

Report 35



Minutes of the 5th 'MuEuCAP - Online learning as part of the BioCEP curriculum' Zoom meeting

Thursday 19 November 2020, 10.30 am (European time); 4.00 PM (16.00 hours, Myanmar time)

The screenshot shows a Zoom meeting in progress. The main window displays a grid of 25 participants. The names visible in the grid include: Alfonso Marzal, Paul Bates, Dr. Soe Soe A..., Mie Mie Sein, Naw Zar Chi Linn, Nay Myo Hlaing, Ni Ni, Dr. Khin Swe Oo..., AUNG AUNG..., San San Aye, Sai Seinlino, Lutz Fehrmann, Aye Aye Myint, Aye Khet Soe..., Su Myat Aung, Dr. Zin Lin Khine, Aung Myo Hs..., Saw Myat Ohn M..., Pwint Lin, Htet Htet Lin (M...), Kyu Myu Mar (U...), Saw Yu Nandi, Marcela Suarez..., Dr. Khin Swe Oo..., and Yu Kay Zin Htun. The bottom of the screen shows the Zoom control bar with options like Mute, Stop Video, Security, Participants (25), Chat (20), Share Screen, Record, Reactions, and Leave. On the right side, there is a 'Participants (25)' list with search and control icons for each participant. At the bottom right, there are reaction buttons: yes, no, go slower, go faster, more, clear all, and a bottom bar with Invite, Mute All, Unmute All, and a menu icon.

- WP3.1** Practical testing of individual courses
- WP3.2** Evaluation of skills and competences by student and staff
- WP3.3** Evaluation of skills and competences by student and staff
- WP4.1** Launch call for students and realisation of curriculum

Attendance (EUPs):

Dr Marcela Suarez-Rubio, Project Coordinator, University of Natural Resources and Natural Sciences, Austria
Dr Lutz Fehrmann, University of Göttingen, Germany
Dr Alfonso Marzal-Reynolds, University of Extremadura, Spain
Dr Paul Bates, Project Manager, University of Natural Resources and Natural Sciences, Austria

Attendance (MUPs):

Dr Sai Sein Lin Oo, Country Coordinator, University of Mandalay
Daw Saw Myat Ohnmar, Project Outreach Officer, Myeik University
Prof Ni Ni Oo, Rector, Myeik University
Prof Dr Mie Mie Sein, Pro-Rector, Mawlamyine University
Dr Aung Aung Aye, Myeik University

Dr Aung Myo Hsan, Mawlamyine University (joined the 2nd half of meeting)
Dr Aye Khet Soe, University of Mandalay
Prof Dr Aye Aye Myint, Myeik University
Dr Htet Htet Lin, Mawlamyine University
Dr Khin Moh Moh Tun, University of Mandalay (logged in as Pwint Lin)
Dr Khin Swe Oo, Myeik University
Dr Kyu Kyu Mar, University of Mandalay
Dr Naw Zarchi Lin, University of Mandalay
Dr Nay Myo Hlaing, University of Mandalay
Dr Sabae Oo, University of Mandalay (logged in as Pwint Lin)
Dr San San Aye, University of Mandalay
Ms Saw Yu Nandi, Myeik University
Prof. Dr Soe Soe Aung, University of Mandalay
Ms Su Myat Aung, Myeik University
Ms Yu Kay Zin Htun, University of Mandalay
Dr Zin Lin Khine, Myeik University

Item 1: Introduction/Opening Remarks: Following technical issues with the internet in Austria, the meeting commenced at 11.00 am (Europe time) and Dr Marcela welcomed everyone.

Item 2: Outline of 12 presentations

Dr Marcela thanked the 12 Myanmar staff, each of whom had uploaded to the MuEuCAP Google Classroom a draft outline of an online presentation (Figs 1-12). The topics had been assigned by Dr Marcela, Dr Lutz, and Dr Alfonso. They related directly to:

- the BioCEP syllabus
- a subject for which the staff had received training, whilst on a MuEuCAP study visit to Europe.

Topics assigned by Dr Marcela in 'Statistical methods for environmental protection':

- 1: Dr (Mr) Nay Myo Hlaing (University of Mandalay: Zoology) - First statistical test (one sample z-test/t-test)
- 2: Dr Zin Lin Khine (Myeik University: Marine Science) - Framing statistical hypothesis (steps statistical test, p-value)
- 3: Dr Khin Swe Oo (Myeik University: Zoology) - Preliminary concepts (population, sample) & frequency distribution (normal, Poisson, binomial).

