



Climate and health public engagement Leadership program

Topic area: Climate change and health intersection

Session title: Cohort facilitated session

Funded by

Dalberg



Agenda

- | | |
|------------------------|----------|
| 01 Re-introductions | (15 min) |
| 02 Visions and impact | (20 min) |
| 03 Grouping challenges | (20 min) |
| 04 Building solutions | (30 min) |
| 05 Present | (30 min) |

Take 15 minutes in your groups and introduce yourselves and who you are Try not to talk about climate change and health. Talk about anything else in your life.

02 **Vision and impact**

A | Visions and impact

[Link to Google Doc](#)

Your vision for the intersection of climate and health, and the change you seek to bring about.

IN GROUPS DISCUSS

- What overall impact are you hoping to achieve through your organisation or project?
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
- Other person is there to listen in the first instance.
- Then **recount** what you **heard** back to the teller.
- **Sum up your project in one sentence and place sticky on the board.**
- Repeat with other person.

Google Doc

03 **Grouping challenges**

Google Doc

Do these challenges have similar issues?

What are the commonalities among challenges?

Find someone with a similar challenge/problem to yourself.

Spend the next 15 minutes discussing your challenge and how to approach it.

04 **Building solutions**

Insert name of your Challenge

What is the change you seek to bring about?

Intersection

How do climate change and health overlap on this issue?

Solution

How can the response incorporate health and climate considerations?

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

Activities

What needs to happen?

Resources

What are required to make it happen?

Challenges

What will the barriers and challenges be?

Impact

What could be the implications for climate change and health if we get this right?

05 Present

Take it in turns to present what you have *With other members of the cohort to ask questions after your presentation*

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Cohort 2 - Group 1

Adesola: To build the capacity of adolescents and young people to advocate for climate change and health issues.

Estrella: Recognizing the intersection to give the a new approach to design and develop of local technology in the area health.

Sokhna: To understand the interrelations between climate change, long-term care and health of the elderly to co-create actionable adaptation measures and opportunities.

Cohort 2 - Group 2

Pavitra

- What overall impact are you hoping to achieve through your organisation or project?
Analyse how mental health can come to forefront of climate change conversations, to improve quality of life (climate change is over arching frame/ under current holding aspects of physical wellbeing, mental well being and overall wellness).
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
Disaster mitigation and resilience is relevant for the work we do right now. Another line of thought is on food sovereignty, better nutritional security and climate change (consuming local food)
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
To have more conversations around, underpinning intersections of mental health and systems thinking (for scalable, community centric interventions)
 - Challenges- A large mental health burden- how to build resilience and adaptation conversations forward? When there are already existing mental health conditions and lack of facilities how to prioritise prevention relation conversations

Sheena

- What overall impact are you hoping to achieve through your organisation or project? Increase awareness of climate change and health intersections
Research on climate change and health. Advocacy strategy for nursing. Working work working. Climate and health has consequences for nurses
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
Heat stress, flooding, increasing coldness, eczema, skin conditions . mental health in young people.. Nurses have this training. Drainage symptoms clogged due to continuous rains, vector borne diseases. Preparedness for disasters. Maternal health is disrupted during disasters
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
Analyse the work all of us do. Ideas in the intersections. Adapt to different contexts. Flash mobs for awareness. Right support from collaborations when the time comes
 - Challenges- Nurses are already busy, not sure if they would receive climate change awareness programs- when is the right timing to influence and get the advocacy work started? Who are the collaborators- Hospitals, Academia, etc?

Gift

- What overall impact are you hoping to achieve through your organisation or project? Increase awareness of climate change and health intersections
Empowering youth to reduce emission to be more active in climate change
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
Issues of food security- ensure that the communities with resilience when there are droughts and floods, ability to pull through
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
Work through youth collective- community based organisations that are youth led to amplify our voices (in collaboration)
 - Challenges- Capacity strengthening- need a lot of capacity building (how do we get there, how to we get support from Government to garner support and funding challenges)

Cohort 1 - Group 1

Monika Sakarias

Alberto Huitron

Bwire Munubi

MS: Air quality monitoring with youth participatory approaches. AQ Information in real time to inform personal and policy decisions in Nigeria, Ghana, South Africa. Better urban spaces. University of Pretoria - post doc fellowship. Democratising AQ data and allowing mechanisms for participatory urban governance that includes youth.

