

Seminar & workshop

"GBIF & open data in biodiversity study"

15/7–17/7/2019, VNUHCM-University of Science

On 15–17/07/2019, a seminar and workshop titled “GBIF & Open Data in Biodiversity Study” was held at VNUHCM-University of Science. The event was hosted by PHH Research Cryptogam Group, led by Dr. Vo Thi Phi Giao (VNUHCM-US) and MSc. Luong Thien Tam (VNUHCM-US & University of Turku). The event has two separate activities:

1. The scientific seminar aims to provide brief introduction about GBIF network and the current BIFA project on data mobilization bryophyte and lichen collections. The seminar also discuss opportunities and challenges in Open Science, the current movement in scientific research; and some legal notes about accessing and benefit sharing the use of genetic resources to ensure the fair and equability for both partners (the Nagoya protocol), especially when open data is encouraged. About 40 participants came to the seminar.

Seminar programs:

- 8:45–9:00 Registration
- 9:00–9:40 Sophie PAMERLON (GBIF-France): "The GBIF (Global Biodiversity Information Facility) network: how to make biodiversity data open and freely accessible"
- 9:40–10:20 PHẠM Nguyễn Đức Hoàng (Institute of Fungal Research and Biotechnology): “Some legal notes about accessing to genetic resources and benefit sharing from the use of genetic resources in Vietnam”
- 10:20–10:40 tea break, group photo
- 10:40–11:20 Sanna HUTTUNEN (University of Turku, Finland): “Open science, opportunities and challenges”
- 11:20–11:50 LƯƠNG Thiện Tâm (VNUHCM-US & University of Turku): “Data mobilization of Vietnam bryophyte and lichen collections, from BIFA3 to BIFA4 project”
- 11:50 End of the seminar



Global Biodiversity
Information Facility



Ministry of the Environment
Government of Japan

BIFA

Biodiversity Information
Fund for Asian



& OPEN DATA IN BIODIVERSITY STUDY

University of Science (VNUHCM), 227 Nguyen Van Cu, District 5, Ho Chi Minh City

SEMINAR

Venue: F102



15/7/2019

8:45 9:00 9:40 10:20 10:40 11:20 11:50

Sophie PAMERLON
(GBIF-France)

"The GBIF network: how
to make biodiversity
data open and freely
accessible"

PHAM Nguyễn Đức Hoàng
(Institute of Fungal
Research and Biotechnology)

"Some legal notes about
accessing to genetic
resources and benefit
sharing from the use of
genetic resources in
Vietnam"



Sanna HUTTUNEN
(University of Turku,
Finland)

"Opportunities and
challenges in Open
Science"

LƯƠNG Thiện Tâm
(VNUHCM-US
& University of Turku)

"BIFA projects on data
mobilization of
Vietnamese bryophyte
and lichen collections"

Registration link (before 10/7/2019):

<https://forms.gle/vcy9NQNKs2yMDwfz5>

For more information, please contact Phi Giao (vtgiao@hcmus.edu.vn)

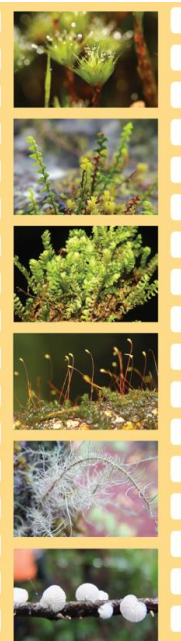
WORKSHOP

Darwin Core IPT
Data publishing Data quality
Open Refine GBIF.org Data papers
Ecological Metadata Language



15-17/7/2019

PHU
Cryptogam Research Group



Poster of the seminar



Sophie PAMERLON (GBIF-France) was introducing GBIF network.



Dr. Sanna Huttunen (University of Turku) was discussing about opportunities and challenges of open science.



Luong Thien Tam (Project Coordinator) was sharing about the two BIFA project on Vietnam bryophytes and lichens.



Closing photo of the seminar

2. After the seminar, in the afternoon, **the training workshop** started with the 20 participants came from VNUHCM-US, other universities, and institutions in or around Ho Chi Minh City. During the workshop, participants were introduced how to use GBIF's website effectively, how to become a publisher as VNUHCM-US does, the standard of data set that you want to publish, how to publish your dataset and importantly why we need to do all those things. The atmosphere at the workshop was really exciting due to questions and new ideas of all participants. Especially, in the tea breaks, we practiced plastic reducing by using alternatives for plastic straws, plastic bags and other non-reusable plastic as a strategy for a stable environment.



"Standee" for encouraging reducing plastic



Workshop participants

The training workshop was a chance to share fundamental knowledge and enhance capacity of participants, who are currently working on biodiversity data, to effectively use and mobilize biodiversity data in accordance with the standards of the GBIF. The workshop program comprises of the following modules:

Day 1. Monday 15/7/2019

- 13:30–15:15 Exploration of GBIF.org (demonstration & exercises)
15:15–15:30 Tea break
15:30–16:45 Data types accepted by GBIF

Day 2. Tuesday 16/7/2019

- 9:00–10:30 Uses of data on GBIF.org in biodiversity studies (Lectures & questions)
10:30–10:45 Tea break
10:45–12:15 Uses of data on GBIF.org in biodiversity studies (Lectures & exploration of datasets on GBIF.org)
12:15–13:30 Lunch break
13:30–14:30 Biodiversity standards (Darwin Core for data and Ecological Metadata Language for metadata)
14:30–14:40 Tea break
14:40–15:25 Data quality (lecture & exercise)
15:25–15:35 Tea break
15:35–16:45 Data quality using Excel functionalities and online tools (exercise)

Day 3. Wednesday 17/7/2019

- 9:00–9:15 Introduction to OpenRefine (lecture)
9:15–10:45 Data quality using OpenRefine (exercise)
10:45–11:00 Tea break
11:00–12:15 Introducing IPT (Integrated Publishing Toolkit) and data publishing (lecture & demo)
12:15–13:30 Lunch break
13:30–14:15 Data papers (lectures & discussion)
14:15–14:30 Tea break
14:30–16:00 Practical exercise with metadata on the IPT
16:00–17:00 Closing ceremony

Workshop Facilitators:

- Sophie PAMERLON (GBIF-France)
- Sanna HUTTUNEN (University of Turku, Finland)
- LƯƠNG Thiện Tâm (VNUHCM-US & University of Turku)
- VÕ Thị Phi Giao (VNUHCM-US)



Closing ceremony of a successful workshop