



**THE 6th INTERNATIONAL CONFERENCE ON SUBSTANTIAL SCIENTIFIC
COLLABORATION OF OCEAN AND EARTH SCIENCES BETWEEN
MYANMAR AND CHINA**



**PROGRAMME
&
ABSTRACT VOLUME**

**November 23-24, 2023
Convocation Hall, Myeik University
Myeik, Myanmar**

Organizer:

Myeik University, Myanmar

Organizing Committee

(သမုဒ္ဒရာနှင့် ကမ္ဘာမြေသိပ္ပံဆိုင်ရာညီလာခံကျင်းပရေးကော်မတီ)

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 China : Dr. Guanghong Tu, Dr. Bo Li
 Audits : Dr. Nandar Myint Maung, Dr. Chaw Su Aung

Committee members:

| | | |
|--|---|--|
| Dr. Xuejie Li (Professor, Guangzhou Marine Geological Survey (GMGS)) | Dr. Yongjian Yao (Professor, Guangzhou Marine Geological Survey (GMGS)) | Prof. Dr. Xiwu Luan Shandong University of Science and Technology, Qingdao, China |
| Prof. Dr. Feng Zhou Executive Deputy Director, State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, Ministry of Natural Resources, Hangzhou, China | Prof. Dr. Sun Zhen Senior Researcher, Key Laboratory of Marginal Sea Geology, South China Sea Institute of Oceanology, Chinese Academy of Sciences | Prof. Dr. Qin Wang Professor in structural geology and rock physics at School of Earth Sciences and Engineering, Nanjing University |
| Dr. Soe Soe Htwe (Professor, Zoology Department, Patheingyi University) | Dr. Su Su Hlaing (Professor, Department of Marine Science, Myeik University) | Dr. Khin Sabe Htut (Professor, Department of Zoology, Myeik University) |
| Dr. Thein Tun Lin (Assoc. Professor, Physics Department, Myeik University) | Dr Nway Shwan Oo (Assoc. Professor, Chemistry Department, Myeik University) | Dr. Win Pa Pa Soe (Assoc. Professor, Department of Mathematics, Myeik University) |
| Dr. Aung Aye Latt (Assoc. Professor, Department of Marine Science, Myeik University) | Dr. Khin Thandar Linn (Assoc. Professor, Department of Marine Science, Myeik University) | Daw Win Tun (Lecturer, Department of Mathematics, Myeik University) |
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| Daw San Thiri Phyo (Lecturer, Department of Mathematics, Myeik University) | Daw Kay Thi Myint (Lecturer, Department of English, Myeik University) | Dr. Zayar Pyae Phyo Aung (Assist. Lecturer, Department of Physics, Myeik University) |

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Committee Members:

| | | | |
|--|---|--|---|
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| Prof. Dr. San San Hmwe Pro-Rector Dagon University | Prof. Dr. Nilar Aung Pro-Rector Taunggoke University | Prof. Dr. Aye Aye Ko Pro-Rector East Yangon University | Prof. Dr. May Myat Thu Pro-Rector Yangon University of Education |
| Prof. Dr. Gaowen He Deputy Chief Geoscientist, Guangzhou Marine Geological Survey, China Geological Survey, Ministry of Natural Resources, the People's Republic of China | Prof. Dr. Xuejie Li Guangzhou Marine Geological Survey, China Geological Survey, Ministry of Natural Resources, the People's Republic of China | Prof. Dr. Yongjian Yao Guangzhou Marine Geological Survey, China Geological Survey, Ministry of Natural Resources, the People's Republic of China | Prof. Dr. Sun Zhen Senior Researcher Key Laboratory of Marginal Sea Geology South China Sea Institute of Oceanology Chinese Academy of Sciences |
| Prof. Dr. Feng Zhou Executive Deputy Director, State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, Ministry of Natural Resources, Hangzhou, China | Prof. Dr. Xiwu Luan Shandong University of Science and Technology, Qingdao, China | Prof. Dr. Qin Wang Professor in structural geology and rock physics at School of Earth Sciences and Engineering, Nanjing University | Prof. Dr. Xixi Zhao Department of Ocean Science and Engineering, Southern University of Science and Technology, Shenzhen, China |
| Prof. Dr. Myo Myint Consultant Geologist, Win Geological Consulting Ltd, Calgary, Alberta Canada | Prof. Dr. Khin Zaw Centre for Ore Deposit and Earth Science, University of Tasmania | Prof. Dr. Aye Ko Aung Professor & Head (Rtd.) Department of Geology Dagon University | Prof. Dr. Maung Maung Pro-Rector (Rtd.) Mingyan University |
| Prof. Dr. Phyu Phyu Lwin Head of the Department of Geology (Rtd.) Dagon University | Prof. Dr. Nang Mya Han Head of the Department of Marine (Rtd.) Myeik University | Prof. Dr. Soe Moe Lwin Pro-Rector Myeik University | Prof. Dr. Aung May Than, Head of the Department of Geology, Dagon University |
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| Prof. Dr. Aye Aye Cho Head of the Department of Zoology, Myeik University | Prof. Dr. Ohmar Head of the Department of Botany, Myeik University | Prof. Dr. Aye Aye Nwe Head of the Department of Chemistry, Myeik University | Prof. Dr. Thuzar Aung Head of the Department of Physics, Myeik University |

Permission

Registration Number: DHE/ Foreign /Conference/2023(10600) of the Higher Education Department, the Ministry of Education, dated November 19, 2023

