International Federation of Red Cross and Red Crescent Societies

Southeast Asia Climate Change Master Training

Session Plan of Session 10: Health Impacts of Climate Change/ Bangkok Country Cluster Support Team / 2016

# Session Plan of Session 10: Health Impacts of Climate Change

## Objective: At the end of this activity, the participants are able to:

1. Understand the health implication of climate change and facilitate to develop climate smart community based program using forecast information.

## Key terminologies to cover in the session:

Determinants of health, impacts of climate change, biological amplification, disease surveillance

Proposed Methodology:

Presentation, discussion, lecture and group work

Reference Materials:

* IPCC\_Human Health Climate Change Impacts, Adaptation & Vulnerability 2007
* WHO\_Technical Report on Climate Change Exposures, Diseases & Mental Health in Urban Populations 2009
* CCD\_Climate Change and Health 2009
* WHO\_Conference Briefing on Strengthening Health Resilience to Climate Change
* Coughlan de Perez\_Managing Health Risks in A Changing Climate 2014
* RCRC CC\_Health Risk Management-Examples in Southeast Asia & East Africa
* WHO\_Report on Global Health Risks 2009
* DoH Australia\_Health Impacts of Climate Change-Adaptation Strategies Western Australia
* RCRC CC\_Human vs. Mosquitoes Game Rules
* Minimum Standard
* UCL Lancet\_Managing the Health Effects of Climate Change
* WHO\_WMO\_Atlas of Health and Climate 2012
* Dengue Advocacy Report: IFRC\_Dengue Turning Up the Volume on a Silent Disaster Advocacy Report 2014

Duration:1 hour 20 minutes

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| **Timing Session** | **Purpose/ Objective**  | **Methodology** | **Material/Facilitator** |
| *\*From when to when**(min)* | *What the activity aims at* | *How the activity is conducted, including the methods to be used (e.g. brain storming, group discussion, role play, etc.), questions, time duration, expected information, what the participants should do, etc.* *If case study or role play will be used, explanation or information should be provided as well.* | *What materials, facilities, equipment are required to conduct this activity (e.g. flip charts, marker pens, colour cards, etc.)* |
| 35 minutes  | Presentation: To understand the concept health impact of climate change  | 1. Facilitator presents session and session objectives (slides 1-3)
2. Ask participants how climate change can have health impact
3. Discuss impacts of climate change on health – water borne and vector bone diseases, heat wave, air quality. (Slides 4-21)
4. Discuss slide on Disease surveillance and EWEA (slide 22)
5. Ready Set Go timescale (refer to slide 22)
 | PresentationDiscussion Flip chart Markers |
| 35 minutes | Simulate the use of weather information for program planning by group work | **Group Work**1. Divide participants into 4 groups
	* Refer to the [table(s) in the Group Work](Group%20Work/Group%20Work%20on%20Health%20and%20Climate%20Change.docx) folder of health section
2. Distribute the table to 4 groups (2 groups on malaria and 2 groups on diarrhoea and ask each group to fill in the information required in the empty cells (15 *mins*))
3. Presentation of each group (5 *mins* for one group to present and 3 *mins* to other group working on same disease to add activities and provide feedback)
4. Facilitate a discussion in plenary to further consolidate the understanding and summarize the group work (*5 mins*) (Slides 24-25)
 | Flip charts MarkersMasking tape |
| 10 minutes | Participatory game encouraging discussion on how to prevent mosquito-borne disease | 1. [Mosquito Game](Game/Humans%20vs.%20Mosquitoes_Rules.pdf)
 | Refer to ‘RCRC CC\_Human vs. Mosquitoes Game Rules’Pebbles |
| **End of Session 10** |