

TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANTS

<p>Title</p> <p>Technical assistance for the development of an introductory training course on children's environmental health including health impacts of climate change and required skills for PHC-based response</p>	<p>Duty Station:</p> <p>Home-based</p>
<p>Purpose of Activity/Assignment:</p> <p>To develop a contextualized introductory training course on Children's Environmental Health (CEH) in relation to health impacts of climate change and required skills for Primary Health Care (PHC)-based response.</p>	
<p>Background:</p> <p>In the recent decades, Indonesia has made remarkable progress in reducing under 5 mortality rates and stunting rates, improving access to education, and providing safe water and improved sanitation to its children. Accompanying the decline in the under 5 mortality rates¹ has been the rise of threats from climate change and environmental degradation to children’s health. It is putting children’s development and their survival and future potential at risk. As a tropical and archipelagic country, Indonesia is prone to natural disasters, and the situation is exacerbated by the anthropogenic climate crisis. Extreme weather events, including droughts and flooding, as well as long-term climatic changes, such as rising temperatures and sea level rise, directly and indirectly, undermine a broad spectrum of children’s rights, including the right to a safe and healthy environment and the right to survive and thrive.</p> <p>Indonesia is projected to have a temperature rise in the range of 0.8°C to 1.4°C by the 2050s. With a high susceptibility to all sorts of flooding, sea level rise and extreme heat, Indonesia is listed in the top third of nations for climate risk. As the climate changes, it is anticipated that these threats may become more severe. Population exposure in the country will increase in the absence of effective adaptation.² This situation may pose a threat to the health, nutrition, and future of 84.7 million Indonesian children. The Children's Climate Risk Index (CCRI) reported that Indonesia is one of the nations with a high-risk status, ranking 46th globally for children who are most likely to be exposed to the effects of climate change and environmental harm.³</p> <p>Children are the most vulnerable to diseases which will become more widespread as a result of climate change. Studies find that children are increasingly exposed to vector-borne diseases, air pollution, and coastal floods which are intensified by climate change.³ Indonesia has one of the highest burdens of dengue fever in the world - more than 80 percent of children have been infected with the virus, at least once, by the age of 10.⁴ Air pollution is one of the top three risk factors for under 5 mortalities in the country. In addition, climate change is having increasingly severe impacts on the food system in Indonesia, threatening the quantity and quality of nutritious foods available to the local population, and in turn increasing their risk of suffering from malnutrition.</p> <p>Climate change poses a great threat to children’s health, development and their future potential. The less fortunate people are the most vulnerable to the health impacts of climate change due to their limited access to quality health care. It is important to strengthen the primary health care system’s ability to be responsive, adaptive, and resilient, and to develop necessary preventive, promotive and curative health interventions capacities for service delivery to the most vulnerable populations, children. This includes health workforce capacity development, partnership</p>	

¹ United Nations Inter-agency Group for Child Mortality Estimation (UN IGME). (2020). *Levels & Trends in Child Mortality Report 2021*. <https://childmortality.org/wp-content/uploads/2021/12/UNICEF-2021-Child-Mortality-Report.pdf>

² World Bank Group and Asian Development Bank. (2021). *Climate Risk Country Profile: Indonesia*. <https://www.adb.org/publications/climate-risk-country-profile-indonesia>

³ United Nations Children’s Fund (UNICEF). (2021). *The Climate Crisis is a Child Rights Crisis: Introducing the Children’s Climate Risk Index*. <https://www.unicef.org/media/105376/file/UNICEF-climate-crisis-child-rights-crisis.pdf>

⁴ World Health Organization. (2020). *World malaria report 2020*. <https://www.who.int/publications/i/item/9789240015791>

development, communications, and advocacy strategy. As a priority, there is limited awareness on the environmental determinants of child survival, health and well-being in the health sector, including health impacts of climate change. To address this, UNICEF Indonesia Country Office decided to develop introductory training courses on children’s environmental health in relation to health impacts of climate change and skills for primary health care-based response. The planned training course is geared towards primary health care professionals who interact with children and their caregivers. The course will be developed in the context of Indonesia based on global and local evidence, where applicable, and use UNICEF-WHO CEH training package for the health sector as the main reference. The consultancy incumbent will provide subject matter expertise to prepare training modules for healthcare providers at the primary health care level to support the prevention, diagnosis, and management of climate change-related diseases. This task will be carried out in a collaborative manner with a local institution that UNICEF will hire to co-develop and contextualize training materials and conduct pilot training and capacity building for healthcare providers at district level.

