



SPONSORED PROJECT

The School of Environment, Resources and Development (SERD)



1. Project name	Conceptions and practices of STEM education for sustainable development in Vietnam
2. AIT Lead Faculty	Dr. Thi Phuoc Lai Nguyen
3. Short Descriptions	<p>It aims to understand teachers' conceptions of STEM education and teaching practices. Through interviews, surveys, and interactive training workshops with teachers and managers of schools in 10 provinces all over Vietnam and reviews of STEM context-based teaching projects developed in SESDP2, this project will suggest a framework for fostering a problem-solving approach in STEM and the continuum of STEM models.</p>
4. Output/Social Impact	<ul style="list-style-type: none">• It emphasizes constructivist educational techniques in schools in order to relate teaching to a real-world context and address global issues such as climate change, pollution, waste management, poverty, sustainable consumption, and production.• Teachers are encouraged to apply systems thinking and to identify local development issues to incorporate into their teaching efforts. These initiatives are intended to assist high school students in becoming agents of social change.
5. Partners	Vietnam University of Education
6. Donors	Vietnam MOET-SESDP2/ADB
7. Project Duration	Vietnam MOET-SESDP2/ADB
8. Total grant amount	THB 456,000
9. SDG	4