

Steven Setiawan

steven.setiawan573@gmail.com • www.linkedin.com/in/steven-setiawan-500488134

EDUCATION

Erasmus Mundus Joint Masters

International Master's Programme on Circular Economy (CIRCLE)

Netherlands and Austria
August 2022 – August 2024

- First year curriculum: Industrial Ecology in Delft University of Technology and Leiden University (Netherlands).
- Second year curriculum/program: Institute of Systems Sciences, Innovation and Sustainability Research in University of Graz (Austria).

Bandung Institute of Technology (ITB)

Bachelor of Science in Biological Sciences - GPA 3.72 / 4.00

Bandung, Indonesia
August 2017 – July 2021

- Valedictorian of SITH ITB July 2021 Graduation Period (for Bachelor Student).
- *Pertamina Foundation Sobat Bumi Awardee 2020* by Pertamina Foundation, *Affirmative Scholar of TELADAN 2020* by Tanoto Foundation, and *West Java Government Scholarship Awardee 2018* by West Java Government.

PUBLICATIONS

Setiawan, S., Permana, A. D., and Burhan, K. H. 2021. Bioconversion of Jamu Dreg by Black Soldier Fly Larvae, *Hermetia illucens* L. (Diptera: Stratiomyidae). <https://digilib.itb.ac.id/index.php/gdl/view/55419>

Setiawan, S. et. al. 2018. The Influence of Various Composition of Total Fat Content in Milk towards Mice (*Mus musculus*) Growth Rate. https://www.researchgate.net/publication/337826430_The_Influence_of_Various_Composition_of_Total_Fat_Content_in_Milk_towards_Mice_Mus_musculus_Growth_Rate

PROFESSIONAL EXPERIENCE

Eco Learning Camp Foundation (<https://www.instagram.com/eco.learningcamp/>)

Program Staff

Bandung, Indonesia
January 2020 – July 2022

- Taught more than 10,000 people about environmental awareness, especially concerning waste management and climate change issue.
- Designed and implemented Prima Rasa's integrated waste management plan in 2021, with the funding of €2,000, while secured partnership with Bersinar Waste Bank.
- Designed and secured partnership between LPDP ITB Scholarship Awardee community service team with Ciburial village about thematic education in waste management in 2021.
- Raised USD 6,000 from Pertamina Foundation for building 2 Black Soldier Fly Larva (BSFL) waste management site and implemented carbon removal scheme through waste management from 2020 - 2021.
- Mentored 40 teams throughout Indonesia through BSFL waste management workshop from 2020 - 2021.
- Created USD 50,000 funding allocation report from OLYMP Beznar Stiftung, SOHO Global Health, and other national donators from 2020 - 2021.
- Secured partnership to recycle organic waste from Rahsa Nusantara and two bakeries from Bandung with the maximum recycling capacity of 2 ton / month.

Rahsa Nusantara (<https://shop.rahsa.id/>)

Impact Officer

Bandung, Indonesia
July 2019 – July 2022

- Designing Rahsa Nusantara's campaign and program to offset Q1-Q2 2022 carbon emission by planting mangroves with Sedari Beach village forestry community during Mangrove Day 2022.
- Managing and reporting environmental impact from waste management partnership.
- Co-led Kampus Merdeka intern to design causal loop diagram from aspects of B-Corp Certification effort of Rahsa Nusantara in 2021.
- Managed "Environment" part evaluation of Rahsa Nusantara's B-Corp certification submission in 2021.

OTHER PROFESSIONAL ACTIVITIES

PT Kingaziz Konstruksi Indonesia

Project Officer Assistant

Jakarta, Indonesia
May – October 2021

- Created Monitoring and Implementation Report of PT Kingaziz Konstruksi Indonesia in the project of ICLEI's Ambitious City Promises in TPS3R Rawasari (Rawasari Recycling Center)

(<https://icleiseas.org/index.php/2021/08/20/iclei-hands-over-ikhtiar-jakarta-outputs-to-dki-jakarta-provincial-government/>).

- Managed technicalities of Black Soldier Fly Larva (BSFL) operation in TPS3R Rawasari by assisting Jakarta's Environmental Protection Agency / Dinas Lingkungan Hidup Jakarta.