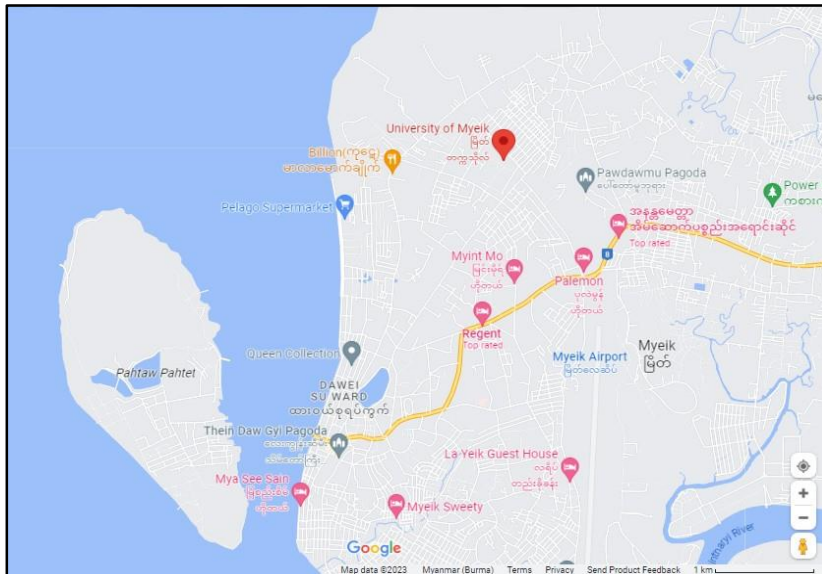
Date, Time and Venue

Date and Time:

November to 23-24, 2023. 09:00 to 17:00 Myanmar Time.

Venue:

Convocation Hall, Myeik University,
Myeik, Myanmar



During the Online Meeting

If you have any questions or concerns, please contact the SSCOE-2023 Secretariat at the email address or phone number provided below.

E-Mail address: sscoe.contact2023@gmail.com (Chat Box:)

Viber Phone No: +959 974967760

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ကန်စွန်းအင်းကိုယ်ပိုင်အထက်တန်းကျောင်း၊ မြိတ်မြို့
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THE INTERNATIONAL CONFERENCE ON SUBSTANTIAL SCIENTIFIC COLLABORATION OF OCEAN AND EARTH SCIENCES BETWEEN MYANMAR AND CHINA

The International Conference on **S**ubstantial **S**cientific **C**ollaboration of **O**cean and **E**arth sciences between Myanmar and China (SSCOE) was initiated by Prof. Dr. Soe Moe Lwin, Pro-Rector of Myeik University (Former Lecturer, Geology Department, East Yangon University) under the guidance of Prof. Kyaw Kyaw Khaung (Rector (Rtd.), East Yangon University) with the Guangzhou Marine Geological Survey, China Geological Survey, Ministry of Land and Resources, the People's Republic of China in 2017.

We are honored to inform that the 6th International Conference on Substantial Scientific Collaboration of Ocean and Earth Sciences between Myanmar and China (Ocean and Earth Science development of Myanmar universities, CAS, CGS, GMGS and other universities in China) by (SSCOE) organization Committee will be held at Myeik University, Myanmar. Previously, it was held in East Yangon University's Convocation Hall. It has been held twice at Yangon University's Diamond Jubilee Hall. Dagon University also hosted the fourth and fifth iterations of the international conference on significant ocean and earth science cooperation between Myanmar and China. Myanmar has thus able been to host the Substantial Scientific Collaboration of Ocean and Earth Sciences conference successfully five times.

We plan to hold the establishment of the China-Myanmar Alliance of Universities for not only earth sciences but also other sciences. The Alliance aims to further deepen international cooperation and exchanges between China and Myanmar. It aims to promote universities and educational institutions in China and Myanmar, to conduct joint research in cultivating innovative talents in the geological sciences, research platform and university to university and university-industrial research collaborations. The main responsibilities of the Alliance include but are not limited to establish a shared educational space for Myanmar and China to realize resource sharing, mutual recognition of diplomas, transfer and mutual recognition of credits and joint training of dual mentoring programs for graduate and doctoral students and to carry out projects to improve the academic qualifications of teachers and students and projects on cultural exchanges.

Now, Myeik University as the Organizer is coordinating the 6th International Conference on Substantial Scientific Collaboration of Ocean and Earth Sciences between Myanmar and China on 23-24, November, 2023, Myanmar. According to the permission of the Ministry of Education, Myanmar, the conference will be organized in a hybrid format: online for most of the international participants and in-person in Yangon for Myanmar participants. This conference aims to further deepen international cooperation and exchanges between China and Myanmar. One hundred and twenty-one research papers will be presented in this conference.