BM: Adaptation policy support for Ministry of Health in Tanzania, to attract financing in climate change and health. Support MoH to attract climate finance from Green Climate Fund, aim is 88m USD, consultant to develop concept and proposals.

AH: Part of secretariat for WHO Council on the Economics of Health for All (independent council). Consists of women members aimed at changing the current narrative of health as an input for economic activity. Well-being goes far beyond a monetary metric.

Health for all= main objective.

Building local manufacturing capacity of vaccines in Global South, e.g. mRNA vaccine.

Economics of sustainability? Want to create facilities that allow for pandemic preparedness in Global South.

Cohort 1 - Group 2

Rajh Shah:

- we would want to enable timely medication for over 5 million people in the next five years..
- our innovation at Redicine enables saving tons of potential carbon emissions implying a healthy tomorrow with cleaner air and lower carbon footprints.
- Through further program learning, I intend to understand and realise additional direct impact and positive externalities we can enable.

Carol Zavaleta-Cortijo

- We want to close the gap on knowledge on indigenous diet and indigenous nutrition in south america
- Climate change is affecting directly and indirectly the diet and nutrition and food security of indigenous people
- I also want know more about climate change co-benefits of malnutrition preventive strategies, specially for communities in the Amazon
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- What overall impact are you hoping to achieve through your organisation or project?
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
- Other person is there to listen in the first instance.
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- **Sum up your project in one sentence and place sticky on the board.**
- **Repeat with other person.**

Cohort 1 - Group 3

Participants David, Charles, Calae

Overall impact: Healthcare and Community to develop activities to mitigate and adapt to climate change

Climate Interconnectedness: That healthcare providers and community members are similarly affected by climate change impacts e.g. extreme weather events e.g. hurricanes

Amplify the work: Training healthcare providers and community members together to become Climate Ambassadors and to create Community Health Advocacy Networks in islands most impacted by Hurricanes.

Cohort 1 - Group 4

David Osogo

- What overall impact are you hoping to achieve through your organisation or project?
 - Tree planting project
 - Increased tree cover, hence more green spaces and all the environmental & climate related benefits
 - Increased fruits production, hence enhanced access to fruits which are protective food. This will contribute to improvement of nutrition and health status of the community
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
 - Nutrition and green spaces
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
 - Through implementation research, and further engagement of communities and policy stakeholders on the evidence
 - Partnership with government and other stakeholders
- Other person is there to listen in the first instance.
- Then **recount** what you **heard** back to the teller.
- **Sum up your project in one sentence and place sticky on the board.**
- **Repeat with other person.**

Cohort 1 - Group 4

Charles Mankhwazi

- What overall impact are you hoping to achieve through your organisation or project?
 - Climate Education Project in 2 districts in Uganda
 - The overall aim of the project is to introduce climate change education into formal and informal learning structures including schools, and community learning groups
 - When equipped with knowledge and information on climate change, community members will have the ability to make informed decisions as well as take the appropriate adaptation and mitigation measures using local resources
 - We also believe climate education will lead to enhanced climate action
 - The project is currently in its pilot phases, and will hopefully be scaled into the broader national education systems based on its successes
- Which areas of climate and health interconnectedness have you already identified as relevant in your work?
 - Climate change and Mental Health issues such as Eco-Trauma and Eco-Anxiety
 - Climate change and respiratory health
- How do you hope to amplify your work and impact through further learning and exploring the intersection of climate change and health?
 - Through action research and policy influence
 - Through regular community engagements and district policy panels
 - By using human centered design thinking to create innovative solutions
- “Taking Climate Change Education to Communities”

Gift Mwaka- Food Security in Zambia in the face of a Changing Climate

What is the change you seek to bring about?

Intersection

How do climate change and health overlap on this issue?

Increased frequency of droughts and floods resulting from climate change could stretch current food production systems leading to malnutrition especially in children.

Solution

How can the response incorporate health and climate considerations?

Distribute nutrient dense early maturing varieties
Adoption of Climate Smart Agriculture(CSA)¹

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

Researchers -
Agricultural, Health

Activities

What needs to happen?

