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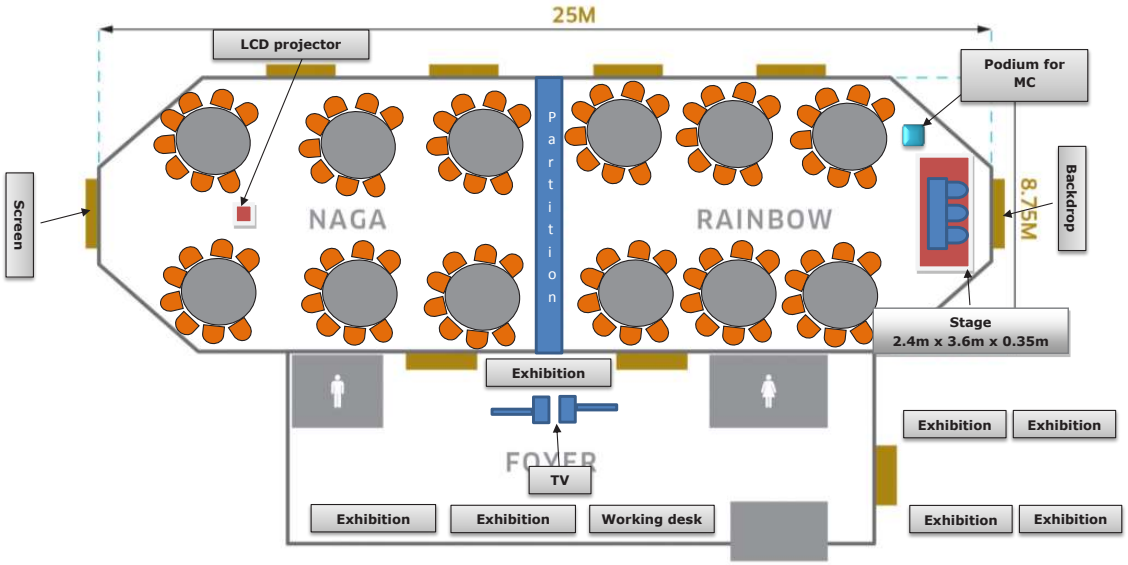
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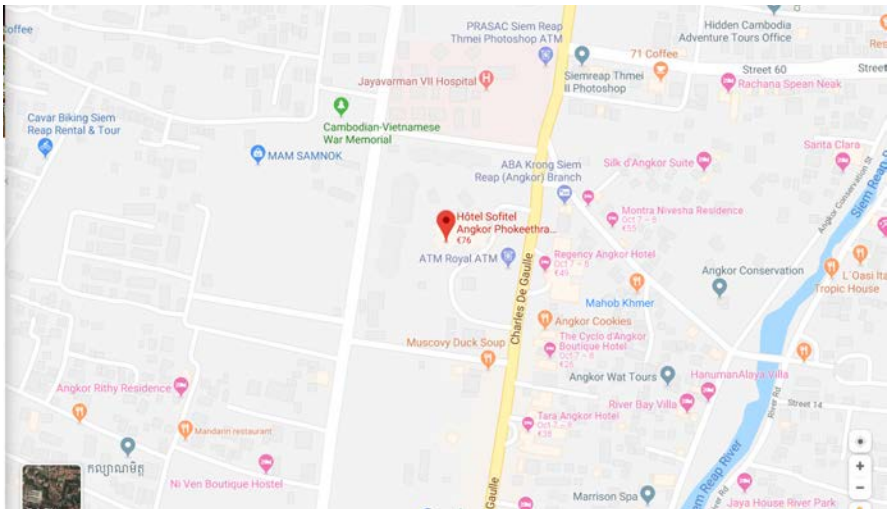
Official Meeting Room Arrangement

SOFITEL
ANGKOR PHOKEETHRA GOLF & SPA RESORT



3 conference microphones for panel discussion, 2 wireless microphone to stand by
Coffee break in the garden of hotel

Sofitel Angkor Phokeethra Golf & Spa Resort



Sofitel Angkor Phokeethra Golf & Spa Resort









THE 15TH MEETING OF THE CONFERENCE OF THE PARTIES TO THE ASEAN AGREEMENT ON TRANSBOUNDARY HAZE POLLUTION (COP-15 AATHP)

THE 15TH ASEAN MINISTERIAL MEETING ON THE ENVIRONMENT (15TH AMME)

AND RELATED MEETINGS

7-10 October 2019, Sofitel Angkor Phokeethra Golf & Spa Resort, Siem Reap, Cambodia

TENTATIVE DAILY SCHEDULE

Date	Time	Activities	Chairpersonship
6 October (Sunday)	Whole day	Arrival of the Delegates	
7 October (Monday)	09.00 - 17.00 (parallel)	15th Meeting of the Committee under the Conference of the Parties to the ASEAN Agreement on Transboundary Haze Pollution **(COM-15 to AATHP)**	Chair: Cambodia Vice-Chair: Philippines
	09.00 – 12.00 (parallel)	Preparatory Meeting of the ASEAN Senior Officials on the Environment (ASOEN) for the 15th AMME	Co-Chairs: Cambodia (Host and Chair of AMME) and Indonesia (Host and Chair of next AMME)
	09.00 – 17.00 (parallel)	**ASEAN Environment Day 2019**: (for AWGEE NFPs, eco-schools and youth representatives) • Seminar on Eco-schools / Eco-Youth Champion Awards • Exhibition	Hosted by: Cambodia
	19.00 - 21.00	Welcome Dinner for the Delegates of 15th AMME and Related Meetings	Hosted by: Cambodia

8 October (Tuesday)	09.00 – 12.00	**Opening Ceremony** • Presided over by the Deputy Prime Minister • Photo session, tree planting, exhibition	
	14.00 - 17.00 (parallel)	15th ASEAN Ministerial Meeting on the Environment **(15th AMME)**	Chair: Cambodia Vice-Chair: Indonesia (Host and Chair of next AMME)
	14.00 - 17.00 (parallel)	Visit Eco-School (by AWGEE NFPs, eco-schools and youth representatives)	Hosted by: Cambodia
	18.15 - 21.00	**ASEAN Environment Day 2019** (continued) and Dinner Reception: • The ASEAN Eco-Youth Champion Award (AYECA) Ceremony • The ASEAN Eco-School Award Ceremony	Hosted by: Cambodia
9 October (Wednesday)	09.00 – 12.00	15th Meeting of the Conference of the Parties to the ASEAN Agreement on Transboundary Haze Pollution **(COP-15 to AATHP)**	Chair: Cambodia Vice-Chair: Philippines
	14.00 – 15.00	ASEAN-Japan Ministerial Dialogue on Environmental Cooperation **(AJMDEC)**	Chair: Cambodia Co-Chair: Japan
	15.30 – 17.00	16th ASEAN Plus Three Environment Ministers Meeting **(16th ASEAN Plus Three EMM)**	Chair: Cambodia Vice-Chair: N/A
10 October (Thursday)	Whole day	Social Programme for the Ministers and Site Visit (Golf or Angkor Wat)	
11 October (Friday)	Whole Day	Departure of Delegates	

*****

ASEAN ENVIRONMENT DAY 2019 -

ASEAN SEMINAR ON ENVIRONMENT FOR FUTURE GENERATIONS:

ECO-SCHOOLS AND YOUTH CHAMPIONS

7-8 October 2019

Siem Reap, Cambodia

TENTATIVE PROGRAMME

DAY 1 – MONDAY, 7 OCTOBER 2019	
ASEAN Seminar on Environment for Future Generations: Eco-schools and Youth Champions	
08.30	Registration
09.00	Welcome Remarks by H.E Chuop Paris, Director General, DGEKI Opening Remarks (AWGEE Chair – Brunei Darussalam)
09.15	**Inspiring Messages** *Speaker 1: Mr. Reksa Sangvat, Youth Representative from Cambodia* *Speaker 2: Prof. Hidefumi Kurasaka, Graduate School of Humanities and Social Sciences, Chiba University*
10.00	**Opportunities for Young Generation in Contributing to Environmental Protection in ASEAN** *Speaker: Representative from AWGEE (tbc)*
10.20	Group Photo and Coffee Break
10.35	**Plenary Session 1 –Best Practices & Lessons Learned of Eco-schools Leadership** *Moderator: Mr. Savuth Sem* Panelists – 10 mins each • *Representative from ASEAN school (Lao PDR)* • *Representative from ASEAN school (tbc)* • *Dr. Yukihiko Oikawa, Faculty of Education and the Graduate School of Education, University of Tokyo* Other eco-schools representatives will be invited to briefly share their initiatives (voluntary) (3-5 minutes) – *Lao PDR, Indonesia, Viet Nam, others (tbc)* **Discussion and Q&A** – 10-15 mins