ပထမအကြိမ် သမုဒ္ဒရာနှင့်ကမ္ဘာမြေသိပ္ပံဆိုင်ရာ
သုတေသနညီလာခံ
ဘွဲ့နှင်းသဘင်ခန်းမ
ရန်ကုန်အရှေ့ပိုင်းတက္ကသိုလ်
(၅/၁၁/၂၀၁၇)

ဒုတိယအကြိမ် သမုဒ္ဒရာနှင့်ကမ္ဘာမြေသိပ္ပံဆိုင်ရာ
သုတေသနညီလာခံ
စိန်ရတုခန်းမ
ရန်ကုန်မြို့
(၁-၂/၁၁/၂၀၁၈)



တတိယအကြိမ် သမုဒ္ဒရာနှင့်ကမ္ဘာမြေသိပ္ပံဆိုင်ရာ
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စိန်ရတုခန်းမ
ရန်ကုန်မြို့
(၂၉-၃၀/၁၀/၂၀၁၉)

စတုတ္ထအကြိမ် သမုဒ္ဒရာနှင့်ကမ္ဘာမြေသိပ္ပံဆိုင်ရာ
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ဒဂုံတက္ကသိုလ်
(၂၅-၂၆/၁၁/၂၀၂၁)



ပဉ္စမအကြိမ် သမုဒ္ဒရာနှင့်ကမ္ဘာမြေသိပ္ပံဆိုင်ရာ
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ဘွဲ့နှင်းသဘင်ခန်းမ
ဒဂုံတက္ကသိုလ်
(၁၄-၁၅/၁၁/၂၀၂၂)

HISTORY OF MYEIK UNIVERSITY

Myeik University (MU), a government university under the jurisdiction of Ministry of Education, was established in 1999 and it has now a capacity for sixty thousand students.

Myeik University Myeik College was founded on 8 January 1999. It was upgraded to Myeik Degree College on 27 November 2001. Myeik University On 14 May 2003. Our 85-acre campus is located five kilometres from the centre of Myeik, Taninthayi District, Lower Myanmar. Myeik has abundant natural resources and over 810 islands.

Myeik University was opened with the aim of providing young people and Tanintharyi Region with access to higher education at a lower cost. Myeik University is headed by the rector, Dr Win Win Than.

Our Vision

To stand as a pillar of higher education that not only qualifies students for the practical exploitation of the region's rich natural resources, but also develops moral and ethical students.

Our Mission

1. To develop highly qualified regional human resources needed by the region.
2. To promote basic research to generate new knowledge, applied research to fulfill the needs of private enterprise and organizations, and advanced research for economic and social development of the region.
3. To conduct programmes that cater to the demands of the region and community by sustainably using and conserving natural resources.
4. To become an education community that supports students' and staff's development of their material and spiritual lives.
5. To bring about a sound academic atmosphere by international collaboration.



Program for the 6th International Conference on Substantial Scientific Collaboration of Ocean and Earth Sciences between Myanmar and China

| | | |
|-------------------------------------|-------------------------|---|
| 23/11/2023 (Thursday) | | |
| Convocation Hall, Myeik University, | | |
| Myeik, Myanmar | | |
| 08:30-09:30 | Conference Registration | |
| Opening Ceremony | | |
| 09:30-10:30 | Welcoming remarks | H.E. U Myat Ko, Chief Minister, Tanintharyi Region Government, the Republic of the Union of Myanmar |
| | Opening Speech | H.E. Dr. Zaw Myint, Deputy Union Minister, Ministry of Education, the Republic of the Union of Myanmar |
| | Opening Speech | Prof. Dr. Gaowen He, Deputy Chief Geoscientist, Guangzhou Marine Geological Survey, China Geological Survey, Ministry of Natural Resources, the People’s Republic of China |
| | Opening Speech | Prof. Dr. Xixi Zhao, CAS Key Laboratory of Ocean and Marginal Sea Geology; Southern University of Science and Technology South China Sea Institute of Oceanology, Chinese Academy of Sciences |
| | Words of Thanks | Prof. Dr. Win Win Than, Rector of Myeik University, Higher Education Department, Ministry of Education, the Republic of the Union of Myanmar |
| | Delightful Speech | Honorable Person, Myeik City, Tanintharyi Region |
| | History of SSCOE | Prof. Dr. Soe Moe Lwin, Chairman of SSCOE Organizing Committee |
| | Keynote | Prof. Dr. Nay Win Oo, Rector, East Yangon University Climate Change and Coastal Environment |
| Group Photo | | |
| Coffee Break (10:30-11:00) | | |

Special Talk

| Time | Author | Title |
|----------------------------|--|---|
| 11:00-11:25 | Prof. Dr. Feng Zhou Deputy Director General, State Key Laboratory of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, Ministry of Natural Resources, Hangzhou, China. | Joint Advanced Marine and Ecological Studies in the Bay of Bengal and the eastern equatorial Indian Ocean (JAMES) |
| 11:25-11:50 | Prof. Dr. Aye Ko Aung Professor and Head of Geology Department (Rtd.), Dagon University. | Devonian of Myanmar – An Up-Dated Version |
| 11:50-12:15 | Prof. Dr. Xixi Zhao, Department of Ocean Science and Engineering. Southern University of Science and Technology, Shenzhen, China | Tectonic Rotation and Latitudinal Displacement of SW Yunnan and Indochina Blocks: Constraints From new and Published Paleomagnetic Data |
| LUNCH (12:15-13:00) | | |
| 13:00-13:25 | Prof. Dr. Qin Wang Professor in structural geology and rock physics at School of Earth Sciences and Engineering, Nanjing University | Paleoproterozoic collision to Mesozoic crustal reworking in central South China |
| 13:25-13:50 | Prof. Dr. Khin Zaw, Centre for Ore Deposit and Earth Science, University of Tasmania | Legendary Mount Popa Volcano, central Myanmar: Implications for Tectonic Setting, Mineralisation and Geohazard |
| 13:50-14:15 | Prof. Dr. Mg Mg, Pro-Rector (Rtd.) Mingyan University | Radiolarites of Myanmar |
| 14:15-14:40 | Prof. Dr. Myo Myint, Consultant Geologist, Win Geological Consulting Ltd, Calgary, Alberta Canada | Gysapnadi Delta: Morphotectonic Implication and Evolution - An example from Northern Rakhine (Arakan) Coast, Western Myanmar |

