

TDR Training Workshop on Multisectoral Approaches to the Prevention and Control of Vector-borne diseases

Saly, Senegal, 11-14 September 2023

FINAL AGENDA

Rationale

Vector-borne diseases (VBDs), including malaria and emerging arboviral diseases, account for approximately one quarter of all infectious diseases¹. Despite the global effort to control VBDs, nearly 241 million cases and 627 000 deaths from malaria were reported worldwide in 2020, with Africa contributing about 95% of the burden². Because malaria transmission is driven by several vector-host-pathogen factors and relationships in which environment (climate change), humans and societies (displacement, deforestation, urbanization), and vector parameters (resistance, genetics) are dynamically interacting, it is obvious that the health sector cannot work in isolation, but rather in collaboration with other sectors such as agriculture, water and sanitation, environment, and others. Understanding the determinants of malaria and the associated sectors will allow for the design of comprehensive strategies for the prevention and control of malaria.

To support countries in designing these comprehensive strategies in collaboration with the relevant sectors, the UNICEF/UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) has released in 2020 a theoretical framework on a multisectoral approach (MSA) to the prevention and control of VBDs³.

Furthermore, collaborative activities are supported by the WHO Water and Sanitation group as well as the Global malaria program (GMP/WHO). As part of the activities of the UN Peace and Development Funds (UNPDF) project, currently implemented in collaboration with GMP/WHO, a training course will be delivered to the participating countries to provide them with the capacity to design MSA strategies. For this purpose, online and in-person training materials will be delivered. The online course will include some introductory materials on MSA, the workshop will cover specific theoretical modules with case study discussions, and

¹ [Vector-borne diseases \(who.int\)](https://www.who.int/news-room/fact-sheets/detail/vector-borne-diseases)

² <https://www.who.int/teams/global-malaria-programme/reports/world-malaria-report-2021>

³ <https://tdr.who.int/publications/i/item/2020-04-24-multisectoral-approach-for-the-prevention-and-control-of-vector-borne-diseases>

further online training materials to go deeper into MSA's concepts will be made available online after the workshop.

Objectives of the training workshop

The objectives of the training workshop are:

1. To provide and explain to the participants the basic theoretical principles and components of a multisectoral approach.
2. To illustrate the concepts through sharing experiences and case studies of joint activities implemented by different sectors and aiming at the prevention and control of malaria in specific countries.
3. To focus on specific sectors for which the joint collaboration is already well engaged within WHO, such as the Water and Sanitation sector.
4. To help the participants in designing draft MSA activities fitting to their own context and picking up a specific MSA activity for implementation in their own country.

Audience of the training workshop

The courses will be delivered to the stakeholders and staff of the National Malaria Control Programmes of the four countries enrolled into the UNPDF project, as well as the scientists of the local research institutes working on malaria prevention, surveillance, and control. The participants for the courses will be designated by the countries.

Monday 11 September 2023			
Time	Item	Activity	Moderator
08:30- 09:00		Registration	
09:00 – 09:15	1.	Welcome and opening remarks <i>Official from countries and WHO</i>	
09:15 – 09:30	2.	Presentation of context, objectives of the workshop and activities Speaker 1: Dr. Florence Fouque, TDR	
09:30 – 10:15	3.	Introduction of participants	
10:15 – 10:45	Coffee/Tea Break		
10:45 – 11:25	4.	Plenary Lecture Speaker 2: Dr. Xiao Nong ZHOU [Examples of MSA against Malaria in China] <i>Presentation: 20 mins</i> <i>Questions: 20 mins</i>	
11:25 – 12:45	5.	MSA – Module 2: Conceptual framework Speaker 3: Dr. Gildas YAHOUEDO	