Scope of Work:

1. **Develop introductory training modules on children’s environmental health regarding health impacts of climate change for health care professionals:** Under the guidance of the health specialist and in collaboration with the local institution, the consultant will develop introductory learning modules on children’s environmental health in relation to health impacts of climate change. All materials need to be adapted and contextualized to the specific needs and levels of participants and the Indonesian context as necessary. The consultant is expected to employ various interactive approaches, techniques, and tools. The training methodology should be participatory, and learner centered. Materials are also expected to be sensitive to other relevant programming areas in UNICEF. These include current initiatives related to nutrition and climate change. The consultant is expected to identify and consult with UNICEF health specialists to ensure contents are holistic and in synergy with UNICEF’s work in other relevant programming areas.

This work includes:

- a) The finalization of detailed course outlines and resource material in consultation with UNICEF and other technical partners
- b) The development of training content (learning and facilitation materials) including PowerPoints, handouts, and exercises based on UNICEF-WHO’s training package for the health sector on CEH, UNICEF’s Healthy Environments for Healthy Children (HEHC) framework and resources from partners
- c) Pre-learning and end-learning assessment, case studies, and reference to major global reports
- d) Providing quality assurance, review and testing of the modules
- e) Supporting the local institution applying draft training modules to pilot trainings and capacity building for health care providers in selected districts
- f) Compiling feedback from participants in pilot training to refine and finalize the training modules

2. **Develop IEC Material:** Under the guidance of the UNICEF health specialist and in a collaboration with the local institution, the consultant will develop the key messages and IEC material on impact of climate change on children’s health in Indonesia. This work includes:

- a) Developing the concept for the development of the IEC material package
- b) Developing key messages on health impacts of climate change for healthcare providers, as appropriate
- c) Identifying the types of and developing draft IEC materials targeting appropriate audience groups

Supervisor: Sojung Yoon, Health Specialist	Start Date: <i>1st August 2023</i>	End Date: <i>29 February 2024</i>
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Work Assignment Overview

Tasks/Milestone	Deliverables/Outputs	Timeline	Estimate Budget
1. Desk review background documents, conduct preliminary consultations and draft the inception report	Inception Report. The report should include detailed course outlines, resource material, methodology, milestones, and timeline.	31 August 2023	15%
2. Develop draft training modules (learning and facilitation materials), pre-learning and end-learning assessment, and case studies	Training modules (learning and facilitation materials) in the form of PowerPoint and handouts. The modules should include pre-learning and end-learning assessment, exercises, case studies, and references to the global evidence.	15 October 2023	30%
3. Facilitate discussions with the local institution and key stakeholders to tailor training modules to the needs and levels of participants and the Indonesian context, and reflect the feedback from the workshop in the draft modules	Draft training modules based on the feedback from the workshop for the sections' review/comments	30 November 2023	15%
4. Support pilot-training of the designed training course, incorporate feedback from pilot-training and finalize the training modules	Final training modules. The modules should reflect the feedback from participants in the pilot-training.	27 January 2024	15%
5. Develop the concept for the IEC material package and key messages to healthcare providers, and draft IEC materials targeting appropriate audience groups	Concept for the IEC material package and key messages for healthcare providers, and draft IEC materials	29 February 2024	25%
<p>Minimum Qualifications required:</p> <p><input type="checkbox"/> Bachelors <input checked="" type="checkbox"/> Masters <input type="checkbox"/> PhD <input type="checkbox"/> Other</p> <p>Enter Disciplines: In Public Health, Environmental Health, Pediatrics or climate change related field</p>	<p>Knowledge/Expertise/Skills required:</p> <ul style="list-style-type: none"> • Minimum 5 years of progressively responsible and relevant work experience in public health and/or environmental health, and in training and capacity development of health sector/healthcare providers • Technical /public health expertise on children's environmental health, preferably with a background on paediatrics or climate change and health related field • Expertise in climate change impacts on children's health desirable • Proven experience in developing training modules based on the scientific evidence, and IEC materials for healthcare providers • Ability to organize and plan work independently, and be a team player • Excellent communication, facilitation and writing skills in English • Previous experience in similar assignments with UN / UNICEF is an asset 		

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The selected candidate is solely responsible to ensure that the visa (applicable) and health insurance required to perform the duties of the contract are valid for the entire period of the contract. Selected candidates are subject to confirmation of fully-vaccinated status against SARS-CoV-2 (Covid-19) with a World Health Organization (WHO)-endorsed vaccine, which must be met prior to taking up the assignment. It does not apply to consultants who will work remotely and are not expected to work on or visit UNICEF premises, programme delivery locations or directly interact with communities UNICEF works with, nor to travel to perform functions for UNICEF for the duration of their consultancy contracts.

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