Coffee Break (14:40-15:00)

| | | |
|-------------|---|--|
| 15:00-15:25 | Prof. Dr. Nang Mya Han Professor and Head of Marine Science Department (Rtd.), Myeik University | Marine Spatial Planning of Myanmar |
| 15:25-15:50 | Dr. Aung Moe, Heidelberg University, Germany. (Ruprecht Karls Universität, Heidelberg, Germany | Is the oblique or hyper-oblique subduction in Indo-Myanmar Ranges? Insight from the geological structures |
| 15:50-16:15 | Prof. Dr. Xia Wang Institute of Sedimentary Geology, Chengdu University of Technology, Chengdu, China | DDE-Outcrop3D: the deep-time earth's reflection on the virtual world |
| 16:15-16:40 | Prof. Dr. Sirisokha Seang Faculty of Geo-Resources and Geotechnical Engineering, Institute of Technology of Cambodia, Cambodia | Geochemical Characteristics and Geochronology of Magmatic Rocks in Southwestern and Northeastern Cambodia: Implications for the Tectonic Evolution and Metallogenesis of the Loei Fold Belt |
| 16:40-17:00 | Prof. Dr. Soe Moe Lwin Pro-Rector, Myeik University | The Significant Microfossils of the Central Basin, Myanmar |

23/11/2023 (Thursday)
Parallel Sessions 1, 2, 3, 4 (13:00 – 17:00)

Parallel Session 1: Physics (Room-1)

| Time | P/T | Author | Title | Chairman |
|------------------------------|-----------------|------------------------|--|----------------|
| 13:00-13:15 | Offline Phy: | Zayar Pyae Phy Aung | Comparison of Zinc Oxide (ZnO) Nanofiber and Nanoparticle on the Application of Dye-Sensitized Solar Cell (DSSC) | Dr U Win |
| 13:15-13:30 | Offline Phy: | Myint Kalyar | Analysis of Blue Carbon Sequestration Potential and Water Quality in the Nearby Mangrove Area of MaungMaGan Hot Springs | |
| 13:30-13:45 | Online Phy: | Win Mar | The effects of climate change and health benefits on Ziziphus jujube | |
| 13:45-14:00 | Online Phy: | Nwe Ni Hlaing | Transformation of Solid Disposable Bamboo Chopsticks Waste to Adsorbents for Dye Wastewater Treatment | |
| 14:00-14:15 | Online Phy: | Su Su Aung | Cloud-Based UV Index and Particulate Matter Monitoring | Dr Thuzar Aung |
| 14:15-14:30 | Online Phy: | Pwint Yee Thein | Influence of Isovalent Cd ²⁺ Ions Doping on Structural Feature, Ferroelectric Behaviour and Capacitance Vs. Voltage Characteristics of Lead Titanate Films | |
| 14:30-14:45 | Online Phy: | Toe Toe Wai | Effect of Growth Temperature on Structural Features, FET Behaviour and Capacitance Vs. Voltage Characteristics of PbTiO ₃ : Al as a Dielectric Gate Materials for FET | |
| Coffee Break (14:45 - 15:00) | | | | |
| 15:00-15:15 | Online Phy: | Swe Yin Htun | Analysis of Radon Concentration in Cement Samples Using LR-115 Solid State Nuclear Track Detector | Dr Sint Ohnmar |
| 15:15-15:30 | Online Phy: | Khet Khet Tun | Investigation on Nutrient Element Compositions in Seaweeds (Algae) from Sittwe and Thandwe Townships in Rakhine Coastal Region | |
| 15:30-15:45 | Online Phy: | Aye Thandar Thwin | "Influence of Isovalent Cd ²⁺ Ions Doping on Structural Feature and Photovoltaic Properties of II - VI Compound Semiconductor ZnO Films Prepared by Colloidal Precursor Route | |
| 15:45-16:00 | Online Phy: | Zin Min Myat | Analysis of Physicochemical Properties of Activated Carbon Prepared from Groundnut Shells Biochar for Removal of Heavy Metals in Wastewater | |
| 16:00-16:15 | Online Phy: | Soe Moe May Me | Investigation of Performance Evaluation in Battery Management System (BMS) for Electric Vehicles | |

23/11/2023 (Thursday)

Parallel Session 2: Geography / Botany / Related subjects (Room-2)

| Time | P/T | Author | Title | Chairman |
|----------------------------|------------------|---------------------|---|-----------------------|
| 13:00-13:15 | Offline Geog: | Mu Mu Than | Multivariate Assessment of a Community Health Care Needs in Yangon Region | Dr Tun Zaw |
| 13:15-13:30 | Online Geog: | Ohnmar Myat Htoo | Geographical Analysis on Cultivation of Some Selected Major Crops in Kalay Township | |
| 13:30-13:45 | Online Geog: | Khin Mar Yee | Dynamics of Bago River Channel: A Case Study of Spatio-temporal Changes in the Oxbow Lake Area | |
| 13:45-14:00 | Offline Geog: | Aye Thinzar Lin | Geography Study of Socio-Economic Activities with Roads in Myeik Township | Dr Myo Myo Khaing |
| 14:00-14:15 | Offline Geog: | Hsu Thet Paing Htwe | Drainage Basin Morphology of the Little Tanintharyi River | |
| 14:15-14:30 | Online Geog: | Phyu Moe Nyunt | An Investigation on the Agricultural Land Use Changes in Tada-U Township | |
| Coffee Break (14:45-15:00) | | | | |
| 15:00-15:15 | Online Bot: | May Thet Naing | Morphological and Histological Studies on <i>Curcuma Leucorhiza</i> Roxb. | Dr Seine Nyoe Nyoe Ko |
| 15:15-15:30 | Online Bot: | Phoo Wint Yee Thaw | Morphological Characters and Antimicrobial Activity of Endophytic Fungi from the Leaves of Mangrove Plant <i>Rhizophora mucronata</i> Poir. | |
| 15:30-15:45 | Online Bot: | Hnin Ei Lwin | Microscopical, Phytochemical and Antimicrobial activities of powdered leaves from <i>Sesbania grandiflora</i> (L.) Pers. | |
| 15:45-16:00 | Online RLs | Nyein Nyein Cho | The Role of Legal Process on Conservation of Forest in Myanmar | Dr Nilar Win |
| 16:00-16:15 | Online RLs | Tin Myo Myo Swe | Legal Analysis on Industrial Pollution | |