11.30	**Plenary Session 2 –Best Practices and Lessons Learned of Youth Leadership** *Moderator: Mr. Savuth Sem* Panelists – 10 mins each • *Representative from ASEAN youth (Indonesia)* • *Representative from ASEAN youth (Singapore)* • *Representative from ASEAN youth (Viet Nam)* Other youth representatives will be invited to briefly share their initiatives (voluntary) (3-5 minutes) – *Myanmar, others (tbc)* **Discussions andQ&A** – 10 mins
12.30	Lunch
14.00	**Group Discussions – Towards a Sustainable Society: From Commitment to Concrete Action** *Moderator: Mr. Savuth Sem* Group Discussions aim to brainstorm on the role and contribution of schools and youth to creating a sustainable society in ASEAN, and identify potential action and initiatives at personal, community, and national/regional level. Guiding questions will be provided to stimulate discussion.
	Group Discussion 1: Schools *Moderator: tbc* *Members:* • Representatives of Eco-schools • Representatives of AWGEE • Dr. Yukihiko Oikawa
	Group Discussion 2: Youth *Moderator: tbc* *Members:* • Representatives of Youth • AWGEE Representatives • Prof. Hidefumi Kurasaka
15.00	Coffee Break
15.15	**Plenary Session 3 – Future Eco-schools and Youth Cooperation for Environmental Protection ASEAN** *Moderator: Prof. Hidefumi Kurasaka, Graduate School of Humanities and Social Sciences, Chiba University* Panelists – 10 mins each • *Representative from Group 1 (Presentation on Group Discussion Summary)* • *Representative from Group 2 (Presentation on Group Discussion Summary)* • *AWGEE Chair* **Discussion – 30 mins** • Feedback and Synthesis on the Outcomes of Group Discussion • Discussion and Drafting on Joint Pledge of ASEAN Eco-schools and Youths (2-3 short paragraphs to be presented at the Opening Ceremony of the 15th AMME and Related Meetings / ASEAN Eco-schools and AYECA Award Ceremony)

16.00	**Wrap-up and Next Steps**
16.30	**Closing** • Representative from Hanns Seidel Foundation • H.E Chuop Paris, Director General, DGEKI
tbc	Dinner (tbc)

DAY 2 – TUESDAY, 8 OCTOBER 2019	
08.30	Registration
09.00	**Opening Ceremony of the 15th AMME and AATHP COP-15** • Presided by the Deputy Prime Minister of Cambodia • Photo Session, Tree Planting, Exhibition
12.00	Lunch
14.00	**Field Visit to Eco-school**
18.30	**3rd ASEAN Eco-schools and 1st ASEAN Youth Eco-champions Award Ceremony**

ASEAN ENVIRONMENT DAY 2019:

3RD ASEAN ECO-SCHOOLS AND 1ST ASEAN YOUTH ECO-CHAMPIONS (AYECA)

AWARD CEREMONY

8 October 2019

Siem Reap, Cambodia

18.00	Arrival of Guests
18.10	Arrival of VIP Guests
18.15	Introduction of the Programme by MC **Welcome Message** • *Youth Speaker (tbc)* **Opening Remarks** • *Secretary-General of ASEAN* • *Minister of Environment of Cambodia*
18.30	Video on AYECA Award Recipients **AYECA Award Presentation** Group Photo
19.00	Video on Eco-schools Award Recipients **Eco-schools Award Presentation** Group Photo
19.30	**Dinner Reception** Cultural Show

ABOUT THE ASEAN YOUTH ECO-CHAMPIONS AWARD

Youths, as we are aware of, constitute the most active members of society, who are most receptive to new ideas for positive changes. Youths are not only the leaders of tomorrow who will have the power to shape the future of societies and cultures, but already play a key role through diverse initiatives to advocate for social and environmental change.

The ASEAN Youth Eco-Champions Award (AYECA) is an ASEAN initiative to recognise proactive youths as young AMS citizens who have made outstanding contribution in protecting the environment and realising a clean and green environment in his / her respective country and within ASEAN region. The AYECA is designed to engage potential youth recipients to spread their positive attitude towards the environment to a wider community.

The prestigious award is conferred to two youths in the category of Junior Youth (18-25 years old) and Senior Youth (26-35 years old) from each ASEAN Member States (AMS) at the celebration of the ASEAN Environment Day (AED) 2019 who have been active for at least two years and successfully implemented green initiatives within the past five years.

The awarding ceremony was organised in October 2019 in Cambodia, back-to-back with the ASEAN Eco-Schools Award at the sideline of the 15th ASEAN Ministerial Meeting on Environment (AMME).

The AYECA supports the implementation of the ASEAN Working Group on Environmental Education (AWGEE) Action Plan under the ASEAN Socio-Cultural Community Blueprint 2025 to promote vcooperation on environmental management towards sustainable use of ecosystem and natural resources, particularly through the encouragement of environmental education, community engagement and public outreach.

This 1st AYECA Award Programme was co-supported by the Government of Japan through Japan-ASEAN Integration Fund and Hanns Seidel Foundation.

ABOUT THE ASEAN YOUTH ECO-CHAMPIONS AWARD THROPY

Tokens of appreciation in the form of trophies are presented to accomplished youths as a recognition for their exemplary efforts in promoting environmental education in the region. The AYECA trophy is made of transparent acrylic and designed to reflect the important role of youths in promoting environmental education (EE) and education for sustainable development (ESD) towards a clean and green ASEAN Community.



RECIPIENTS OF THE 1st ASEAN YOUTH ECO-CHAMPIONS AWARD 2019



BRUNEI DARUSSALAM



JUNIOR CATEGORY

Amal Afifah Haji Rusali

Brunei Darussalam

Ms. Amal Afifah Haji Rusali is a young environmentalist that has been actively involved in various environmental campaigns both in Brunei Darussalam and abroad. She has gained substantial knowledge on environmental issues throughits a ctive participation in initiatives related to environmental protection since 2010.

In 2010, Ms. Amal took part in the first round of the ASEAN Plus Three Youth Environment Forum as a local youth participant. She was later involved in numerous initiatives launched by the Bruneian Government through the Department of Environment, Park and Recreation of Brunei Darussalam (JASTRe), including, among others, “No Plastic Bag” campaign in 2011 and the “No Styrofoam” campaign in 2013.

Subsequently, Ms. Amal has also taken part in international fora on environment since 2014. She attended her first international environmental forum at the Youth Environment Envoy (YEE) in Singapore in 2014. In the following year, she also participated in the International Youth for Climate Change Forum in Malacca in 2015. In this Forum, Ms. Amal discussed and explored issues related to climate change and led the team of international youths to formulate a Youth Action Plan focusing on Green Growth. The Plan served as a guideline for follow-up activities of participants in their respective communities in their home countries. As her follow up actions from the International Youth for Climate Change Forum in Malacca, she deliberated her experience attained from the Forum, and other environmental initiatives, at the Green Leadership Camp, organised by Green Brunei to raise community awareness on the issue of climate change.

Later in 2016, Ms. Amal served as the President of Brunei Environment Youth Envoy, and led a core team of 6 (six)to organise a recruitment workshop aimed at expanding green community among youths in Brunei Darussalam. In the same year, she also attended the ASEAN+3 Youth Environment Forum in Singapore as a plenary speaker and gave a short presentation on best environmental practices in Brunei Darussalam to inspire youths from othercountries to take similar actions.

Further, in conjunction with the World Environment Day 2016, Ms. Amal led the Environment Youth Envoy in managing an event called the Environmental Fair which featured a series of special events, focusing mainly on educating the public on the current issues of the environment in Brunei Darussalam. In 2017, Ms. Amal volunteered as a team member of the "Jawatankuasa Induk Isu-isu Kebersihan Brunei" during the opening of the Taman Mahkota Jubli Emas. A mass cleaning campaign was held parallel to the aforementioned event aimed to raise public awareness on the importance of ensuring cleanliness of public areas in the Brunei Darussalam. In2018,Ms.Amalrepresenteditscountryasoneofthetwo Bruneiandelegatesto attend the Southeast Asian YouthEnvironment Network (SEAYEN) Regional Meeting in Singapore. In the Meeting, delegations shared their countries' actions on environment and participants came up with action plans that were projected to be implemented in Brunei Darussalam.