		<p>["3C" Pillars, Dimensions, Levels, Resources, Sectors, Domains and Enablers as per TDR framework]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p> <p>Speaker 4: Dr. Nafomon SOGOBA</p> <p>[Multisectoral coordination as part of a multi-country (Mali, Nigeria, Benin & Burkina Faso) research]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p> <p><i>General discussion (20 mins)</i></p>	
12:45 – 14:15	Lunch break		
14:15 – 15:45	6.	<p>MSA – Module 3 : Multisectoral coordination</p> <p>Speaker 5: Dr. Qingxia ZHONG - <i>Online</i></p> <p>[Multisectoral coordination as per TDR framework]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p> <p>Speaker 6: Prof. Nicole VERNAZZA</p> <p>[Community participation in a multisectoral collaboration against malaria]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p> <p><i>General discussion (30 mins)</i></p>	
15:45 – 16:15	Coffee/Tea break		
16:15 - 17:45	7.	<p>Speaker 7: Dr. Samuel DADZIE</p> <p>[Networking in vector control against vector-borne diseases]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p> <p>MSA – Module 2: Conceptual framework</p> <p>Speaker 8: Prof. Tara Rava Zolnikov</p> <p>[Brazil experiences on MSA as part of malaria prevention and control]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p> <p>MSA – Module 4: Sectoral Guidance</p> <p>Speaker 9: Mrs Leonie Marijke Postma</p> <p>[Water, Sanitation and Hygiene sector in a multisectoral approach for malaria prevention and control]</p> <p><i>Presentation: 20 mins</i></p> <p><i>Questions: 10 mins</i></p>	

17:45 – 18:00	<i>General discussion and Wrap-up Session</i>		
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Tuesday 12 September 2023

<i>Time</i>	<i>Item</i>	<i>Activity</i>	<i>Moderator</i>
08:30- 09:00		<i>Welcome to participants</i>	
09:00 – 10:30	7.	<p>MSA – Module 4: Sectoral Guidance</p> <p>Speaker 10: Dr. S Mouhamadou CHOUAÏBOU [Agriculture and insecticide resistance as part of malaria prevention and control]</p> <p><i>Presentation: 20 mins</i> <i>Questions: 10 mins</i></p> <p>Speaker 11: Pr. Maylis DOUINE [Mining sector in a multisectoral approach for malaria prevention and control]</p> <p><i>Presentation: 20 mins</i> <i>Questions: 10 mins</i></p> <p><i>General discussion (15 mins)</i></p>	
10:30 – 10:45	8.	Setting up of two (English – French) working groups	
10:45 – 11:15	<i>Coffee/Tea Break</i>		
11:15 – 13:00	9.	Group work	
13:00 – 14:30	<i>Lunch break</i>		
14:30 – 16:00	10.	Group work	
16:00 – 16:30	<i>Coffee/Tea break</i>		
16:30 – 16:45	<i>Wrap up session</i>		

Wednesday 13 September 2023

<i>Time</i>	<i>Item</i>	<i>Activity</i>	<i>Moderator</i>
08:00- 08:15		<i>Gathering of participants in the lobby of the hotel</i>	
08:15 – 13:00	11.	Field Site Visit in Popenguine (M'Bour)	

13:00 – 15:00	<i>Lunch break</i>		
15:00 – 17:00	12.	Presentations of multisectoral collaborations between the NMCP of Senegal and non-health sectors as part of malaria control. <i>(Online)</i> Speakers: <ul style="list-style-type: none"> • Dr. Major. Mame Cheikh SECK • Dr. ALIOU DIA • Dr. Mariama Diouf Bathily 	
17:00 – 17:30	<i>Coffee/Tea break and end of the day</i>		

Thursday 14 September 2023			
<i>Time</i>	<i>Item</i>	<i>Activity</i>	<i>Moderator</i>
08:30- 09:00		<i>Welcome to participants</i>	
09:00 – 9:30	13.	Introduction to the registration and access to the MOOC on MSA under development by TDR. Speaker: Mr Thomas Scalway	
09:30 – 10:30	14.	Presentation: Results of the francophone group work and discussions	
10:30 – 11:00	<i>Coffee/Tea Break</i>		
11:00 – 12:00	15.	Presentation: Results of the anglophone group work and discussions	
12:00 -14:00	<i>Lunch break</i>		
14:00 – 15:30	16.	Summary of concepts: challenges and ways forward	
15:30-16:00	<i>Coffee/Tea Break</i>		
16:00 – 16:30	17.	Quiz (3*10mins) -10 questions	
16:30 – 17:00	18.	Reponses to Quiz	
17:00 – 17:15	<i>Wrap up session and closing of the training</i>		