23/11/2023 (Thursday)

Parallel Session 3: Chemistry (Room-3)

| Time | P/T | Author | Title | Chairman |
|----------------------------|------------------|-----------------|--|-------------------|
| 13:00-13:15 | Offline Chem: | Aye Aye Nwe | Water Quality Assessment of Bilin River in Mon State | Dr Aye Aye Tun |
| 13:15-13:30 | Offline Chem: | Nway Shwan Oo | Investigation of Antioxidant and Antimicrobial Activities of Flower Buds of <i>Nypa fruticans</i> Wurmb (Dani) from Selected Sites of the Tanintharyi Coastal Area | |
| 13:30-13:45 | Offline Chem: | Thuzar Nyein | Removal of Organic Dye by Activated Coconut Shell Charcoal Powder | |
| 13:45-14:00 | Offline Chem: | Aung Ko Latt | Physicochemical Assessments and Nutrient Performance of Soil Samples on Papaya Plants | |
| 14:00-14:15 | Online Chem: | War Zi Su | Biosynthesis, Characterization and Application of Silica Particle from Rice Husk Waste | Dr Myo Myo Myat |
| 14:15-14:30 | Online Chem: | Sandar Moe Aung | Studies on Physicochemical Properties of Rain Water Sample from Dawei, Tanintharyi Division, Myanmar | |
| 14:30-14:45 | Online Chem: | Mya Theingi | Preparation of Amorphous Silica from Rice Husk for Removal of Acetic Acid from Aqueous Solution | |
| Coffee Break (14:45-15:00) | | | | |
| 15:00-15:15 | Online Chem: | Khin Hnynn Phyu | Investigation of Some Organic Compounds and Antibacterial Activity from <i>Alstonia Scholaris</i> (L.) R.Br. (Taung-Mayo) Leaf | Dr Khin Thida Tun |
| 15:15-15:30 | Online Chem: | Soe Soe Thint | A Comparative Study of the Essential Oil Content and Composition of Tayoke Nan-nan, <i>Apium graveolens</i> L. Stalk, by Two Different Methods | |
| 15:30-15:45 | Online Chem: | Saw Nan Dar Oo | Investigation of Some Chemical Constituents and Antimicrobial Activities of Flowers of <i>Delonix Regia</i> Bojer Ex Hook. (Sein-ban) | |
| 15:45-16:00 | Online Chem: | May Thi Oo | Investigation of Some Chemical Constituents and Bioactivity from <i>Brassica oleracea</i> var. capitata f. rubra (Purple Cabbage) | |

| 23/11/2023 (Thursday) | | | | |
|--------------------------------------|------------------|--------------------|--|------------------|
| Parallel Session 4: Zoology (Room-4) | | | | |
| Time | P/T | Author | Title | Chairman |
| 13:00-13:15 | Offline Zool: | Aye Aye Cho | Media variations on marine zooplankton <i>Moina micrura</i> Kurz, 1875 culture at Myeik Environs, Tanintharyi Region | Dr Win Win Than |
| 13:15-13:30 | Offline Zool: | Khin Sabae Htut | Haematological Parameters of Adult Water Buffalo, <i>Bubalus bubalis</i> (Linnaeus, 1758) in Ywathagyi Slaughterhouse, South Dagon Township, Yangon Region | |
| 13:30-13:45 | Offline Zool: | Thwe Zin Oo | Abundance Status of Fish Species in Igaloung Kyun, Hkaing River Segment, Taikkyi Township, Yangon Region | |
| 13:45-14:00 | Offline Zool: | Khin Maw Maw Myint | Foraging Behavior of Eastern Cattle Egret <i>Bubulcus coromandus</i> (Linnaeus, 1758) in Pa-Da-Gyi Sanpya Village Kyauktan Township, Yangon Region | |
| 14:00-14:15 | Offline Zool: | Htike Htike Lin | Biometric Study on <i>Puntius sophore</i> (Hamilton, 1822) from Khon-na-eain-tan Inn, Htantabin Township | Dr Aye Aye Ko |
| 14:15-14:30 | Offline Zool: | Soe Soe Htwe | Occurrence of Crabs species composition of Marine and Freshwater (Mud crab) in Chaung Tha and Shwe Thaung Yan village, Ayeyarwady Region | |
| 14:30-14:45 | Offline Zool: | Hta Ei Hlaing | A pre survey of the IUCN red list of marine fish species in Kyauk-Phyar village, near Kyauk-Phyar River, Myeik environs, Tanintharyi Region | |
| Coffee Break (14:45-15:00) | | | | |
| 15:00-15:15 | Online Zool: | A Mi Aung | Food and feeding habits of Some Grouper species from Maungmagan Coastal area, Tanintharyi Region | Dr Myitzu |
| 15:15-15:30 | Online Zool: | Khin Myat Thit | Identification and Studying of <i>Bifidobacterium</i> Isolated from Yogurt | |
| 15:30-15:45 | Online Zool: | May Thu Win | Susceptibility of common zooplankton species to antibiotics (Azithromycin): A comparative laboratory investigation | |
| 15:45-16:00 | Online Zool: | Zin Hnin Thu | Study on the Reproductive Aspects of <i>Enhydryis Enhydryis</i> At East Yangon University Campus and Its Environs Yangon Region | Dr San San Hmway |
| 16:00-16:15 | Online Zool: | Khin Su Su Han | Seasonal Abundance of Insect Pests and Predators on Host Plant Mango in Taungoo Environs, Bago Region | |
| 16:15-16:30 | Online Zool: | Lai Lai Win Maung | Culture of <i>Macrobrachium rosenbergii</i> (De Man, 1879) Postlarvae in Paddy field at Kwein-le-su Village, Kangyidaung Township, Ayeyarwady Region | |