Ms. Amal's active engagement and proactive environmental actions demonstrate her strong passion towards environmental protec tion and has added values to current global environmental discourse.







SENIOR CATEGORY

Lin Ji Liaw

Brunei Darussalam

Ms. Liaw graduated as a biologist with a degree in biological sciences which include expertise in terrestrial flora and fauna survey work, river system study and management, and sustainable development.

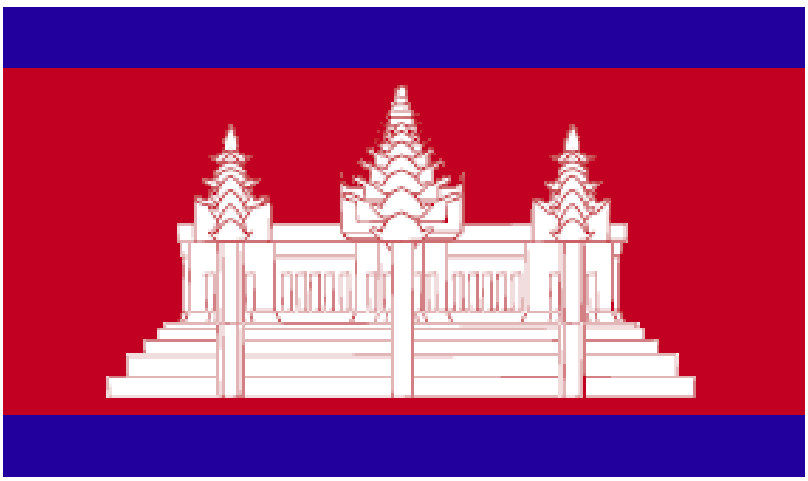
Ms. Liaw Lin Ji is also the founder of the Biodiversity and Natural History Society (BruWILD). BruWILD is an educational Non-Government Organisation working towards the conservation and preservation of Brunei's flora and fauna. BruWILD is now operating in four main educational programs that reach out to hundreds of school children and public members every year, focusing on topics/issues such as climate change, biodiversity protection, wildlife rescue and marine conservation.

Additionally, Ms. Liaw is passionate and dedicated towards biodiversity protection. She had an experience working as an Environmental Specialist in an environmental consultancy company (DHI Brunei) in 2013. Since then, she has been working in an Environmental Impact Assessment (EIA), Environment Management and Monitoring (EMMP)and Strategic Environmental Assessment (SEA) projects in the region. While leading BruWILD as the President, Ms. Liaw was also recently promoted as the Country Manager for DHI Brunei.









CAMBODIA

JUNIOR CATEGORY

NIL Sangvat Reksa

Cambodia



Mr. Reksa is an enthusiastic and passionate youth towards protecting the environment. Mr. Reksa enjoys sharing knowledge, inspiring and motivating others. He is also an expert in designing wastewater treatment plant as he is professionally working as an Environmental Engineer at the B2G Engineering Co., Ltd. Mr. Reksa has joined the aforesaid organisation since August 2018 as a Wastewater Treatment Design Intern and now is holding the position of Environmental Engineer since August 2019. In his daily basis, Mr. Reksa is responsible in designing models and drawings of wastewater treatment plant using AutoCAD and conducting research on new product ideas and methods for the organisation.

Mr. Reksa has worked on environmental initiatives and has played a pivotal role in the delivery and success of his tasks. He has learned to use assertion and gained confidence to make the concept of solid waste management to practice and lead in the home compost bin initiative. In this connection, Mr. Reksa was involved in the development and designing of a home compost bin during his senior year thesis writing under the technical support of B2G Engineering Co., Ltd. The research started from February to July 2018 with the concept of reducing organic sending to landfill. Reksa and his supervisor conducted a study of home compost bins with the main objective of this

research is to design and develop the practical method to speed up the composting process through the home composting bin by adding the waste daily.

Moreover, Mr. Reksa also involved in the Cambodia Green Will on 27 October 2018. The Cambodia Green Will was a full day event, including bike riding and workshop, that brought and gathered together environment professionals, eco-business leaders, private sectors, non-profit organisations, educators and students who were interested about environment through the open exchange of knowledge, skills and experiences related to Sustainable Development Goals, such as Responsible Consumption, Climate Action, Water and Sanitation, Life below Water and Life on Land. The objective of the event was

to learn, share and show the mitigation and solution to fight climate change. The Cambodia Green Will would lead local people to be aware of the environment and to try to think of green ideas and apply it to theirdaily lifestyles such as their working life and business activities.









SENIOR CATEGORY

Riem Monisilong

Cambodia

Mr. Riem Monisilong is a part-time volunteer responsible in recycling art with SmILe Academy School in Siem Reap Province, Cambodia. He is experienced in designing and building a market roof using plastics waste and water bottles at Angkor night market. Mr. Riem is also running a personal recycling art shop at Khmer Product market in Siem Reap Province.

In 2018, Mr. Riem's Artwork came to prominence in the Cambodian community and the South East Asian Region. This spotlight shone on his Art as he created a spectacular Mobile Art Installation that featured a Long Handle Chapei. In Khmer, this instrument is known as *Chapie Dong Veng*. Mr. Riem's awe inspiring *Chapie Dong Veng* Mobile Installation was created to celebrate the two-year anniversary of the *Chapie Dong Veng*'s registration and recognition by UNESCO. His *Chapie Dong Veng* Mobile Installation was created out of recycled plastic and his aim was also to encourage and inspire Khmer's people to recycle, especially plastic items, and promote environmental protection, particularly from plastic litters.

Mr. Riem's aim was to encourage and inspire Khmer people to recycle, especially plastic items. He particularly wished to motivate the younger generation to be aware of environmental issues and challenges. The other message of his artwork was to remind people to reduce the amount of plastic they use and to become an 'Eco Warrior' to save the lives of sea creatures and human beings. Mr. Riem aims to show, not just Cambodians but the world, that plasticcan be used more than once. His art is the medium he has chosen to demonstrate to the world that recycled plastic can be utilised in both creative and practical ways. His art invites a wide range of people to open their minds and think "outside the box" in protecting the environment.

Moreover, Mr. Monisilong and the Director of a Siem Reap private school are currently collaborating to educate students, staff and community to highlight the importance of waste management and the use of plastics through workshops. At these workshops, Mr. Monisilong teaches students how to turn waste / water bottles into flowers, vases and attractive mobile

decorations. Mr. Monisilong uses a fun and interactive approaches for students to learn about waste management. He and the School Director understand that this is the most effective way to bring about change at school and this will encourage and empower students and families to be the agent of change.

Besides all of his excellent and creative acts of plastic wastes, he has also refurbished bars and restaurants with recycled items such as tables and chairs. These items have a dual message reminding patrons of the need for environmental protection and also show them innovative ways to recycle.

Mr. Munisilong dreams of building a Waste Recycle Museum in Cambodia to provide communities with platform to educate people on the importance of plastic waste management. He believes that such museum will show visitors how is it possible to live in a world free of plastic waste and invite them to imagine and become the creators of a “Green World”. As Albert Einstein once said, “Imagination is everything. It is the key to life’s coming attractions”.









INDONESI

JUNIOR CATEGORY

Zacky Irwandi

Indonesia



Mr. Zacky is a co-founder and operational director of Daur Bunga, a non-profit community that focuses on flowers waste management – gained from weddings or other events that use flowers and natural elements in the decorations – to be delivered to public places, such as care house, orphanage , and foundations. The flowers will become a medium for us to interact and exchange stories with other people and create happiness along the way. In this community, Mr. Zacky and the team members have been actively engaged in community service activities since 2016. There have been 31 activities implemented by Daur Bunga which also directly involved more than 350 volunteers.

As a co-founder and operational director, the significant changes Mr. Zacky brought include, among others, improving more structured volunteer management, increasing public exposure through print media, television and radio broadcasts, and building collaboration with cross-sector communities on waste management.

