



United Nations Environment Programme

CAPACITY BUILDING AND TRAINING COURSES – Report for JAMAICA -

Training dates:

From: 22nd January 2018

To: 26th January 2018

1. PROJECT INFORMATION

Project: Project “GEF GMP2 GF4030-4F34”

Project actual start date 29 February 2016

Project expected completion date 30 April 2020

UNEP GEF Project ID: 4881

GEF Project Title: Continuing Regional Support for the POPs Global Monitoring Plan under the Stockholm Convention in the Latin American and Caribbean Region

Trainer: CSIC

Trainee: Jamaica



1. CAPACITY BUILDING AND ON-SITE TRAINING COURSES ON POPs in JAMAICA

1.1 Introduction

As part of the tasks to be performed within the GMP-2 Project, CSIC is organizing the on-site training on POP analyses in the following countries: Uruguay, Antigua and Barbuda, Barbados, Jamaica, Chile, Argentina, Colombia, Ecuador, Peru, Brazil and Mexico.

In general, the training was based on the analysis of real samples and standards. The target compounds depend on the capacity of the countries, but always focus on those substances listed in the Stockholm Convention.

Figure 1 shows the Trainings and Capacity Building courses organized in Jamaica, Brazil, Uruguay and Barbados in the first semester of 2018.

This report makes reference to the activities carried out during the Capacity Building and Training Course organized for Jamaica.



Figure 1. Training and Capacity Building courses calendar for the first semester 2018.

1.2 Training and Capacity Building Course at Jamaica.

The Training and Capacity Building course was performed by Dr Manuela Ábalos and Dr Marinella Farré from the CSIC, at the Pesticide Research Laboratory, Kingston between the 22th and the 26th January 2018.

In total, 4 people from the Pesticide Research Laboratory attended the course (Table 1). As agreed, the training was focused on the analysis of pesticides, marker PCBs and PFAS in ambient air, sediments and mother milk. To this end, some instruments placed at the laboratory were used. Concretely, some experiments with real samples were analyzed by GC-ECD, GC-NPD, GC-MS and LC-MS/MS.



Table 1. List of attendants participating in the Capacity Building Training Course on POPs carried out at the Pesticide Research Laboratory, Kingston between the 22th and the 26th January 2018.

Full Name	Institution
Prof. Tara Dasgupta	Pesticide Research Laboratory, UWI-Mona-Kingston, Jamaica
Ms Reena McKenzie	Pesticide Research Laboratory, UWI-Mona-Kingston, Jamaica
Babumon Thankappan	Pesticide Research Laboratory, UWI-Mona-Kingston, Jamaica
Dipali Nair	Pesticide Research Laboratory, UWI-Mona-Kingston, Jamaica

As examples, next figures show some spectra achieved during the training course (Figures 2-4).

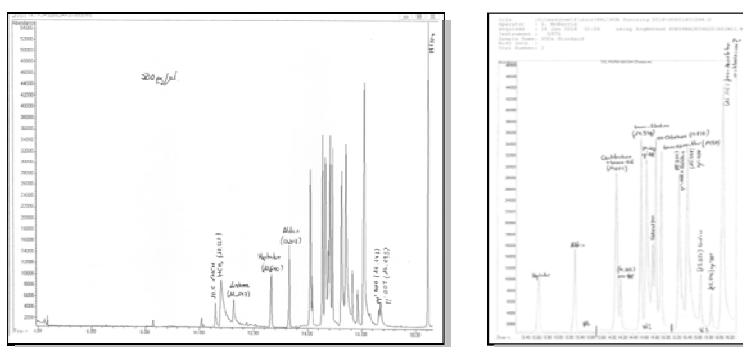


Figure 2. Analysis of basic POPs by ECD

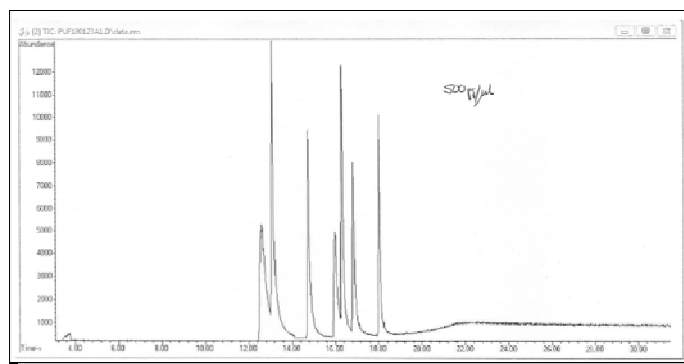


Figure 3. Analysis of marker PCBs

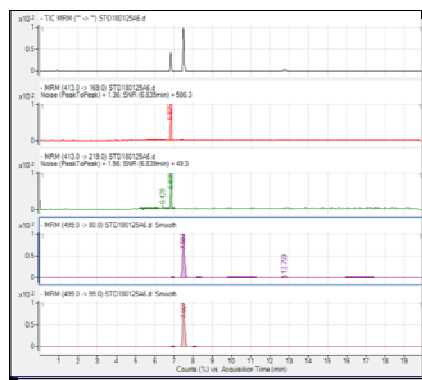


Figure 4. Analysis of PFAS by LC-MS/MS



Also, some pictures taken during the course are also provided (Figure 5).



Figure 5. Pictures taken during the training course in Jamaica.

2. Signature/Date

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Thursday, 20 December 2018