24/11/2023 (Friday)

Parallel Sessions 1, 2, 3, 4 (08:30 - 14:00)

Parallel Session 1: Geology (Room-1)

| Time | P/T | Author | Title | Chairman |
|------------------------------|---------------|--------------------|---|-------------------|
| 08:30-08:45 | Online Geol: | Myo Myint | A Note on Paleoichnological Significances of the Kati Formation in the Kinta Valley, Malaysia | Dr Than Than Oo |
| 08:45-09:00 | Online Geol: | Su Su Khine | Geochemical Signature of Granitoid Rocks in Tawgye-Yebyu area, Launglon Township, Tanintharyi Region | |
| 09:00-09:15 | Online Geol: | Kyaw Khaing | Geochemical Analysis of Sandstone of Tilin Formation in Kyin Area, Tilin Township, Magway Region | |
| 09:15-09:30 | Online Geol: | Sai Naing Lin Aung | Biomarker Characteristics of Crude Oils from Chauk Petroleum Province in Eastern Salin Basin | |
| 09:30-09:45 | Online Geol: | Kyi Kyi Thwin | Micro-tectonics Study of the Three Pagodas Fault Zone in Myanmar | Dr Than Htut Lwin |
| 09:45-10:00 | Online Geol: | Toe Naing Oo | Mineralogy and Ore Geochemistry of Low Sulfidation Epithermal Deposit at Kyaukmyet Prospect, Monywa Mining District, Central Myanmar; Implication for Ore Mineralization Zonation | |
| 10:15-10:30 | Online Geol: | Pyi Soe Thein | Estimation of Shear Wave Velocity Using Geophysical Measurements for Magway City | |
| Coffee Break (10:30 - 10:45) | | | | |
| 10:45-11:00 | Offline Geol: | Mya Moe Khaing | Petrogenesis of Igneous rocks in Bilin and its environs, Bilin Township, Mon State | Dr Aye Aye Han |
| 11:00-11:15 | Offline Geol: | Aung Aung Zarni | Geological and Speleological Perspectives on Saddam Cave, Hpa-an Township, Kayin State, Myanmar | |
| 11:15-11:30 | Online Geol: | Jinpeng Zhang | Dinoflagellates cysts in sediments from the Pearl River Estuary and their environment significances | |
| 11:30-11:45 | Online Geol: | Tao Li | Source identification and source-to-sink transport processes of major elements in South China Sea sediments | |
| 11:45-12:00 | Online Geol: | Pingyuan Li | Influence of neotectonic movement on south coast of Hainan Island of China | |

| Lunch (12:00 - 12:45) | | | | |
|---|--------------|--------------|--|-----------------------|
| 12:45-13:00 | Online Geol: | Zhou Wang | Authigenic carbonate in Ediacaran marine sediments, South China | Dr Aye Ko Aung |
| 13:00-13:15 | Online Geol: | Yadong Sun | Oceanic anoxia during the Carnian Humid Episode (Late Triassic) | |
| 13:15-13:30 | Online Geol: | Thu Rein Soe | Monitoring of Water Volume Changes of Moby Lake at Shan-Kayah States boundary, Myanmar using Satellite-based Remote Sensing and GIS Techniques | |
| 13:30-13:45 | Online Geol: | Hla Myat Thu | Characteristics of epithermal mineralization and their alterations in southern part of the Yedwet area, Thabeikkyin Township, Mandalay Region, Myanmar | |
| Coffee Break (14:00-14:30) | | | | |
| Plenary Session Main Room (14:30 – 15:30) | | | | |
| Closing Ceremony Main Room (16:00 – 17:00) | | | | |

