



# Seaqis Bulletin

Bandung, Maret 2024

Issue #21

## SEAQIS and PT PKN Collaborate to Advance STEM Implementation



SEAQIS with PT Pesona Khatulistiwa Nusantara (PT PKN) conducted training from 7 to 8 December 2023 in Bulungan Regency, North-Kalimantan. This partnership aimed to enhance the pedagogical and professional skills of teachers, principals, and school supervisors in improving STEM learning and implementation, aligning with the broader goal of supporting educational development in areas affected by mining.

The training, facilitated by the SEAQIS team, featured specific sessions customised for different educational roles. Dr Indrawati led sessions for principals and supervisors, Mr Gunawan-Muhammad for junior high school teachers, and Mr Heri Setiadi for primary school teachers. The materials covered various aspects

including Kurikulum Merdeka, STEM learning, project design, and preparation of learning tools.

Dr Indrawati (Director of SEAQIS) expected that after this training, teachers can develop learning tools that follow the curriculum and develop students' potential. Consecutively, principals and school supervisors can also improve their role in supporting STEM learning and implementation.



# Charting STEM Mastery for Science Teachers in Maluku

To meet the global demands in education, SEAQIS and other SEAMEO Centres Indonesia collaborated with the Professional Development Centre for Educators (BGP) of Maluku Province for equipping secondary school teachers in Maluku with comprehensive STEM skills that can be integrated with extracurricular and co-curricular areas, as a way to support the implementation of Merdeka Belajar policy and to develop the programme “Adopting the 21st Century Curriculum from SEAMEO Seven Priority Areas.”

Through the first batch of training held from 12 to 14 November 2023 at Manise Hotel, Ambon, this three-day activity entitled “Pelatihan Guru dalam Implementasi Kebijakan Merdeka Belajar melalui Pendekatan Holistik”

covers several topics regarding the development of STEM and its application to strengthen Profil Pelajar Pancasila. Following the success of the first batch in November 2023, SEAQIS in collaboration with SEAQIL and SEAQIM continued on a holistic approach for the batch 2 training programme. SEAQIS team were addressed as the facilitator in this programme which conducted from 7 to 9 December 2023 at Swiss-Belhotel Ambon.



## The Last and Memorable ICCM in 2023

Seven SEAMEO Centres in Indonesia (SCI) attended the 3rd Inter-Centre Collaboration Meeting (ICCM) from 14 to 15 December 2023 in Semarang, Central Java. All the SEAQIS Board of Directors (BoD) along with some staff actively participated in this meeting, discussing four main points: human resources, output achievement and SCI's budgeting, partnership, as well as the SCI's recent condition.





Dr Misbah Fikrianto as the Deputy Director for Administration from SEAMEO QITEP in Language officially opened this meeting. On the first day, the meeting started with the human resources discussion in SCI, specifically non-civil servant human resources for 2024. Meanwhile, on the last day, several discussions were conducted: (1) the procedure to collaborate with international organisations delivered by Mr Anang Ristanto (Acting Head of Bureau of Cooperation and Public Relations from Ministry of Education,

Culture, Research, and Technology); (2) potential collaboration with Department of Education in Papua Province; (3) SCI's programme achievement and budgeting with Directorate General of Higher Education, Research, and Technology; as well as (4) planning for 2024 collaboration programme among all SCI.



In addition, Dr Indrawati as the Director of SEAQIS delivered her farewell speech as 2024 will be her retirement. All the BoD from seven SCI also directly delivered their impressions and messages towards Dr Indrawati during the time of getting to know her both professionally and personally.



## Exploring Collaboration on STEM Training in Bangkok

On 16 January 2024, SEAQIS visited the Indonesian School of Bangkok to discuss a potential collaboration between SEAQIS and the Embassy of the Republic of Indonesia in Bangkok. The visit was warmly welcomed by His Excellency, the Education and Culture Attaché, Ir Achmad Wicaksono PhD. Representing SEAQIS, Mr Rizwan Darmawan (Head of Human Resources and

General Affairs Division) proposed collaboration to conduct training to enhance the capacity of teachers at the Indonesian School of Bangkok in implementing STEM learning.

The Education and Culture Attaché emphasised that the improvement of the quality of teachers and education personnel was one of the Embassy's priorities to create enjoyable learning activities that could enhance students' problem-solving abilities.

During the discussion, he also suggested including Thai teachers from partner schools of the Indonesian School of Bangkok in the training, as part of the Embassy's contribution to enhance the quality of education in Thailand.

At the end of the discussion, both SEAQIS and the Embassy expressed an expectation to realise this collaboration, not only through the proposed training but also through various programmes designed by SEAQIS for teachers and education personnel in Southeast Asia.





## From Palembang to Bandung: Elevating Skills in STEM Learning

SEAQIS warmly welcomed the lecturers and undergraduate students from Biology Education Study Programme Universitas Muhammadiyah Palembang on 16 January 2024. The intention of this meeting was they were eager to learn more about STEM learning through a workshop from SEAQIS' experts, and both parties have agreed to collaborate more in the future.

Ms Lia Auliandari as the Head of Biology Education Study Programme was very grateful to be welcomed in SEAQIS and delivered her wish to upgrade the skills in STEM learning through this one-day workshop. Mr Reza Setiawan as the Deputy Director for Programme of SEAQIS also delivered his speech, gave a brief introduction of the Centre, as well as officially opened the workshop. There were 45 undergraduate students along with several lecturers participated in the workshop on "Tips



and Tricks for Designing STEM Learning Tools". Mr Heri Setiadi as one of SEAQIS' experts in Biology subject shared his knowledge and experiences in teaching Biology through the STEM lens. The participants were also excited to discuss their concerns with Mr Heri during the workshop.



Kompleks Balai Besar Guru Penggerak Provinsi Jawa Barat,  
Gedung B, Jl. Dr. Cipto No. 9, Bandung, West Java 40171, Indonesia

+62 22 421 8739 [secretariat@qitepinscience.org](mailto:secretariat@qitepinscience.org)

+62 22 421 8749 [www.qitepinscience.org](http://www.qitepinscience.org)

+62 821 2345 0630 [@seaqis](https://www.instagram.com/seaqis) [QITEP in Science](https://www.facebook.com/QITEP.in.Science)

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