Introduction to geospatial data management and technologies for Malaria Programs training workshop

Venue: Manila, Philippines

Dates: 25 - 28 March 2019

Training objectives:

Strengthen Malaria programs' technical skills and practices to manage and use geospatial data and technologies. More specifically, the training will:

- Clarify the concepts and the process behind the making of a good thematic map including use of data from other sources
- Train participants on the use of open-source software (QGIS and GeoODK) to collect data and produce thematic maps
- Guide NMCPs towards geo-enabling their information system to support Malaria elimination

Agenda

Day	Schedule	Facilitator
25 March (Monday)	8:30-9:00 Registration	
	9:00-9:30 Welcome & Opening, objectives of the training, round of introduction, and expectation from the participants, agenda	RITM-DOH
	9:30-10:00 **Session 1** - Country presentation on current use of geospatial data and technologies for Malaria Elimination and/or other communicable diseases in each country based on the HIS geo-enabling assessment form (10 minutes per country)	Richard Maude, Steeve Ebener
	10:00-10:30 Break and group picture	
	10-30-11:00 **Session 1** - Continued	
	11:00-12:00 **Session 2** - The geographic dimension of communicable disease surveillance	Richard Maude
	12:00-13:00 Lunch	
	13:00-13:30 **Session 3** - Understanding the values of a good thematic map	Izay Pantanilla
	13:30-14:00 **Session 4** - The process behind making a good thematic map - introduction	Izay Pantanilla
	14:00-14:30 Break	
	14:30-15:30 **Session 5** - Making a good thematic map - Compiling good geospatial data	Izay Pantanilla, NAMRIA
	15:30-16:30 **Session 6** - Making a good thematic map - Extracting or collecting geospatial data	Izay Pantanilla
	16:30-17:30 **Session 7** - Preparation of the equipment and questionnaire that will be used during the second day	Izay Pantanilla, Kim Fornace

26 March (Tuesday)	8:00-9:00 Transportation to RITM 9:00-10:00 **Exercise 1** - Using an Android phone and GPS essentials to collect geographic coordinates in the field 10:00-10:30 Break 10:30-12:00 **Exercise 2** – Use GeoODK to conduct a geo-located survey in the field 12:00-13:30 Lunch and transportation back to the meeting room 13:30-14:30 **Session 8 -** Preparing the data for its use in a GIS software 14:30-15:00 Break 15:00-16:00 **Exercise 3** - Preparing the statistical data for its use in a GIS software 16:00-17:00 **Session 9 -** Installing QGIS 3.4	Izay Pantanilla Kim Fornace Izay Pantanilla Steeve Ebener Izay Pantanilla
27 March (Wednesday)	8:30-9:00 Recap of the second day 9:00-10:00 **Session 10** - Introduction to QGIS (interface, main functionalities) 10:00-10:30 Break 10:30-12:00 **Exercise 4** - Preparing the geospatial data for its use in QGIS 12:00-13:00 Lunch 13:00-14:00 **Exercise 5 -** Creating individual thematic maps using QGIS 14:00-14:30 Break 14:30-16:00 **Exercise 5 (continued)** and presentation of the thematic maps that have been created	Izay Pantanilla Steeve Ebener Izay Pantanilla/ Kim Fornace Izay Pantanilla/ Kim Fornace
28 March (Thursday)	8:30-9:00 Recap of the third day 9:00-10:00 **Session 11** – How to geo-enable your Malaria Information System? 10:00-10:30 Break 10:30-11:30 **Session 12** – Guided discussion on the implementation of the HIS geo-enabling framework in countries 11:30-12:00 **Session 13** – Way forward for country programs 12:00-13:00 Lunch 13:00-13:30 **Session 13** – Continued 13:30-14:00 **Session 14** - Other important points and additional resources 14:00-14:30 Wrap up 14:30 End of the training workshop	Steeve Ebener Steeve Ebener APMEN SRWG Izay Pantanilla APMEN/DOH/ RITM/LSHTM