



## Topics covered

- Physical and chemical properties, usage, and environmental behaviours
- Atmospheric survey and analysis (manual active sampling method)
- Solid sample (soil, sediment, and biota) survey and analysis
- Water sample survey and analysis
- Human biological sample analysis
- Methylmercury analysis
- Mercury monitoring and the Minamata Convention
- Quality management
- Laboratory safety and environmental management

## Available at

Project webpage (download link provided)

Request via project email with suggested citation below:

- UNEP (2022). Training package for mercury monitoring to enhance national capacity to generate internationally comparable scientific data, Users' manual, version 1.0. Bangkok: UNEP ROAP.

# Training package for mercury monitoring to enhance national capacity to generate internationally comparable scientific data



## Background

The Minamata Convention obliges the Parties to implement the provisions stipulated in the Convention. There is a growing need for capacity building on mercury monitoring skills. The UNEP ROAP Project conducted online trainings on mercury monitoring, on which this training package is based on.

## Purpose

The training package on monitoring intends to support the Parties and the stakeholders to enhance mercury monitoring and analytical capacity. Lecturers or trainers may use it for their teaching material. Also, it enables self-study and online learning under travel restriction.

## Features

The material provides practical and hands-on skills to promote learning opportunities at local level. It targets scientists and practitioners of mercury management at national and local levels. Multimedia files with pre-recorded customizable content are available.

## Users' manual

Users' manual provides the guidance for designing and implementing training courses. It contains:

- Sample concept note,
- Sample programme,
- Laboratory assessment forms,
- Self-test/evaluation forms,
- Frequently-asked questions
- Supplementary information such as standard values, analytical process flows, certified reference materials, list of reference literatures, etc.

## Editable PPT slides

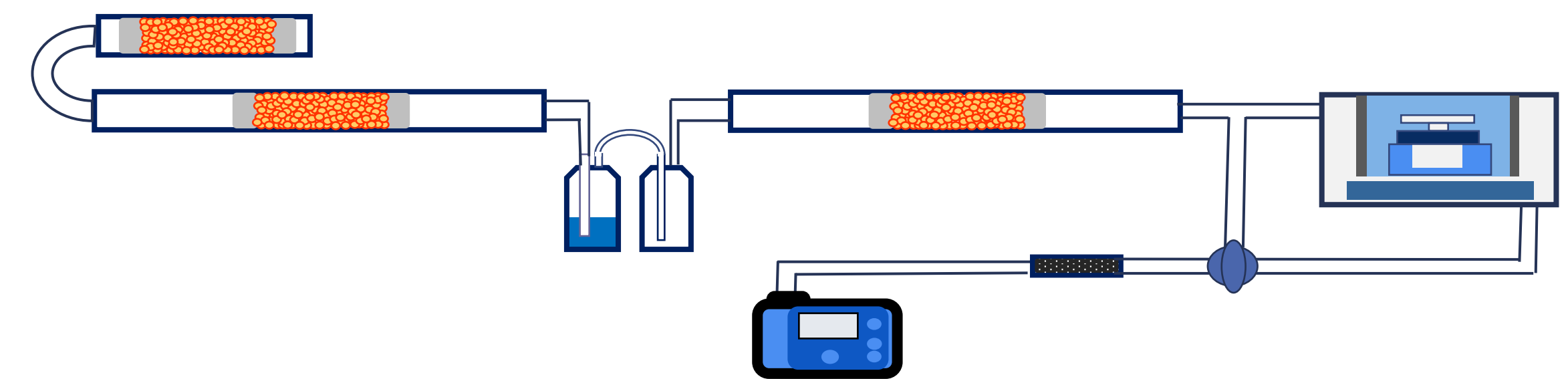
The training package includes lecture slides with pre-recorded narration with which organizer can arrange 'custom-made' slide decks for its own training programme. Plenty of movies, illustrations, and animations facilitates the understanding of the topics.



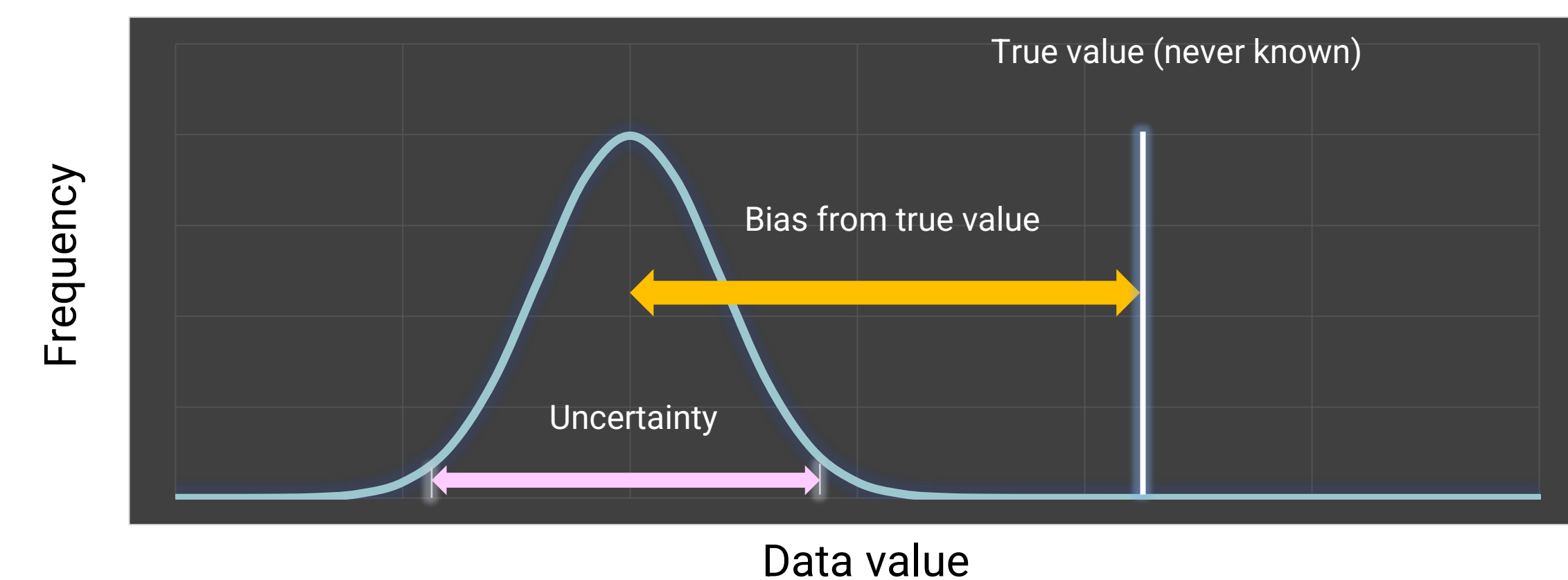
Video on field sampling scene



Video on laboratory work



Description of analytical method



Principle of quality assurance concept