

Studies to Achieve SDGs in the New Normal: Analysis of Exemplary Project-based Programme

¹Ng Khar Thoe, ²Sivaranjini Sinniah, ³Nelson Cyril, ⁴Wan Noor Adzmin Mohd Sabri,
⁵Shah Jahan Assanarkutty, ⁶Deva Nanthini Sinniah, ⁷Mariam Othman & ⁸Bhavani Ramasamy

^{1,2,3,4,6&8}*Training and Research Division, SEAMEO RECSAM, Malaysia*

⁵*Administrative Division, SEAMEO RECSAM, Malaysia*

⁷*Educational Planning and Research Division, Ministry of Education, Malaysia*

¹*Corresponding author: nkt@recsam.edu.my*

Abstract

Purpose - This paper exemplifies Search for SEAMEO Young Scientist (SSYS) project-based programme that was initiated since 1997 with themes reflecting sustainable development and were in line with SDGs.

Method - Qualitative research with ‘dominant model’ of ‘mixed-research design matrix’ was implemented with mixed-mode of data analysis and reports on exemplars using ‘Type 4’ multiple case analysis.

Findings - The analysis of data revealed that students who participated in the 11th SSYS 2018 congress were able to present research outputs integrating transdisciplinary studies which were in line with SDGs as reflected in set theme. Apart from fulfilling SEAMEO Education Agenda Priority Areas No.7 (Adopting 21st century curriculum) to ensure sustainable living through quality education (i.e. SDG No. 4), exemplary projects that integrate SDGs were also showcased through within-case analysis.

Significance - SSYS biennially held congress served as excellent platform for networking and dissemination of transdisciplinary project outputs that reflect SDGs. The organisation of 11th SSYS 2018 congress integrating e-forum for networking sessions showed the needs to incorporate blended-mode platform that proved to be an important practice in the new normal.

Keywords: Sustainable Development Goals (SDGs), Congress, Science and mathematics education, Investigative research project, Networking.