



13.3 Environmental education measures SDG 13 – Indicator 13.3.1 Local education programmes on climate

Education is a crucial element in addressing the climate crisis and achieving the Sustainable Development Goals (SDGs). By fostering environmental literacy, education empowers individuals to comprehend the causes and consequences of climate change, inspiring them to adopt sustainable practices aligned with the SDGs. Integrating climate change education into curricula across disciplines equips students with the knowledge and skills necessary to navigate the complexities of this global challenge, contributing to SDG 4 (Quality Education) and SDG 13 (Climate Action). Furthermore, education can cultivate critical thinking, problem-solving abilities, and a sense of responsibility towards environmental stewardship, promoting progress across various other SDGs, such as SDG 12 (Responsible Consumption and Production) and SDG 15 (Life on Land). Ultimately, by promoting awareness, understanding, and action, education plays a pivotal role in building a climate-resilient and sustainable future for all.



Figure 1 Studium General on Climate Change conducted at FKIP Unsri.

In mid-2023, the Faculty of Teacher Training and Education (FKIP) at Sriwijaya University (Unsri) held a Studium Generale event focused on Climate Education. To provide expert insights, they invited two distinguished speakers: Dr. Laura Wheeker from Brigham Young University and Dr. Kathy Cabe Trundle from Sriwijaya University. Their presentation was titled "Indonesian Preservice Teachers and Climate Change", addressing the crucial role of educators in understanding and responding to climate change. (https://www.youtube.com/watch?v=4uYe6ZXiC3Y)

Researchers from the Faculty of Teacher Training and Education (FKIP) at Sriwijaya University (Unsri)

conducted a study on the role of eduparks in education. Their research focused on analyzing the importance of eduparks in providing practical, hands-on learning experiences for educators and students. Utilizing a SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis framework, the researchers investigated several key aspects of a successful edupark. Their findings highlighted the critical need for:

Sufficient Education Centers: A diverse range of education centers within the edupark is essential to cater to the diverse learning needs of visitors. These centers could include museums, science labs, interactive exhibits, and workshops focused on various educational disciplines.

Relevant Study Programs: The study emphasized the importance of aligning the edupark's offerings with relevant study programs for aspiring educators. This alignment ensures that future teachers gain practical experience and exposure to innovative teaching methodologies within the edupark setting.

Meeting Visitor Needs: The researchers stressed the significance of eduparks in effectively meeting the needs of their visitors. This involves providing accessible, engaging, and informative learning experiences that cater to different age groups, interests, and learning styles. By addressing these critical factors, eduparks can play a vital role in enhancing education and promoting a culture of lifelong learning (https://openaccessojs.com/JBReview/article/view/1597).

Universitas Sriwijaya also provides graduate programs in environmental education, including master's and doctoral degrees, focusing on climate change. (https://pps.unsri.ac.id/program-studipengelolaan-lingkungan/) (https://pps.unsri.ac.id/ilmu-lingkungan/).

Students in these programs learn about climate change issues, conduct research on related topics, and present their findings in theses and dissertations. The programs also actively promote awareness of climate change risks, impacts, and solutions through various outreach activities like webinars and seminars.

Research within these programs explores climate change solutions and mitigation strategies, with students producing in-depth theses and dissertations. Universitas Sriwijaya collaborates with external organizations to extend its influence and contribute to climate change initiatives. These partnerships help in developing and implementing early warning systems for climate-related disasters. Overall, the university is dedicated to fostering environmental leadership and addressing climate change challenges through education, research, and collaboration.