1. Sensitise communities on climate change
2. Strengthen Early warning systems
3. Improve access to Health Insurance
4. Train communities in Climate Smart Agriculture

Resources

What are required to make it happen?

1. Funds
2. Technical Expertise
3. Community Buy-in

Challenges

What will the barriers and challenges be?

Gender and Cultural Norms

Low political will

Lack of resources

Impact

What could be the implications for climate change and health if we get this right?

Resilient Communities that slow down depletion of natural resources, thus conserving Carbon Sinks. This then improves the wellbeing of communities

Pavitra - Insert name of your Challenge

What is the change you seek to bring about?

Intersection

How do climate change and health overlap on this issue?

Climate change factors exacerbate mental health and wellbeing outcomes. Reduces agency in people to take action

Solution

How can the response incorporate health and climate considerations?

Map complex biopsychosocial pathways that contribute to mental health

Community centric narratives of experiences on mitigation and enhance resilience / coping

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them? Individuals and community. Local governance systems, governments, researchers

Activities

What needs to happen?

Enhance linkage of community and environment

Group activities / tasks that probe on community resilience

Community support groups for people and caregivers

Advocacy for inclusive services

Resources

What are required to make it happen?

Financial , policy , human resource

Challenges

What will the barriers and challenges be?

Intangibility of the issue (MH and preventive actions)

Impact

What could be the implications for climate change and health if we get this right?

Resilient, good quality of living, communities who are environmentally connected (motivated to address climate change)

Sheena - Nursing Now Climate Action Challenge



What is the change you seek to bring about?

Intersection

How do climate change and health overlap on this issue?

- **Nurses are patient advocates** they have an important role to play to **raise awareness** about climate health and its associations in the community
- **Climate change and its associated health effects** eg. mental health concerns, skin problems needs to be highlighted

Solution

How can the response incorporate health and climate considerations?

- **Nursing school based interventions:** Nurses planting more trees around school compound, **having campaigns to reduce medical waste in the hospital setting**, collaborating and having health talks on climate considerations

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

- **Academia** (School shapes thinking of future generations)
- **Government stakeholders**
- **NGOs** (access to community partners for support)

Activities

What needs to happen?

[TAP]

- **T**alks- for awareness
- **A**ct- Planting trees
- **P**romotion of initiatives- research findings and ways forward

Resources

What are required to make it happen?

- **Funding**
- **Skills/ Expertise**
- **Communication strategist**
- **Advocates**



Challenges

What will the barriers and challenges be?

- *Will climate change be a priority focus for nurses*- how do we **promote mindset shift** and **ensure sustainability**?

Impact

What could be the implications for climate change and health if we get this right?

- **Better equipped nurses** prepared to **tackle climate change** related issues **with resilience**

Estrella - Increased food security in Jaltepec de Candayoc, Oaxaca

What is the change you seek to bring about?

Intersection

The increase in temperature in Jaltepec de Candayoc due to the effects of climate change is a challenge for local residents to consume healthier food because the income of the residents is not enough to acquire tools that help keep food fresher. Usually when there are high temperatures the residents consume a lot of salty or non-perishable (canned) foods, but due to seasonal temperature changes this now happens almost all year round.

Solution

How can the response incorporate health and climate considerations?

A few months ago local innovators created solutions to food safety problems by designing local technology. They managed to create awareness about the problem (consumption of less healthy fresh/healthy food due to heat) through these technologies. It has been seen that the implementation of co-design processes can be useful to create local solutions.

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

- Instituto Superior Intercultural Ayuuk (local university)
- Local authorities (communal decision making)
- Ser mixe (local NGO)
-

Activities

What needs to happen?

- Create strategies for diffusion of already existing technologies in the community (created by the community) that solve the problem.
- Involve local stakeholders in a dissemination strategy.

Resources

What are required to make it happen?

- Funding
- Expertise by the health sector
- Researches

Challenges

What will the barriers and challenges be?

Impact

What could be the implications for climate change and health if we get this right?

- Raise awareness about climate change among local stakeholders
- Create better food consumption behaviors

What is the change you seek to bring about? 1. Improve the capacity of Adolescents and Young People (AYP) to advocate for climate change and health issues. 2. Empower AYP to develop feasible solutions to adapt AYP's behaviour to minimize human activities that worsen climate change

Intersection

How do climate change and health overlap on this issue?

