

About SEAMEO STEM-ED

The SEAMEO Regional Centre for STEM education aims to develop, maintain, and continuously strengthen capacities in STEM education, serving as a regional knowledge repository and creator through high quality research in STEM education both in Thailand and in the SEAMEO region in a way that builds evidences of good practices, experiments, and demonstrates pragmatic solutions, and guides effective policy formulation and capacity building of policymakers, professionals, and practitioners.



SEAMEO STEM-ED

Southeast Asian Ministers of Education Organization
Regional Centre for STEM Education
(SEAMEO STEM-ED)

Contact Us

Southeast Asian Ministers of Education Organization Regional Centre for STEM Education (SEAMEO STEM-ED)

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"A regional research and capacity building centre of excellence for STEM education that advocates and supports evidence-based policy and practice."

SEAMEO STEM-ED's Function

Providing Consultation, Technical assistance and advocacy of evidence-based policies and practices for strengthening STEM Education

Development of model STEM curriculum units and related assessment tools aligned with the existing common core regional learning standards in science and mathematics

Developing human resources, both educational leaders and practitioners through both face-to-face and online methods

Dissemination of STEM information (database) on what works to policy makers and practitioners for improving STEM Education

Expertise sharing, conducting or co-conducting research and evaluation, in collaboration with member countries and STEM-related SEAMEO centres, on programs related to STEM Education

SEAMEO STEM-ED's Strategic Framework

ENHANCING COMPETITIVENESS OF STEM WORKFORCE

Engaging public-private-universities partnerships in the implementation of **STEM career academies**

ACHIEVEMENTRAISING STUDENT

Strengthening school leadership capacity, enhance instructional practices, and cultivate cultures of shared responsibility for student performance by implementing **STEM Professionals Academy**

STRENGTHENING REGIONAL STEM LEARNING RESOURCES

Assembling a regional team to develop **Regional STEM Learning Modules** which match regional context and to provide teacher professional development

ADVOCACY POLICY

Develop a **What Works Platform** to develop research capacity and inform policy makers through rigorous studies of policies and practices



The 1st Governing Board Meeting of
SEAMEO Regional Centre
for Sufficiency Economy Philosophy for Sustainability
and
SEAMEO Regional Centre for STEM Education
27-28 Sep 2019

Program Areas (2019-2024)

STEM Education Research and Evaluation

- What works
- Program Evaluation

Resources and Capacity Building

- STEM Learning Modules
- STEM Career Academies
- STEM Professional Academies

Advocacy, Partnership and Communication

- Public Private Partnership networks
- Policy Advocacy Forum
- Communication and Disseminations