Topics assigned by Marcela in 'Scientific writing':

- 1: Dr Aye Khet Soe – Mandalay University, Assistant Lecturer, Zoology - Summary or abstract
- 2: Dr Naw Zar Chi Linn – Mawlamyine University, Assistant Lecturer, Zoology -Discussion and conclusion
- 3: Prof. Dr Aye Aye Myint - Myeik University, Zoology - Authorship, acknowledgements, references.

Topics assigned by Dr Lutz in 'Methods in Biodiversity Conservation and Environmental Protection':

- 1: Professor Soe Soe Aung - University of Mandalay: Botany - Implementation of the Sampling Designs for Forest Inventories
- 2: Dr Kyu Kyu Mar - University of Mandalay: Geology - Environmental Impact Study
- 3: Dr (Mr) Aung Aung Aye - Myeik University: Marine Science - Assessment of the Mangrove Inventory including estimation of species diversity.

Topics assigned by Dr Alfonso in 'Ecology, biodiversity and conservation biology':

- 1: Dr (Mr) Aung Myo San – Mawlamyine University, Assistant Lecturer, Marine Science - Habitat Loss and Fragmentation
- 2: Dr Sabae Oo - University of Mandalay, Zoology - The Role of Science in Biodiversity Conservation
- 3: Dr Htet Htet Lin – Mawlamyine University, Zoology - Overharvest of natural populations.

Item 3: Outline of subsequent online meetings:

Dr Marcela outlined the objectives, activities, and outputs of the next three online meetings. Each week, for the next three weeks, the workshops would concentrate on a different aspect of preparing an online presentation, namely:

- Week 1: Content – including teaching aim, knowledge gap, description, take home message
- Week 2: Structure – including logical progression, design, use of media (photos, diagrams, video)
- Week 3: Presentation skills – including voice-overs, subtitles.

Dr Marcela provided further information about the preparation of these online tutorial videos.

- The 12 Myanmar staff would work in three separate groups with their EU mentors, namely:
Group 1: Dr Marcela; Group 2: Dr Lutz; and Group 3: Dr Alfonso
- To maximise learning outcomes, the 12 staff must prepare their presentations together with:
 - at least two other staff members from Mandalay, Myeik or Mawlamyine universities – prioritising those who had frequently attended previous MuEuCAP workshops (staff is defined as Demonstrator and above)
 - a maximum of two students from Mandalay, Myeik or Mawlamyine universities – prioritising those who had frequently attended previous MuEuCAP workshops **(WP4.1)**
- No staff member or student could be part of more than one presentation
- Staff and students must attend the three, weekly workshops with their EU mentors **(WP4.1)**
- Additional observers, staff/students, up to a maximum of 3 for each university for each presentation can join the Weeks 1-3 workshops and the 'final workshop event'
- The programme for Week 4, the 'final workshop event', was left open and will be decided based on the results and the successful conclusion of Weeks 1-3.

Item 3: Conclusion and Action points: The EU mentors in discussion with Myanmar staff decided on the following dates for their Week 1-3 workshops, namely:

Group 1: Dr Marcela for 'Statistical methods' and 'Scientific writing'

- Thursday 26 November at 10.30 EU time/ 4.00 pm Myanmar time – Week 1: Content
- Thursday 3 December at 10.30 EU time/ 4.00 pm Myanmar time – Week 2: Structure
- Thursday 10 December at 10.30 EU time/ 4.00 pm Myanmar time – Week 3: Presentation

Group 2: Dr Lutz for 'Methods in biodiversity conservation and environmental conservation'

- Thursday 26 November at 10.30 EU time/ 4.00 pm Myanmar time – Week 1: Content
- Thursday 3 December at 10.30 EU time/ 4.00 pm Myanmar time – Week 2: Structure
- Thursday 10 December at 10.30 EU time/ 4.00 pm Myanmar time – Week 3: Presentation

Group 3: Dr Alfonso for 'Ecology, biodiversity, and conservation biology'

- Friday 27 November at 10.00 EU time/ 3.30 pm Myanmar time – Week 1: Content
- Friday 4 December at 10.00 EU time/ 3.30 pm Myanmar time – Week 2: Structure
- Friday 11 December at 10.00 EU time/ 3.30 pm Myanmar time – Week 3: Presentation

The final workshop event is tentatively arranged for 17 December.

Item 4: Any other business:

- Dr Marcela asked Daw Ohnmar if she could split the Google Classroom into three subfolders based on Groups 1-3 outlined above.
- Dr Marcela suggested that the new EU administrator for the MuEuCAP project, based in Brussels, should be invited to attend and observe one of the training workshops.