- Climate change can predispose to the occurrence of new diseases
 - Increase in temperature from climate change can result in distraction and injuries, heat stress etc
- Climate change can lead to flooding resulting in injuries, deaths, displacement of community members and the associated health and social conditions related to displacement

Solution

How can the response incorporate health and climate considerations?

- Using participatory methods I hope to:
 - o work with AYP to improve their knowledge about climate change and health & Build capacity of AYP to engage with policy makers and decision makers

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

AYP, School teachers, parents, Policy makers, climate and health activists, media

Activities

What needs to happen?

Background reading
Scoping review, expert interviews,
Proposal development
Participatory interviews with AYP
Presentation of findings to stakeholders

Resources

What are required to make it happen?

Funds
Time
Collaborators

Challenges

What will the barriers and challenges be?

- Inadequate funds
- Policymakers may be difficult to reach because of their tight schedules, Policymakers may have other priorities

Impact - What could be the implications for climate change and health if we get this right?

- A better world for AYP is a better world for all.
- I will be contributing towards achieving the triple dividend for AYP i.e., better health for the adolescents, better health for adolescents when they become adults and better health for their future children

Bwire - Building a climate resilient health system in Tanzania

Intersection

The amount of climate finance that goes into health has been proportionately very small (less than 0.5%) and only a fraction goes into local projects

Solution

Support the government through the Ministry of Health to access large global climate funds established under the Adaptation Fund and the Green Climate Fund

Stakeholders

Ministry of Health, Vice President's Office - Environment (National Designated Authority), Other health determining sectoral ministries and independent agencies, the Met Office, NGOs, Private entities.

Using workshops, engage them in the identification of problems and writing the concept note and proposals together

Activities

Meetings with Stakeholders who will take part in the project implementation

Workshops for writing the concept note and proposals

Meetings with GCF

Use the MoH as the leading entity and owner of the project

Resources

Technical - from local and from GCF

Financial to support meetings and workshops and technical teams who are writing

Political willingness of the government

Challenges

Govt not feeling a sense of urgency for health as an adaptation measure (mitigation)

Lack of complete ownership of the project

Delays in responding to partner (NGOs or GCF) for issues that require decisions.

Impact

Build the resilience of the health system, improve livelihoods and reduce GBV (particularly among marginalized groups)

Carol - Amazon Indigenous people have good nutrition status

What is the change you seek to bring about?

Intersection

How do climate change and health overlap on this issue?

Climate change is an important driver of malnutrition among indigenous people. Since Indigenous people's diet, food security, and food systems, is based on natural resources, changes in the environment impact directly on their nutrition.

Solution

How can the response incorporate health and climate considerations?

The response can incorporate a better understanding on Indigenous people's diet, and how climate change can worsen their nutrition situation. Responses can also highlight the opportunities that amazon diet resources (biodiversity) can provide to the world in terms of medical and food resources. Indigenous people have knowledge on how to prepared and anticipate to climatic risks

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

Indigenous people communities and leaders

MoH

Activities

What needs to happen?

Communication the importance of biodiversity for a) nutrition of indigenous people b) nutrition for other populations c)

Global leaders need to prioritize the health and nutrition of Indigenous people

Resources

What are required to make it happen?

Funds

Human resources including indigenous people interested on generate knowledge and interventions

Challenges

What will the barriers and challenges be?

To identify how to use biodiversity as a diet in a sustainable way, to do not jeopardize future food security, and future wellbeing of our planet

Do believe that Indigenous people still exists in the Amazon and other regions in the world

Impact

What could be the implications for climate change and health if we get this right?

Indigenous people can survive to climate change impacts and next generation ca

Monika - Monitoring Air Quality in urbanising African Cities

What is the change you seek to bring about? Improved and cleaner air in African cities

Intersection

How do climate change and health overlap on this issue? Air pollution is a leading cause of morbidity and mortality and accounts for **1.1 million** deaths annually- second largest risk after malnutrition.

Solution

How can the response incorporate health and climate considerations?

Data- and integrated metrics that Incorporate the linkages between clean air, air pollution and health impacts, e.g. asthma, COPD, mental health and cognitive problems.