Mr. Zacky had also been a member of Indorelawan as an organization liaison from 2018-2019. Indorelawan is the largest platform in Indonesia where communities and potential volunteers meet. As an organization liason, Mr. Zacky was responsible for managing all communities in the Indorelawan platform, evaluating features in the platform, managing volunteer databases and volunteer activities by the communities, as well as being a representative of Indorelawan for related events.

Prior to joining Indorelawan, Mr. Zacky was also a facilitator at Kebun Kumara (Kumara Garden) in 2017. He contributed as an eco-brick facilitator which was an activity that aims to reduce plastic waste by processing it into eco-bricks. Mr. Zacky has proven his strong commitment to work for the community by being involved in the voluntary and committee work, including as the Head of Community Management at Festival Relawan (Volunteer Festival); Educator for Waste Separation at Waste4change; Volunteer at Trash Wise Troops Project, Tzu Chi Indonesia Environment Project and Happiness Day at SDSN Youth Indonesia. Mr. Zacky's achievements also include numerous awards in the area of voluntary work and environment, namely, the Winner of Agent of Change by Sangobion by Merck in (2018), Scholarship Summercamp Winner Ecole Hoteliere de Lausanne by Solve Education (2018), Indonesia Delegation by AIESEC (2017) and Volunteer of the Year by Indorelawan (2017) as a result of his excellent performance on environmental issues.









SENIOR CATEGORY

Amalia Rezeki

Indonesia

Ms. Amalia Rezeki is passionate towards environmental issues and biodiversity conservation. She is the founder of Sahabat Bekantan Indonesia Foundation (Friends of Proboscis Monkey - Indonesia) which was established in 2013. She is also the Head of Centre for the Study and Conservation of Indonesian Biodiversity. Ms. Amalia has also dedicated herself as a secretary for the Orchid Community and River Care Society. She's graduated from University of Lambung Mangkurat majoring Biology Education and currently pursuing her doctoral degree in the same universitymajoring Management of Natural Resources and the Environment. Ms. Amalia's contributions towards environmental protection have been recognised through numerous awards she received, including, an Honor "PUSPAWANA" from the Sultanate of the Banjarese Kingdom in 2015; Indonesian Inspirational Women Award "She Can Award 2015" in Environmental category; Award from the Environmental and Forestry Caucus of Legislative Parliament of South Kalimantan (DPRD Kalsel) as Environmental Activist in 2017; Pena Hijau Award as a dedication to conservation efforts in 2017; Award as Activist of Flora and Fauna Conservation from the Nature Conservation Agency of South Kalimantan Province in 2019 and; Inspiring Woman Award as the initiator of the Conservation School from Mayor of Banjarmasin in 2019. Aside from her significant contributions to communities and biodiversity conservation through her hands-on involvement, she has also been actively engaged in numerous research activities focusing on biodiversity conservation and forest ecosystem. Her most recent study was on Renew Population Structure of Mangrove Rambai (Sonneratia caseolaris) as the Main Feed of Bekantan (Nasalis larvatus) in Curiak Isalnd – Barito Kuala South Kalimantan.

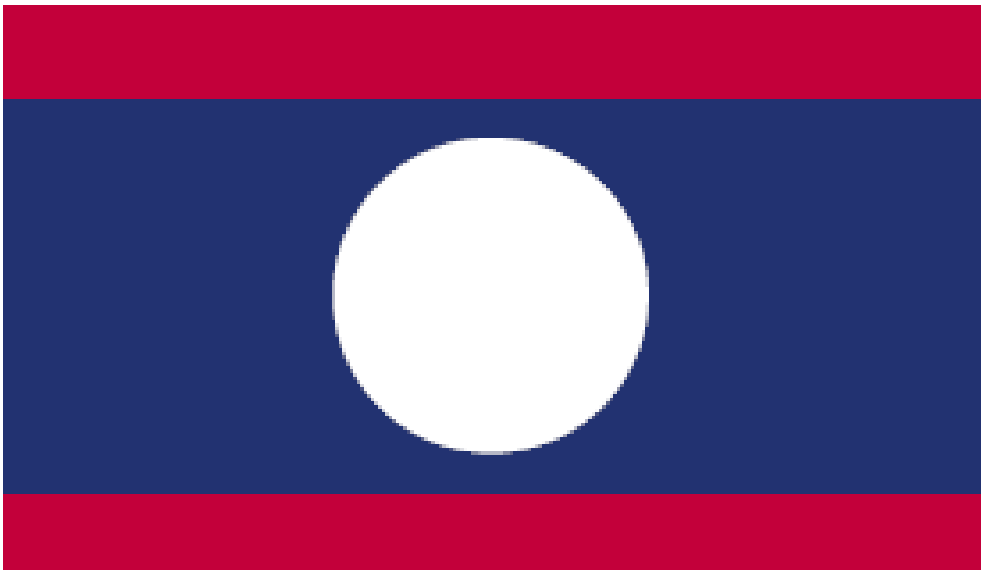
She's been actively promoting and advocating Bekantan conservation through various forums and universities during 2019 in Australia, namely University of New Castle, The 9th Mined Land Rehabilitation Forum, TropicalForest Rehabilitation Workshop, and Business Forumon Wildlife Ecoutourism in Estonia and Finland in 2019.

In addition to her contributions towards environmental protection, Ms. Amalia has also been involved in several initiatives related to conservation of forest ecology, namely, initiating the inception of Proboscis Monkeys' Day which was then declared together with elements of Government, University and Various Communities in South Kalimantan in March 2015; contributing to activities in handling wildlife conflicts through the incorporation of the Task Force Team for the Prevention of Conflict between humans and wildlife in South Kalimantan; developing "Bekantan Rescue Center" in 2014; building a Bekantan Research Laboratory in 2015; Initiating the bekantan Eco tour program in 2016 in order to support government programs to develop sustainable tourism development; acting as pioneer of mangrove rambai (Sonneratia caseolaris) restoration through the program "Mangrove Rambai Center"; establishing a "Conservation School" in 2016 in order to inform the public and younger generations to increase awareness and participation in conserving proboscis monkeys and; initiating the establishment of the Indonesian Bekantan Forum in April 2018.









LAO PEOPLE'S DEMOCRATIC REPUBLIC

SENIOR CATEGORY

Chansamai Rattanasuvannaphon

Lao PDR

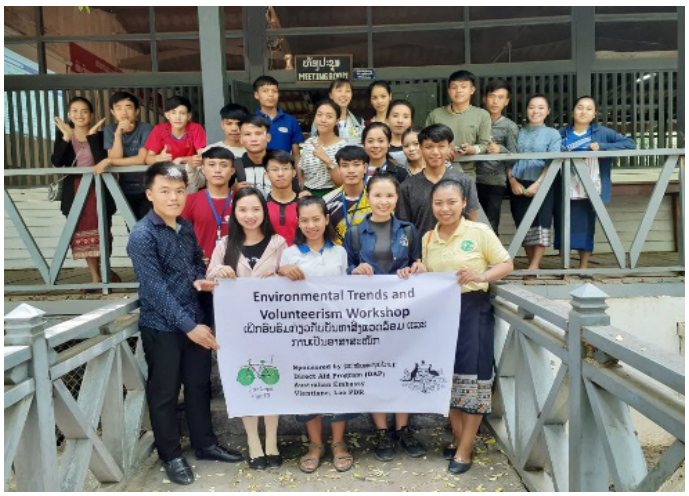


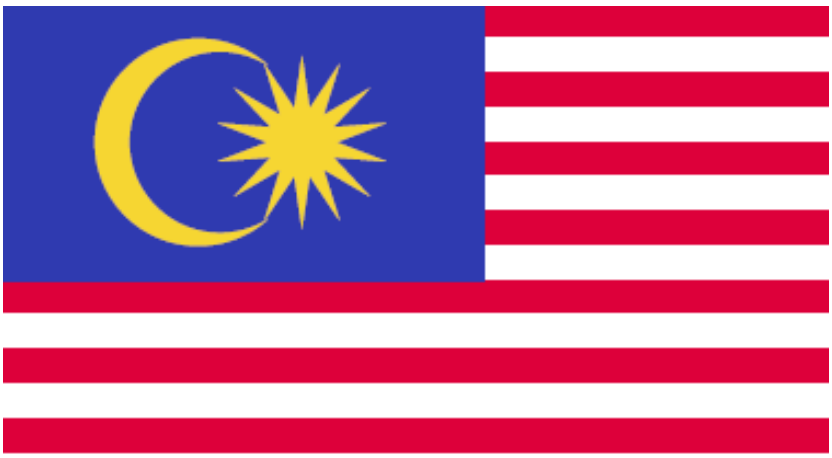
Ms. Chansamai is a Gender Technical Staff at the Sustainable Developments Association based in Luangprabang Province, Lao PDR. She joined the aforesaid organisation in June 2019 to helps rural vulnerable communities to strive for their education and other basid needs. Previously, Ms. Chansamai joined Save the Children International Lao PDR as Protection Project Officer on Gender Base Violence and was responsible to facilitate the Life Skill and Gender-based Violence Curriculum training for Mentors and Community facilitators in 11 villages in two district Nambak and Ngoi. Aside from her contribution in the area of gender and women empowerment, Ms. Chansamai also has a strong urge to promote environmental protection and environmental education. From 2016 to 2017, Ms. Chansamai had been involved in the implementation of the Green School Project in helping children to learn on how to do waste segregation. The children were also demonstrated and taught on how to make compost and school gardens. Ms. Chansamai was one of the Green School Project Founder team.

