shillong Director Medical Education & Research.

7. Director of Agriculture/AH&Vety/Urban Affairs/Land Records

8. Director, NEIGRIHMS, Mawdiangdiang, Shillong.

9. Chief Engineer, PWD(R&B)/PHE/Meghalaya Energy Corporation Ltd.

10. District Nodal Officer, Climate Change.

11. Director Printing & Stationery, Meghalaya, Shillong for kind publication in the next issue of the Gazette.

Yours faithfully,

Under Secretary to the Govt. of Meghalaya, Health& Family Welfare Department.

GOVERNMENT OF MEGHALAYA HEALTH & FAMILY WELFARE DEPARTMENT

NOTIFICATION

Dated Shillong, the 22nd October, 2019.

No. Health.95/2018/149: the Governor of Meghalaya is pleased to creat the District Environmental Health Cell for climate Change & Human Health in all the 11 (eleven) district with the following members:-

1. 2. 3. 4.	District Medical & Health Officer -Cum-Nodal Officer-Climate Change District Veterinary Officer District Surveillance Officer/District Epidemic Officer District RCH Officer/FW Officer	-Chairman -Member -Member -Member -Member
5.	District Epidemiologist	-Member
6.	District Microbiologist	-Member
7.	District Immunisation Officer	-Member
8.	District Training Officer	-Member
9.	Data Entry Operator	

Roles and Responsibilities of the District Environmental Health Cell

Preparation and implementation of District Action Plan for Climate Change and Human Health.

Conduct vulnerability assessment and risk mapping for commonly occurring climate sensitive illnesses in the

Maintain and update district database of illnesses identified in the district

Assessment of needs for health care professional and conduct sub-district /CHC training/ workshop and meetings

Ensure appointment of contractual staff and engage them in the assigned task of data management under the

Maintain District Level data on physical, financial, epidemiological profile for these illnesses.

(Pravin Bakshi, IAS) Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

Dated Shillong, the 22nd October, 2019.

Memo.No. Health. 95/2018/149-A Copy to: -

1. P.S to the Hon'ble Minister, Health & Family Welfare Department for kind information of the Minister.

2. Secretary, Health & Family Welfare Department to the Govt. of Meghalaya for favour of information.

3. Mission Director, National Health Mission, Meghalaya, Shillong with reference to letter

No.HSM/IDSP/Climate/C/2017, dt. 12.9.2019 for information and necessary action. 4. Director of Health Services (MI)/(MCH&FW)/(R) Meghalaya, Shillong.

5. Regional Director-Health & Family Welfare(GOI)

6. Director Medical Education & Research.

7. District Nodal Officer, Climate Change.

9. Director Printing & Stationery, Meghalaya, Shillong for kind publication in the next issue of the Gazette.

Yours faithfully,

Under Secretary to the Govt. of Meghalaya, Health&Family Welfare Department.

GOVERNMENT OF MEGHALAYA HEALTH & FAMILY WELFARE DEPARTMENT

NOTIFICATION

Dated Shillong, the 22nd October, 2019.

No. Health.95/2018/150: the Governor of Meghalaya is pleased to constitute the Community Health Centre/PHC Level Structure for Climate Change & Human Health with the following members:

CHC Level

-Chairman 1. Medical &Health Officer i/c -Member 2. Taluka Health Officer -Member 3. Health Education Officer -Member 4. Bock Development Officer -Membe 5. Health Supervisor

PHC Level: At the Health Facility, the responsibility for implementation will lie with the Medical Officer(Incharge) of the facility. The existing machinery of NHM will be utilised for the related activities. The Rogi Kalyan Samiti(RKS) would be reviewing and monitoring implementation at the health facility Level. The ANM, ASHA and Anganwadi worker will assist in activities related to implementation of action plan at local level.

> (Pravin Bakshi, IAS) Secretary to the Govt. of Meghalaya, Health & Family Welfare Department.

Memo.No. Health. 95/2018/150-A

Dated Shillong, the 22nd October, 2019.

1. P.S to the Hon'ble Minister, Health & Family Welfare Department for kind information of the Minister. Copy to: -

2. Secretary, Health & Family Welfare Department to the Govt. of Meghalaya for favour of information.

3. Mission Director, National Health Mission, Meghalaya, Shillong with reference to letter

No.HSM/IDSP/Climate/C/2017, dt. 12.9.2019 for information and necessary action.

4. Director of Health Services (MI)/(MCH&FW)/(R) Meghalaya, Shillong.

5. Director Printing & Stationery, Meghalaya, Shillong for kind publication in the next issue of the Gazette.

6. District Medical & Health Officers, East Khasi Hills, Shillong/West Khasi Hills, Nongstoin/South West Hills, Mawkyrwat/West Jaintia Hills, Jowai/East Jaintia Hills, Khliehriat/Ri-Bhoi District, Nongpoh/West Garo Hills, Tura/East Garo Hills, Williamnagar/South Garo Hills, Baghmara/South West Garo Hills, Ampati/North Garo Hills, Resubelpara.

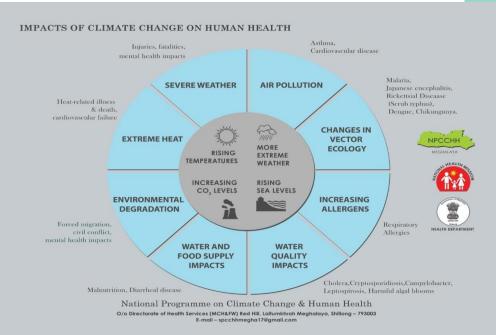
Yours/faithfully,

Under Secretary to the Govt. of Meghalaya, Health&Pamily Welfare Department















AIR POLLUTION

PEOPLE WHO ARE AT HIGH RISK











National Programme on Climate Change & Human Health

O/o Directorate of Health Services (MCH&FW) Red Hill, Laitumkhrah Meghalaya, Shillong – 793003

E-mail – spechhmegha17@gmail.com

Figures above: Printing of IEC materials on Air Pollution, Impact of Climate Change on Human Health and How Climate Change affect Vector Borne Diseases.





Thank you