There being no other business, Dr Marcela thanked all the contributors and participants for a successful online discussion and the meeting was adjourned at 12.30 pm.

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Co-funded by the Erasmus+ Programme of the European Union

FIRST STATISTICAL TEST (one sample z-test/t-test)

Statistics and Environmental Modelling
Bio CEP-621

Nay Myo Hlaing
Lecturer
Department of Zoology
University of Mandalay

19.11.2020

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Framing statistical hypothesis (steps statistical test, p-value)

Bio CEP - 621

Zin Lin Khine (Associate Professor)
Marine Science Department
Myeik University
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Figures 1-2. Presentations by Dr Nay Myo Hlaing and Dr Zin Lin Khine

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Practical Testing of Curriculum (WP 3.1)
MuEuCAP - On-line learning as part of the BioCEP curriculum

STATISTICS AND ENVIRONMENTAL MODELLING
(BIOCEP-621)

Preliminary Concepts of Statistics & Frequency Distribution
(Normal/Binomial/Poisson Distribution)

Dr. Khin Swe Oo
Associate Professor
Department of Zoology
Myeik University

19.11.2020 (Thursday)

Scientific Writing

Bio CEP- 622

"How to write the abstract section"

Aye Khet Soe
Lecturer
Department of Zoology
University of Mandalay

Dr San San Aye
Lecturer
Department of Zoology
University of Mandalay

Figures 3-4. Presentations by Dr Khin Swe Oo and Dr Aye Khet Soe

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Scientific Writing

BioCEP-622

"DISCUSSION AND CONCLUSION"

Dr Naw Zarchi Linn and Dr Than Than Soc
Lecturers, Zoology Department, Mawlamyine University


New Curriculum in Biodiversity Conservation And Environmental Protection

Bio CEP- 622

Module Name- Scientific Writing
(Authorship, Acknowledgements & References)

Aye Aye Myint, Professor/Head, Department of Zoology, Myeik University
Kyaw Yadanar Min, Demonstrator (Part Time) Dept of Zoology, Myeik University
Zin Mar Win, Demonstrator (Part Time) Dept of Zoology, Myeik University


Figures 5-6. Presentations by Dr Naw Zarchi Linn and Prof Dr Aye Aye Myint



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Online Presentation of BioCEP 614: Methods in BioCEP (fields/practical) for Master Degree of BioCEP

Implementation of the Sampling Designs for Forest Inventories



Dr. Soe Soe Aung
Professor
Department of Botany
University of Mandalay

19th November 2020




BioCEP-614: Methods of Biodiversity and Environmental Conservation (BioCEP)

4.2 Environmental impact studies

Kyu Kyu Mar
Associate Professor
Department of Geology
University of Mandalay
Myanmar
kyukyu.geol@gmail.com

Figures 7-8. Presentations by Prof Dr Soe Soe Aung and Dr Kyu Kyu Mar



MUEUCAP - On-line learning as part of the BioCEP curriculum

Assessment of Mangrove Inventory including estimation of species diversity

AUNG AUNG AYE, Lecturer
Department of Marine Science
Myeik University (14052)
draungayayemarine@myeikuniversity.edu.mm

Date: 19th Nov 2020

Venue: Myeik University



Mawlamyine University

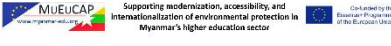
Module Name: Ecology, Biodiversity and Conservation Biology
Module Number: BioCEP-611

Unit (7)

Habitat Loss and Fragmentation

By
Aung Myo Hsan
Lecturer
Department of Marine Science
Mawlamyine University

Figures 9-10. Presentations by Dr Aung Aung Aye and Dr Aung Myo Hsan



Supporting modernization, accessibility, and internationalization of environmental protection in Myanmar's higher education sector

Ecology, biodiversity and conservation biology (BioCEP-611)

The Role of Science in Biodiversity Conservation

Presented by

Sabae Oo
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University of Mandalay
sabaelay36@gmail.com

Dr Khin Moh Moh Tun
Lecturer
Department of Zoology
University of Mandalay
khinmoh1985@gmail.com

19.11.2020



"Ecology, Biodiversity and Conservation Biology (BioCEP-611)"

Overharvest of natural population

Dr. Htet Htet Lin
Lecturer, Department of Zoology,
Mawlamyine University

19.11.2020, 4:00 pm

Figures 11-12. Presentations by Dr Sabae Oo and Dr Htet Htet Lin