dens. Ms. Chansamai was one of the Green School Project Founder team. Ms. Chansamai is a dynamic young woman with a passion for protecting the environment. She has supported students in local schools with various environmental initiatives. She has been a leader in the local team and a key figure of the Trash Idol Project. The Trash Idol Project is a group of volunteers, established in 2014 with support from the Urban Development and Administration Authority, aims to arrange various activities related to waste management and other environmental initiatives. The Project arranges a regular monthly cleaning activity in Luang Prabang, Lao PDR, including on special occasions such as during the Lao New Year, Boat Racing festival, Earth Day etc. Ms Chainsamai wishes that the programme would raise the awareness of local communities on existing environmental issues in order to change their behaviours towards sustainability.









MALAYSIA

JUNIOR CATEGORY

Beh Zeng Kang

Malaysia



Mr. Beh Zeng Kang is an individual who has been showcasing his passion towards the environmental cleanliness and proactively seeking for solution of environmental problems through his courageous acts. He is well known for making changes and inspiring a group of young and energetic volunteers among his community.

Despite facing severe difficulties or challenges, his interest and love in saving the Mother Earth has gained various support from many parties for his efforts. He has managed to expand the movement of Trash Hero to four chapters under his leadership in dual states, Perak and Kedah. The Trash Hero is a community-led volunteer movement focusing on cleaning plastic bottles to clean and prevent waste. The programme is focusing on solutions and aims to inspire behavioural changes of communities into a more sustainable future. Mr Beh and his volunteers have collected over 1700 kilograms of trashes from the land and water under the Trash Hero project. He also has proposed to the state government, university management and town council of his hometown to ban and stop the consumption of single used plastics and suggested for the use of alternative solutions, such as biodegradable materials, to avoid global plastic pollution. Beside his active engagement with the Trash Hero, he is also focusing and developing the Eco-bricking community. The Eco-bricking community is a part of efforts to promote awareness on the temporary solution on plastic waste reduction.

The Ecobrick Project aims to produce Eco-bricks (plastic bottles packed into plastics to a set density to create a reusable building block) that could be used to make modular furniture, garden spaces and full-scale buildings such as schools and houses. Ecobricks are a collaboration-powered technology that provides zero-cost solid waste solution for individuals. Throughout the years, Mr. Beh has conducted more than 20 Ecobricks workshops for mostly school children as a part of education programme. At the time being, he has produced more than 2,637 Ecobricks together with the volunteers or school children. Mr. Beh has set a goal to achieve the Malaysia book of record to build a sustainable eco fountain in alignment with the United Nation Sustainability Goals (UNSDGs), as he believes that this is a part of the effort and solution in reducing carbon emission and also clearing plastic waste into the disposal landfill. Moreover, Mr. Beh has been awarded with numerous achievements for his effort in conserving the environment, including, the Grand Prior of the Order of St. John; the Duke of Edinburgh International Award; Lower Perak Youth Icon and; Outstanding STPM Achiever Award.

Mr. Beh always says that a leader shall lead by example through their action. When there's will, there's a way if everyone shares a common goal and vision.









SENIOR CATEGORY

Chai Ming Lau

Malaysia

Mr. Lau has been a strong advocate for the environment, starting since his university days. He has shown tremendous initiative on environmental project specifically on climate change and marine conservation issues. His involvement and impact are evident not only in Malaysia but far reaching in the Southeast Asian region.

In the realm of marine conservation, he is not only a subject matter expert on corals, as evidenced by his Master's degree and multiple publications, but he is constantly putting academic knowledge into practice for real life issues. This is shown by his involvement with the Department of Marine Parks, Malaysia especially on developing the National Coral Bleaching Response Plan, extinction risk of reef fishes and effect of jetty orientation on marine corals study. Through his current work as a ReefCheck Programme Manager, he is the leader in the monitoring of all islands of Peninsular Malaysia, whereby the datasets generated from this annual survey has been made publicly available. The data contribute to the assessment of global reef health and impacting many domestic and international scientific and policy decisions

On the international front, his involvement in local initiatives have been recognized by organisations like the Zoological Society of London (ZSL) and Young Southeast Asian Leadership Initiative (YSEALI). In 2011, he was invited to attend the ZSL Edge Coral Reef Training Course, which he has passed with distinction. As for YSEALI, he was one of the Malaysian young professionals chosen to take part in YSEALI Professional Fellowship Programme, spending 2 months in the United States. From there, he has been a mentor in the YSEALI Oceans Workshop (2016) and won the YSEALI Seeds of the Future Grant (2018) by co-founding Reef Stakes - the first marine themed role playing card game in the Southeast Asian region. Aside from this, he has also been invited by Save Philippine Seas (SPS) as a guest trainer during their Sea and Earth Advocates (SEA) Camp.

On climate change front, he is actively involved in PowerShift Malaysia, the only youth-led climate change NGO in Malaysia. He has helped to organise the inaugural meeting and presented on the topic of climatechange effects on the environment in subsequent meetings.In addition to numerous publications on the topic of marine and coastal issues,

Mr. Lau has also been granted with various awards in the scope of youth and environment, including the Young South East Asian Leadership Initiative (YSEALI) Seeds for Future Grant Recipient in 2018; Student Award to the 3rd Asia-Pacific Coral Reef Symposium (APCRS) in 2014; and Best Poster Award in South China Sea International Conference, which evince his excellence in his field.









MYANMAR

JUNIOR CATEGORY

Zwe Yin Phyu

Myanmar



Ms. Zwe is passionate about plastic pollution awareness. She has realised that one of the biggest environmental challenges can be addressed through education and awareness of communities. Her goal is to touch as many people as possible and inspire them to reduce their plastic footprint. She felt everyone should do all they could to reduce pollution by actively campaigning and bringing awareness on environmental challenges for future generations. Ms. Zwe is an active and hard-working youth, not only in environmental activities but also in her academic studies. Ms. Zwe Yin Phyu's passion and enthusiasm in environment has been established after her high school since she joined American Center iNature Environmental Club. She started joining the club as a volunteer in 2014 for 6 months and she was selected to work as an officer for two years. During her time at the club, she hosted weekly environmental workshops and organized several events on annual World Environment Day and Earth Day. Some of her highlighted works are City Clean-up activities, Recycled Arts and Crafts exhibition, environmental awareness raising events and so on.

In 2015, she attended ASEAN Power Shift (Climate Change Action) conference in Singapore. She was then selected for Conservation Asia 2016 which is a joint meeting of the Society for Conservation of Biodiversity Asia at National University of Singapore. Mr. Zwe continued her active involvement by attending the Green Woven Action 2015 (Power through Paris Workshop), which was

granted by 360.org Singapore. She was also a delegate of Young Southeast Asian Leader Initiative (YSEALI): Marine Debris Expedition 2018 in Jakarta, Indonesia, to gain deeper understanding about marine debris issues through field expedition. Ms. Zwe is also a member of Trash Hero Myanmar which conducts regular monthly rubbish clean-up activities in Myanmar.

In the field of environmental research, Ms. Zwe has accomplished her research on "The Concentration of Lead Content in Yankin Township, Yangon, Myanmar" under ALARM Environmental Science and Pollution Program 2016. She was inspired to do something active to protect the environment, live more responsibly on a local level, raise awareness for issues on a national level, and give back globally.