| 24/11/2023 (Friday) | | | | |
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| Parallel Session 2: Marine science/ Geology (Room-2) | | | | |
| Time | P/T | Author | Title | Chairman |
| 09:00-09:15 | Offline M-S | Tin Tin Kyu | Mapping of Hard Coral Habitats around Thayawthandangyi Island Group, Myeik Archipelago, Southern Myanmar | Dr Nan Mya Han |
| 09:15-09:30 | Online M-S | Khin May Chit Maung | Diversity of Bivalves and Gastropods in Mangrove Ecosystem of Magyi, Shwe Thaung Yan Coastal Area | |
| 09:30-09:45 | Online M-S | Sein Moh Moh Hlaing | Taxonomic Study on Some Marine Finfish Species from Chaungtha Coastal Water, Ayeyarwady Region | |
| 09:45-10:00 | Online M-S | Yin Yin Htay | Seasonal variation of Phytoplankton in Magyi Coastal area, Shwe-Thaung-Yan Township, Ayeyarwady Region | |
| 10:00-10:15 | Online M-S | Hsan Win | Biomass and Soil Carbon Stocks Estimation of Mangrove Forest in Chaung Tha Region | |
| Coffee Break (10:30-10:45) | | | | |
| 10:45-11:00 | Online Geol: | Aung Ye Ko | Structural Analysis of Taung Gaung Lead Deposit Area, Madaya Township, Mandalay Region, Myanmar | Dr Maung Maung |
| 11:00-11:15 | Offline Geol: | Mi Win Sandi Paing | Surficial sediments texture characterization from Hnit Kayin beach, Ye Township, Mon State, Myanmar | |
| 11:15-11:30 | Offline Geol: | Aung Myo Zaw | The new Peri Gondwana coral fauna and sediments from the Htam Sang area in the Shan Plateau, Myanmar | |
| 11:30-11:45 | Offline Geol: | Thet Paing Soe | Paleo-environmental Conditions of Eocene sediments in Gwa Formation, Rakhine Coastal Belt, as Deciphered from Microfauna Distributions | Dr Mya Moe Khine |
| 11:45-12:00 | Offline Geol: | Soe Htet Aung | The Seasonal Distribution of Living Benthonic Foraminifera Around Pahtaw-Pahtet Island in Myeik Archipelago Region | |
| 12:00-12:15 | Offline Geol: | Thaw Zin Oo | Analysis on landslide susceptibility map of Falam-Hakha Area, Chin State | |
| Lunch (12:15 - 12:45) | | | | |
| Coffee Break (14:00-14:30) | | | | |
| Plenary Session Main Room (14:30 – 15:30) | | | | |
| Closing Ceremony Main Room (16:00 – 17:00) | | | | |

| 24/11/2023 (Friday) | | | | |
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| Parallel Session 3: Chemistry (Room-3) | | | | |
| Time | P/T | Author | Title | Chairman |
| 08:30-08:45 | Online Chem: | Aye Mi Mi Htwe | Study on the Nutritional Values and Antimicrobial Activity of <i>Polygonum chinese</i> L. (Mahaka kyansit) | Dr Hnin Hnin Than |
| 08:45-09:00 | Online Chem: | Khine Khine Lin | Extraction, Characterization and Antimicrobial activity of <i>Swietenia macrophylla</i> King (Mahogany) Seed Oil | |
| 09:00-09:15 | Online Chem: | Ei Ei Mon | Investigation of Indoor and Outdoor Air Quality in Lashio University Campus, Myanmar | |
| 09:15-09:30 | Online Chem: | Sann Myint Oo | Study on Phytochemicals, Nutritional Values, Antioxidant and Antibacterial Potential of Bauk Ma Plant Leaves (<i>Solanum nigrum</i> L.) | Dr Aye Aye Nwe |
| 09:30-09:45 | Online Chem: | Moh Moh San | Synthesis, Characterization and Catalytic Applications of Fe ₂ O ₃ Nanoparticles | |
| 09:45-10:00 | Online Chem: | Hein Htet Soe | Phytochemical Screening and Antimicrobial Potential of <i>Pluchea indica</i> (L.) Less from Palaw Township, Tanintharyi Region | |
| 10:15-10:30 | Online Chem: | Su Su Aung | Assessment on Water Quality of the Ayeyarwady River Samples from Sagaing Township Area | |
| Coffee Break (10:30 - 10:45) | | | | |
| 10:45-11:00 | Online Chem: | Khin Su Latt | Extraction of Peel Oil, Antimicrobial and Antioxidant Activity of <i>Citrus aurantifolia</i> (Christm.) Swingle (Lime) | Dr Mya Thuzar |
| 11:00-11:15 | Online Chem: | Win Win Nwe | Eco-friendly Natural Dye from Eucalyptus Bark and its Application in Printing Graphics | |
| 11:15-11:30 | Online Chem: | Margaret Hkawn Tawng | Contamination Assessment of Trace Metals in Urban Road Dusts from Selected Areas of Mon State, Myanmar | |
| 11:30-11:45 | Online Chem: | Ei Ei Khaing | Screening of Antimicrobial Activity and Analysis of Essential Oil Extracted from <i>Citrus aurantifolia</i> (Christm.) Sw. (Thanbaya) Leaf | |
| 11:45-12:00 | Online Chem: | Khin Myint | Comparative Study of Photocatalytic Properties of ZnO Photocatalysts on the Degradation of Methyl Orange | |

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| Lunch (12:00 - 12:45) | | | | |
| 12:45-13:00 | Online Chem: | Thin Yu Mar | Water Quality Analysis of from Laellu Village Myothit Township Magway Region | Dr Nway Shwan Oo |
| 13:00-13:15 | Online Chem: | May Mon Oo | Extraction, Isolation and Structural Determination of Organic Compounds from Mak Khar Fruits (<i>Zanthoxylum Acanthopodium</i> Dc.) | |
| 13:15-13:30 | Online Chem: | Kay Khine Win Swe | Study on Antioxidant, Antidiabetic Activities and Cytotoxicity of <i>Abelmoschus Esculentus</i> (L.) Moench (Lady Finger) Seeds | |
| 13:30-13:45 | Online Chem: | Zin Mar Soe | Production of Pulp and Paper Sheet from Banana Pseudostem Fibers | |
| 13:45-14:00 | Online Chem: | Thet Thet Mon | Investigations on Anti-Proliferative and Anti-Inflammatory Activities of Bark of <i>Ziziphus Mauritiana</i> Lam. (Zee) | |
| Coffee Break (14:00-14:30) | | | | |
| Plenary Session Main Room (14:30 – 15:30) | | | | |
| Closing Ceremony Main Room (16:00 – 17:00) | | | | |