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

Fossil fuel, oil, gas and energy sector,
National and local governments,
Transport sector.
Public health sector,

Activities

What needs to happen?

Reductions in fossil fuel emissions, getting to Net Zero,
Stakeholder engagement,
Workshops and Training in AQ measuring and monitoring

Resources

What are required to make it happen?

Bilateral agreements between fossil fuel industry and Governments.,
ESG investing.
Technology: low cost AQ monitoring and measurement of Air quality.

Challenges

What will the barriers and challenges be?
Accountability and enforcement of regulations.
Technology: AQ devices, tech and scale-up

Impact

What could be the implications for climate change and health if we get this right?
Reduction in mortality, especially in children under five and women of reproductive age. Reduction in air pollutants.

Dr Calae - The political will to support physicians engagement

What is the change you seek to bring about? For healthcare providers and the community to work together to tackle the issues around climate change and health.

Intersection

How do climate change and health overlap on this issue?

Both healthcare providers and community members are equally affected and unequally affected by climate change related events and injury, and illness and mental Health issues.

Solution

How can the response incorporate health and climate considerations?

Considering the protocols, practices and policies that may need to be strengthened or implemented to preserve, protect and sustain the health in the midst of climate change

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

Minister of Health, Chief Medical Officer, Permanent Secretary, Healthcare administrators, clinicians, youth, community organizations and community members.

Introduce a Climate Change Ambassadors training and scale up.

Activities

What needs to happen?

- Develop Climate Change Ambassadors Curriculum
- Develop pre and post test assessment
- Pilot the training
- Provide a report for approval from the Ministry to implement.
- Submit to ethics for approval to scale up and test.
- Provide funding (GCF?MohW)

Resources

What are required to make it happen?

Implementation Team
Community Engagment Supervisor
Community Engagement Officers
Curriculum Officer
Research Officer

Challenges What will the barriers and challenges be?

Barriers: Approval from Ministry Health Team to allow physicians the time for the training. Overcoming conceptual inertia among physicians- What has this got to do with my and I do not have time to meet in persons with community can we do it on Zoom?

Impact What could be the implications for climate change and health if we get this right?

Both healthcare providers , youth and community will be knowledgeable about the impact of climate change and empowered to engage in mitigation and adaptation activities and to advocate for the necessary, policies, laws, protocols and process to address climate change.

Mahardika - Planetary health in action

What is the change you seek to bring about? Holistic thinking and approach and not treating climate and health issue in

Intersection

How do climate change and health overlap on this issue?

Health service is limited for community living in rural remote areas around the tropical forest making it expensive and thus community will continue to log and extract the forest to get some cash

Solution

How can the response incorporate health and climate considerations?

Providing affordable and accessible healthcare to the communities will help halting forest deforestation

Stakeholders

Who are the key stakeholders who need to be involved in solving this challenges? How do you plan to reach them?

Communities and indigenous community, Donor, local government, Private sector, NGOs

Activities

What needs to happen?

Listening to community on what they think is the solution and investing in those solutions, put the community at the center of the program development, training, education

Resources

What are required to make it happen?

Baseline survey, Reciprocity agreement, funding to support the implementation of the program

Challenges

What will the barriers and challenges be?

Community trust, consistent support from donors, replicating the idea across world rainforest communities.

Impact

What could be the implications for climate change and health if we get this right?

The forest will be continue to exist and expanding in which it will be helping to store more carbon from the atmosphere and thus it will help reducing the impact of the climate change.

Alberto - building local manufacturing capacity of essential health supplies

What is the change you seek to bring about?

Intersection

Share root causes - deforestation increases global warming and probability of a pandemic. Countries that are more severely affected by climate change have less resilient health systems.

Solution

Rethink what economic sustainability means - move away from traditional concepts of market competitiveness and knowledge sharing.

Stakeholders

International Financial Institutions
Country Governments
Local governments
Donor community
Healthcare professionals/workers
Population

Activities

Ex-ante governance of innovation
Recognize public value - all public investment that goes to develop medicine in the early-state high-risk development stages.
Add conditionalities about affordability and access whenever public money is involved.

Resources

Network of people:
Intrapreneurs: champions working in traditional institutions that can promote these changes from the inside.

Challenges

Resistance to change

Impact

Improve PPR