Ms. Zwe was named as "Planet Hero" who is passionate about putting an end to plastic pollution. Her "Planet Hero" recognition has been published in WWF-Myanmar website and her works were mentioned and published in Myanmar Times News with the title "From little things, big things grow" on 3 May 2019. Her continuous hard work and dedication in environment will lead the good outcomes for her personal achievement as well as for the country as a whole. Ms. Zwe realises that one of the most impactful things she could do as a youth was to educate others through the perspective of affected generation. She believes that we simply cannot solve any problem if we do not know what it is. She also hopes that this ASEAN Youth Eco-Champion Award would recognise the Eco Hero's ability to impact community-based environmental outcomes on a large scale.









SENIOR CATEGORY

Htet Aung Kaung

Myanmar

Mr. Htet founded the Hinthada Anti-Plastic Organization (HPO) on 2 March 2013. The organisation conducts envionmental activities every Sunday and has organised over 50 environmental activities from 2013 to 2017. Currently, Mr. Htet is handling financial management for the Green Youth Group and performing as a secretary for the Green Makers Hinthada. The latter is an organisation founded in April 2019 with the main activities of planting trees in Hinthada and surrounding regions. The Green Makers Hinthada attempts to fight increasing global warming and rising temperature by conserving the environment

Mr. Htet also has strong concern in the issue of waste management. Aiming to reduce the use of plastics and educate communities on the proper habit of garbage disposal, Mr. Htet and his team had cleared scattered trash heaps and organised Public Talks at schools and Quarters, including Door to Door Educational Talks and held Anti-plastic Sticker Campaigns. In collaboration with the relevant authorities, Mr. Htet has also developed a garbage collection system and tree planting activities during rainy season. He also express his concern over the well-being of communities during disaster period by providing a Relief and Aid Group to the disaster-stricken locations. Mr. Htet has also actively participated in the prevention of Dam failure whenever there were heavy rains in region.









THE PHILIPPINES

JUNIOR CATEGORY

Val Amiel Vestil

Philippines



Mr. Val is an active Filipino youth towards protecting the environment. Graduated with magna cum laude in mass communication, Mr. Val recognises the fundamental power of media to set the agenda of a community and to cultivate a culture of awareness for environmental sustainability. In that view, he set on to voluntarily organise a camp for young earth warriors that would eventually change the media landscape of Dumaguete City. A few months after graduating college, he participated in the YSEALI Academic Fellowship for Civic Engagement in the United States of America; he led in organizing a three-day capacity-building workshop called “Camp SEWI: Students Environmental Writing Initiative,” training 15 university writers across 5 universities in Dumaguete City with environmental journalism skills. This camp was founded on the belief that young journalists have the distinctive ability and responsibility to help further climate action through story-telling.

Most notably, Mr. Val was one of the creators of the Association of Young Environmental Journalists (AYEJ). AYEJ is now a government-registered, youth-led environmental news network working to educate and engage civil society on environmental sustainability through youth development and journalism. Because of its work, AYEJ has been acknowledged as a National Winner of the prestigious Search for Ten Accomplished Youth Organizations

Winner of the prestigious Search for Ten Accomplished Youth Organizations (TAYO) in the Philippines in 2019. AYEJ is now also a member of the United Nations Sustainable Development Solutions Network Youth and expanded its impact to the international platform through the European Development Days 2019 where Ms. Val was selected as one of the 15 young leaders from all over the world to take part in the EDD Young Leaders Programme, organized by the European Commission in Brussels, Belgium.

Some remarkable initiative of Mr. Val aside from the above-mentioned achievements is the organization of the Camp SEWI: Student's Environmental Writing Initiative, which is the first environmental journalism workshop for the youth of its kind. The intervention is completely novel since not one particular group has organized a capacity-building workshop like that at its time in 2017 which combines journalism and environmental sustainability. Environmental journalism is a rare course to come by in the Philippines and that is why it has caught media attention, and has gained momentum for its uniqueness and novelty as an environmental initiative.

Mr. Val has also been recognised for his numerous achievements in protecting the environment, including the Ten Accomplished Youth Organizations (TAYO) in the Philippines National Winner in 2019; Youth Champion for SDG 13: Climate Action in 2018; Ten Outstanding Students of the Philippines, Regional Awardee in 2017; and Samsung Engineering Prize Winner - 10th Eco-Generation International Environmental Essay Competition, organized by Tunza-Eco Generation in partnership with UN Environment Programme (UNEP) and Samsung Engineering in 2017.


nomad who cares
r the environment







SENIOR CATEGORY

Jose Isagani Janairo

Philippines

Mr. Janairo is a passionate young scientist, wherein his research agenda is anchored on the sustainable development goals. Dr. Janairo is also the head of the Biological Control Research Unit at De La Salle University, wherein its primary focus is to manage pest populations through sustainable means such as biological control agents and semiochemicals (natural compounds that can modify the behavior of insects).

Further, Mr. Janairo has made an impact in the rubber industry through the creation of a sensor that can prevent environmentally-harmful processes associated with rubber processing. A common problem in the rubber processing in Southern Philippines, specifically in Zamboanga Sibugay is the use of discarded battery acid as the coagulant, instead of formic acid, in order to cut costs. This unscrupulous practice poses health and environmental risks due to the improper use and disposal of the automobile batteries. Thus, the created sensors aid in the enforcement of policies that prohibit the use of battery acid as a coagulant since the sensors can identify if the coagulant used was battery acid.

Mr. Janairo's contribution to environment protection goes beyond research and pierces through advocacy as well. He exerts extra effort to communicate his findings with the public, as evidenced by his media interviews and numerous public speaking engagements. He also has initiated partnerships with the media and government institutions to raise into public consciousness the emerging problem of microplastics. As the Associate Publisher of the DLSU Publishing House, he has supported and enabled other environmental researchers to publish their findings as books. Some of these books include a field guide for endangered corals in the Philippines, a DNA barcoding manual for conservation research, modelling strategies for sustainable industrial systems, among others. He also voluntarily guides high school

students from public schools in their research in an effort to empower budding young scientists with the tools to take action for the environment through research.

Mr. Janairo is an outstanding scientist, as evidenced by the awards and recognition he received all throughout his career. The book he co-edited, which is about systemic pesticides, won the 2018 Outstanding Book Award from the National Academy of Science and Technology, Philippines (NAST), and was the Best Book in Science Finalist in the 2018 National Book Awards. NAST is the highest award giving-body for science and technology in the Philippines.

He was selected by the UN Environment in 2017 as one of the lead authors for the Global Environment Outlook for Youth, Asia and the Pacific. This is one of the flagship publications by the UN Environment, and his selection is a recognition of his talent and potential. In the same year, he was inducted as a member of the Task Force on Systemic Pesticides (TFSP), one of the task forces under the Commission of Ecosystem Management (CEM) of the IUCN. Membership to CEM task forces, such as TFSP is limited only to a few experts. In 2016, Dr. Janairo was awarded the 1st Prize for the Talent Search for Young Scientists by NAST, for his paper about green materials science. During the course of his PhD, he was selected as HOPE Meeting Fellow in 2012 in addition to the several recognitions he received from the Chem ical Society of Japan and the Japanese Biochemical Society. His decorated young career is a testament to the quality of his work and contributions.









SINGAPORE

JUNIOR CATEGORY

Samantha Thian

Singapore

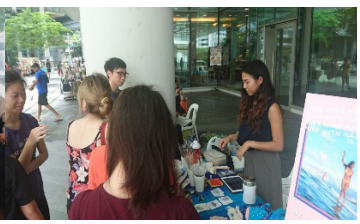


Ms. Samantha Thian is the founder of Seastainable, a social business that advocates for consumers to reduce their single use plastic waste. Seastainable channels 50% of profits towards marine conservation initiatives and has supported 33 conservation projects in South East Asia. Since 2018, over 10,000 youths in South East Asia have been impacted by Seastainable's efforts to provide Sustainability Consulting services and leadership workshops to empower them to kick-start their own innovations. Through her passion as a scuba dive master, she actively takes part in local dive clean-ups, and enjoys teaching her students the importance of environmentally friendly diving habits for the protection of coral reefs. She also engages youth and the public on environmental issues through various outreach activities where she has served as speaker, facilitator and panellist.

At Unilever where Ms. Thian works, she has been supporting the switch from virgin to recycled plastics among other environmental procurement efforts.