24/11/2023 (Friday)
Parallel Session 4: Zoology (Room-4)

| Time | P/T | Author | Title | Chairman |
|------------------------------|---------------|-------------------|--|------------------|
| 08:30-08:45 | Offline Zool: | Kyaw Yadanar Min | Occurrence of Some Bird Species Composition and Abundance in Myeik University Environs, Tanintharyi Region | Dr Aye Aye Ko |
| 08:45-09:00 | Online Zool: | Ei Ei Ko | Occurrence of Microorganism Species in Pyidawthar Lake at Sadaung, Sagaing Region | |
| 09:00-09:15 | Online Zool: | Kay Thi Moe | Relative Abundance of Some Aquatic Macroinvertebrates in Kanthonesint Lake of Pathein Township, Ayeyarwady Region | |
| 09:15-09:30 | Online Zool: | Khet Wai Moe | The Relationships between Water Parameters and the growth rate of Asian tiger shrimp (<i>Penaeus monodon</i>) in Demonstration farm of U-To Village, Chaungtha | |
| 09:30-09:45 | Online Zool: | Ni Ni Ko | Occurrence of some Butterfly species Puddling in Goke Twin Creek Naunghkio Township, Northern Shan State, Myanmar | Dr Win Win Than |
| 09:45-10:00 | Online Zool: | Zin Me Me Ko | Assessment of Catching Efficiency of Traditional Prawn Fishing Gears in Kyaunggon Township, Ayeyarwady Region | |
| 10:15-10:30 | Online Zool: | Tun Tun Myint | Assessment of Water Quality with Bio-Indicator of Zooplankton Community Structure in Sunye Lake, Kyaukse District, Mandalay Region | |
| Coffee Break (10:30 - 10:45) | | | | |
| 10:45-11:00 | Online Zool: | Kyi Kyi Win | Morphometric Study in Cultured and Wild Population of Nile Tilapia Based on Truss Network Analysis | Dr San San Hmway |
| 11:00-11:15 | Online Zool: | Nang Cherry Oo | Impacts of Abiotic Factors on Population of Some Insect Pests at Moe Kaung Village, Sintkaing Township, Kyaukse District | |
| 11:15-11:30 | Online Zool: | Myitzu Thinn Aung | Nest number and Nesting Sites of some bird species in Thanhlayet Soon Environs, Yangon Region | |
| 11:30-11:45 | Online Zool: | Thandar Aung | Diversity of Avifauna from Taunggoke Environs, Rakhine Sate | |
| 11:45-12:00 | Online Zool: | Khin Yadana Myint | Investigation on Length Weight Relationship and Condition factor of Some Scaleless fishes from Nyaung Chaung village in Kangyidaunt Township | |

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|---|--------------|------------------|---|-----------------------|
| Lunch (12:00 - 12:45) | | | | |
| 12:45-13:00 | Online Zool: | Thet Thet Lwin | Monthly Occurrence of Some Fish Species from Nyaung Tang Jetty Pazundaung Township, Yangon Region | Dr Nyein Nyein Hlaing |
| 13:00-13:15 | Online Zool: | Myint Moht Moht | Occurrence and Species Composition of Some Birds at Yama Nya Ward, in Pathein Environs | |
| 13:15-13:30 | Online Zool: | Aye Nyein Thu | Study on the induced breeding of <i>Barbonymus Gonionotus</i> (Bleeker, 1849) at Pathein Fishery Station | |
| 13:30-13:45 | Online Zool: | Ohnmar Cho | Study on Frugivorous Bat <i>Pteropus Giganteus</i> Brunnich, 1782 (Indian Flying Fox) Around Kyaung Gyi Oh Dan, Pyay Township | |
| 13:45-14:00 | Online Zool: | Khaing Thant Zin | Isolation and Identification of <i>Lactobacillus</i> from Yogurt | |
| Coffee Break (14:00-14:30) | | | | |
| Plenary Session Main Room (14:30 – 15:30) | | | | |
| Closing Ceremony Main Room (16:00 – 17:00) | | | | |

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| 24/11/2023 (Friday) Convocation Hall, Myeik University, Myeik, Myanmar | | |
| CLOSING CEREMONY | | |
| 16:00 – 17:00 | Closing remarks | H.E. U Myat Ko, Chief Minister, Tanintharyi Region Government, the Republic of the Union of Myanmar |
| | Closing remarks | Dr Win Tun, Director General, Higher Education Department, Ministry of Education, the Republic of the Union of Myanmar |
| | Closing remarks | Prof. Dr. Xixi Zhao, CAS Key Laboratory of Ocean and Marginal Sea Geology; Southern University of Science and Technology South China Sea Institute of Oceanology, Chinese Academy of Sciences |
| | Words of Thanks | Prof. Dr. Win Win Than, Rector of Myeik University, Higher Education Department, Ministry of Education, the Republic of the Union of Myanmar |