SDGs Marathon (<https://www.instagram.com/sdgsmarathon/>)

Indonesia

Co-Founder and Co-Lead

June 2021 – now

- **Co – led** 20 volunteers to create a SDGs-related habit competition for 9 months, with 83 participants.
- **Introduced** SDGs related action to more than 1,300 people in Indonesia.
- **Connected** >20 Indonesia's National SDGs Campus Ambassador to socialize SDGs among youth.

Baramoeda (<https://www.instagram.com/baramoeda/>)

Bandung, Indonesia

Co-Founder

January 2020 – now

- Managed USD 1,500 funding from Pertamina Foundation (through PFmuda 2020 scheme), to compensate Ciburial village's carbon footprint in 2020 by rejuvenating 2 mangrove sites and implementing Black Soldier Fly Larva (BSFL) waste management.
- Co - led Meme for Climate Competition for European Union Climate Diplomacy Week 2020 by EU in Indonesia.
- Managed USD 1,000 environmental project funding from Ultra Jaya and Campina in May – July 2020.
- Initiated Baramoeda Berbagi, that employed 28 housewives in Ciburial Village to recycle patchwork into reusable masks, produced more than 7,500 masks, and helped >1,000 Bandung citizens from the mask selling profit.
- Initiated and managed Waste Warrior Workshop with Eco Camp, that was attended by 60 participants across Bandung, to learn about organic waste management by BSFL.

PROJECT GRANTS

1. 2022 East West Center (EWC) Teaching Fellows Grant (USD 2,000): Co-led 2022 Conservation Optimism Southeast Asia Awards (<https://conservationoptimismaward.mystrikingly.com/>), a citizen journalism award for Southeast Asia citizens who promotes positive narrative in environmental issues.
2. 2021 eMpowering Youths Across ASEAN Grant (USD 5,000): Co-managed water, sanitation, and health (WASH) education curriculum creation in Cebu City, Philippines with ASEAN Foundation and Masy Consultants.
3. 1st Runner-Up of Young Southeast Asia Leaders Initiative (YSEALI) Summit 2021 Grant (USD 10,000): Co-founded Sprout Academy, which equipped >50 high school students across SEA, through 5-week intensive online bootcamp program, with 21st century work skills (<https://www.youthop.com/workshops/sprout-online-bootcamp>).
4. 1st Runner-Up of ReThink Protein Challenge #2 (Prototyping Category) (USD 3,000): Co-founded Blue Chitin, business idea of circular economy in shellfish industry to create sustainable fish (especially Nile tilapia) additive ingredients (<https://rethinkprotein.nl/candidate/details/16055>).

PROFESSIONAL ASSOCIATIONS

1. EE 30 Under 30 Batch 2020 of North American Association for Environmental Education (NAAEE) (<https://naaee.org/programs/ee-30-under-30>) (August 2020 – now): Promoting environmental education programs.
2. Young Leaders for Indonesia National Wave 12 by McKinsey & Co (August 2020 – March 2021) (<https://yli.or.id>): Provided consulting to convenience store retail in Indonesia and built waste burning initiative solutions in consultant framework context.
3. ASEAN Youth Organization Ambassador Batch 1 (May 2020 – May 2021) (<https://aseanyouth.net/>): Introduced ASEAN issues to youth across Southeast Asia.

PROFESSIONAL HONORS, AWARDS, AND FELLOWSHIP

1. EE 30 Under 30 Scholarship Recipient for NAAEE Conference 2022 in Tucson, Arizona.
2. Official representative of Indonesia for 2021 Youth4Climate: Driving Ambition (Pre-COP 26) in Milan, Italy on September 2021 (<https://www.un.org/youthenvoy/youth4climate-driving-ambition/>).
3. YSEALI Academic Fellowship Fall 2021 on Environmental Issues and Natural Resource Management (virtual and in-person program in East West Center, Honolulu, Hawaii) (<https://asean.usmission.gov/ysealiafp/>).
4. Top 12 of Opportunity Desk Impact Challenge 2021 (<https://opportunitydesk.org/2021/01/31/announcing-the-od-impact-challenge-2021-top-12-finalists/>).

COMMUNITY SERVICES

1. Mentor in Givuera SDGs Mentorship Program (<https://www.instagram.com/p/CjPiSOzr5Bs/>).
2. Teaching Fellow in YSEALI Academic Fellowship Program Spring 2022 Period.