SENIOR CATEGORY

Toh Tai Chong

Singapore

Dr. Toh Tai Chong is a lecturer at the National University of Singapore where he teaches environmental conservation and sustainability. He is the co-founder of Our Singapore Reefs (OSR), a community initiative to raise awareness of the impacts of marine debris. He leads a team of four volunteers to support this initiative, while juggling their full time jobs. Since OSR's conception the participation rate for underwater clean-up in Singapore has increased 40 times.

Dr. Toh shares his passion and knowledge with the youth to ignite environmental stewardship through various research projects, internships and outreach activities. In the past year, OSR's public education has reached out to more than 3,000 people.

Dr. Toh has also developed an innovative community-to-community framework to foster strategic partnerships with different businesses in order to overcome resource constraints and create a greater socio-environmental impact. The synergies created among the stakeholders not only helped to further their respective interests in conserving Singapore's habitats but also instilled a sense of shared ownership in Singapore's marine biodiversity.









THAILAND

JUNIOR CATEGORY

Putthisak Panomsarnnarin

Thailand



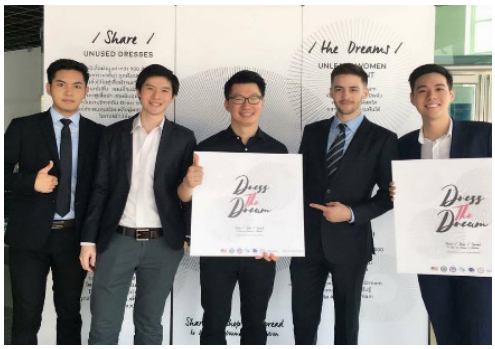
Mr. Putthisak is a senior year journalism student at the Faculty of Journalism and Mass Communication. He is strongly passionate in the issue of environment, particularly in the area of climate change and communities. In 2018, He established the Thailand Climate Co-Lab, an environmentally-concerned project aiming to harness and combat the negative threats of climate change at community level. Thailand Climate CoLab aims to mix the essence of civic engagement and environmental issue together in order to solve 3 urgent environmental problems (Water pollution, Waste Management, Green Energy) in community level in Thailand. The goal of Thailand Climate CoLab is also to harness the collective intelligence of a number of people throughout the country to address complex societal problems, starting with global climate change at local level.

By constructively engaging a broad range of students, young activists, business people, practitioners, investors, and concerned citizens, Mr. Putthisak believes that Thailand Climate CoLab can help to build and gain momentum for achieving global climate change goals that are more detailed, actionable, and effective. energy by receiving the first grant form Department of Environmental Quality Promotion Thailand. Besides, CoLab has also organised a workshop for kids in community school in order to cultivate an eco-friendly mindset at the early age.

Further, after 6 months of initiation, Thailand Climate CoLab has reached out to 3 small needy communities to solve the threat of climate change around Nonthaburi province. In these 3 projects, Thailand Climate CoLab focuses on solving water pollution, waste management, and sustainable design for saving energy by receiving the first grant form Department of Environmental Quality Promotion Thailand. Besides, CoLab has also organised a workshop for kids in community school in order to cultivate an eco-friendly mindset at the early age.

Aside from his dedication towards environmental protection, Mr. Putthisak also actively engages with various youth activities, including through his involvement in the YSEALI Academic Fellowship in Religious Pluralism, Dialogue Institute, Temple University, the United States in 2016. The program allows youth leaders from 10 ASEAN countries to study the topic in American universities for six weeks to build a strong youth empowerment in South East Asia region.









SENIOR CATEGORY

Piyanart Limlak

Thailand

Ms. Piyanart is a Teacher at the Muangkrabi School since 2019. She is also the Head of Science and Technology Department, Muangkrabi School, since 2018. Ms. Piyanart and her students have received the Mahingsasaisueb Awards from the Department of Environmental Quality Promotion of Thailand for 8 years since 2013.

In 2018, students under her advisory authority set a STEM Drone Project named the Study of Diversity, Density and Dispersal of Seaweed in Coral Reef in the Area of Ao Nam Mow Beach, Tambon Saithai, Muang District, Krabi Province by Using Drone for Surveying, Photographing and Mapping of Landscape.

Since 2014, Ms. Piyanart and her team have created a new strategy for running Eco-School Project for sustainable development called “One Classroom, One Learning Base (OCOLB)” activity which is the Problem-Based-Learning Process and the Project- Based Learning Process. Ms. Piyanart and her team led 104 teachers and 1,876 students in the lower and upper secondary education levels to learn and share by doing PBL projects which are integrated the Philosophy of King Rama IV of Thailand to complete the four pillars of Learning (learning to know, learning to do, learning to be and learning to live together) and reach 17 SDGs especially SDG 4 quality education. This learning process can change the students’ mindsets. They behave well with more self-disciplined, better learning outcomes, more responsible on their community awareness in environmental crisis.









VIET NAM

Trinh Ngoc Nhu Anh

Viet Nam



Ms. Trinh Ngoc Nhu Anh has actively participated in a diverse assortment of extracurricular activities, from "start-up" programs to science research for student. She has actively participated in several environmental projects and initiatives. She has participated in two start-up projects, one DAAD project, and two scientific research projects (as a leader), with the desire to minimize the impact to surrounding environment and to increase public awareness on environmental issues, especially for local communities. In order to work towards sustainable development, Ms. Nhu Anh always inspires her friends and encourages people to take responsibility in environmental protection and minimizing waste. In the future, she wants to be an expertise, specialized in environment and sustainable development.

Ms. Nhu Anh enjoys being involved in the international workshops. She has joined, among others, the ESSAND Graduate Fellowship Exchange Workshop at Prince of Songkla University (PSU), Thailand in 2016; Training Course "Watershed- and field-scales modeling" at the Tarleton State University, USA, in 2018; VACI International Conference 2019 on the occasion of International Water Week in Vietnam in 2018 and; the 7th Vietnam Science Summer School in Quy Nhon city, Binh Dinh province, Viet Nam, in 2019.

Several activities related to environmental protection have been performed by Ms. Nhu Anh. She is a member of the Environment Club at the Hanoi University of Mining and Geology (HUMG), whereby she is also the editor for the creative model of the Environment Club. As a leader of Environment Club, she initiated and conducted many environmental activities in HUMG including the Monthly Campus Clean-up, the HUMG Recycling Competition, the HUMG Environmental Week and the HUMG Recycling Project. Ms. Nhu Anh plans to further extend the direction of the club to touch on the area of nature and biodiversity conservation. Moreover, she is also the leader of the Green Cycle, Applying New Materials from Coffee Residues Project which aims to, among others, contribute to improving the water environment by using biochar, which contains the main raw material C, ashes from coffee hulls and pulps, and would adsorb and purify water.

Ms. Nhu Anh has been recognized with certain honours and awards, including the outstanding achievements in association work and youth movement in the school year of 2015-2016, 2016-2017 and 2017-2018; the second prize winner in the contest of HUMG Student Entrepreneurship Creation Ideas 2018; the title of 5 Good Student at the school year of 2017-2018 of Hanoi City Student Association and Hanoi University of Mining and Geology; and students with outstanding scientific research achievements in 2018-2019.









SENIOR CATEGORY

Nguyen Hoang Thao

Viet Nam

Protecting the environment has always been a cause close to the heart of Ms. Nguyen Hoang Thao as she has participated in many environment protection movement and activities throughout the years. Yet, the lack of awareness and discussion on the issues of plastic waste in Viet Nam have moved Ms. Hoang Thao to take the initiative to start a movement on her own. In 2016, Ms. Hoang Thao founded the Facebook Page called Noi Khong Voi Tui Nylon (Say No to Plastic Bags) with the aim to raise awareness and start a discussion on the issues of plastic-waste; and it was the first platform specifically addressing the issues related to plastic waste in Vietnam. After 3-years-work and creating contents to raise awareness and discussion on environmental issues; organising DIY (Do It Youself) workshops on recycling materials including plastic; promoting the plastic issue within the circle of Viet Nam's environmental activist; and giving talks in conferences and seminars, Noi Khong Voi Tui Nylon have grown organically into a community of almost 85.000 members, and become the trustworthy and inspiring platform for exchanging views and source of knowledge for many more.

Further, in 2018, Ms. Hoang Thao established Go Eco Hanoi, the first zero-waste store in Hanoi to help the consumers find everything that they need fo r their everyday life and support eco-friendly local manufacturers. The criteria and requirements used for stocking products are that they should be local, seasonal and must be biodegradable and/or package-less to help the customers to cut down on waste. The store itself, of course, is zero-waste. All the profits from the store are used to: (i) buy books for their Mini Environmental Library located in the store itself; (ii) buy materials for free workshops to teach people how to DIY their own beeswax wraps, string bags, etc.; (iii) support local up-cycling artists and help them sell their end-products; (iv) collect e-waste and batteries from the community and send them to the manufacturers for recycling; and (v) donate to local tree-planting projects.

In the long term, Ms. Hoang Thao would like to continue to work on protecting the environment in addition to her duties as a university lecturer. In the foreseeable future, she would also like to spread and share the successes of her environmental works on the issues of plastic and wastes in modern Vietnamese society, possibly through foundina social enterprise as to maximize the effectiveness of the work in sustainable ways.







ABOUT THE ASEAN ECO-SCHOOLS AWARD PROGRAMME

The ASEAN Eco-Schools Award is an ASEAN initaitive to recognise exemplary efforts of eco-schools in ASEAN Member States (AMS) in inculcating environmental awareness in every aspect of education to their students and surrounding communities.

Following the inaugural and second ASEAN Eco-schools Award Ceremony held in 2012 in Kuala Lumpur, Malaysia and in 2015 in Nay Pyi Taw, Myanmar respectively, this 3rd ASEAN Eco-schools Award Ceremony was held on 8 October 2019 in Siem Reap, Cambodia, as part of the ASEAN Environment Day (AED) 2019 at the sideline of the 15th ASEAN Ministerial Meeting on Environment (AMME). The prestigious Award is conferred to two schools in the category of Primary and Secondary Schools from each AMS, which was selected based on the ASEAN Guidelines on Eco-Schools which was adopted at the 13th Informal Ministerial Meeting on Environment (IAMME) on 18 October 2011 in Phnom Penh, Cambodia.

The ASEAN Eco-Schools Award Programme supports the implementation of the ASEAN Working Group on Environmental Education (AWGEE) Action Plan under the ASEAN Socio-Cultural Community Blueprint 2016-2025.

This 3rd ASEAN Eco-schools Award Ceremony is co-supported by the Government of Japan through Japan-ASEAN Integration Fund and Hanns Seidel Foundation.

ABOUT THE ASEAN ECO-SCHOOLS AWARD TROPHY

Tokens of appreciation in the form of trophies are presented to the schools as recognition for their exemplary efforts in promoting environmental education in schools and surrounding communities.

The ASEAN Eco-Schools Award trophy is made of transparent acrylic with engraved tree branches. The design reflects the important role of environmental education (EE) and education for sustainable development (ESD) towards a Clean and Green ASEAN community.



RECIPIENTS OF THE 3rd ASEAN ECO-SCHOOLS AWARD 2019



BRUNEI DARUSSALAM

PRIMARY SCHOOL
Sekolah Rendah Muda Hashim Tutong

BRUNEI DARUSSALAM

Introduction

Sekolah Rendah Muda Hashim Tutong started to conduct activities as part of the school's initiatives to raise awareness among the pupils towards green environment, unofficially in 2017. The Art Teacher assigned pupils to create arts and crafts materials from used materials such as plastic bottles and boxes. The products were used to decorate the stage that was used during school's functions, i.e. Excellent Students' Awards.







Initially, the school conducted cleaning campaigns throughout the year involving pupils, teachers and staff only. Then, in 2018, parents were involved in the cleaning campaigns to promote green andhealthy environment beyond the school community.

Last year, in 2018, the school decided to celebrate Earth Day and the main focus was on the concept of 3Rs (Reduce, Reuse, Recycle) and green environment. They designed and created costumes using used materials to educate the school community on the concept of Reuse. They provided dustbins to separate plastics, metals and papers to Recycle.





The School started the project on mini garden to promote green environment by planting vegetables, herbs and flowers. In 2018, the Garden was officially named “Eco Garden” and more plants were added since then. The highlight of the project is self-watering of the plants using plastic bottles that were inserted in the soil near each plant for water conservation. It helps to reduce and reuse plastic bottles. Science teachers used the garden to teach relevant content of their lessons too.

The school set up the ECO CORNER, to display students’ artwork made from recyclable materials. The ECO CORNER allowed studentsto becreative and at the same time supported the 3Rs concepts.

Rationale

To raise green environment awareness among the pupils and the school community by creating a green school environment.

Objectives

The School’s eco projects provide pupils, teachers and communitywith environmental education opportunities that help to increase pupils’ awareness in green environment.

Implementation

A working committee was formed in order for this project to work well. It involved teachers and the school staff. Pupils were also actively involved in this project. Every Saturday, members of the Environmental Club, spend 30 minutes during the co-curriculum period to take care of our ECO GARDEN. The pupils have the chance to learn gardening work such as, planting, weeding, and fertilizing the plants. Every morning, pupils help to water the plants to cultivate their sense of responsibility and interest in the environment. Parents provided soils, plants and wood to make beddings for the plants.

Conclusion

It is expected that the school's eco projects will spark pupils' interest and broadened their knowledge towards green, clean and healthy environment for the nation.

SECONDARY SCHOOL

Sekolah Menengah Sayyidina Abu Bakar

BRUNEI DARUSSALAM

Sekolah Menengah Sayyidina Abu Bakar aspires to be a role model to other schools. This has been clearly stated in the school motto “Ready to Lead’. One particular area that the school has always been passionate about is the environment. This is reflected in the green projects which aim towards raising awareness and educating the students on environmental issues. This is done by integrating environmental aspects into the curriculum such as in Life Skills subject as well as a whole school approaches such as the Recycling Project.

The Green School Garden Project which has started in 2016 has diversified objectives from educating the impacts of agriculture to the environment to promoting healthy eating habits. Students are taught to be self-sufficient in food production by using modern Agricultural techniques such as hydroponic farming and drip irrigation farming where they learn how to grow crops without using much water and no pesticides that will surely help in preserving the environment. Students are also taught basic Entrepreneurial knowledge and Communication skills throughout the process. The ‘Agripreneur Day’ has since become a yearly event to highlight and celebrate the outcome of the project.



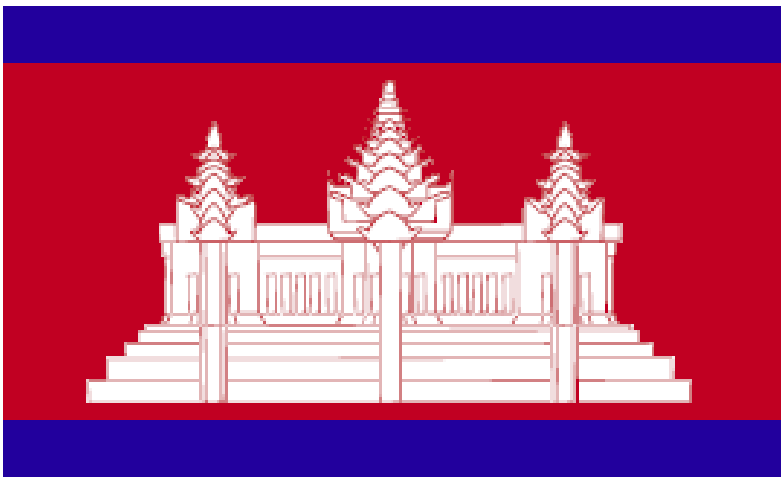


For the Edible Cutlery Project, the main objective is to teach students about pollution and global warming which help them understand that they can personally play their role in reducing plastic waste for a healthier environment. Students learn about alternative resources that are safer to the environment. The edible cutleries are made from organic ingredients such as flour and water which are then turned into dough and then moulded to become spoons, forks and straws that can actually be used for eating and drinking. These edible cutleries can decompose in 4 hours under water and safe to be eaten by any organisms such as fishes. The whole school approach of recycling project has started way back in 2008. The objective is to reduce paper wastage in school. Paper scraps, cardboards, used projects and other paper materials are collected and then sent to the recycling plant. The school collaborates with Daikyo Environment Recycling Sdn Bhd that buys the collected paper waste and then transports it to the recycling plant.



Apart from these three major projects, the school had also organised many one-off projects such a Haute Couture Fashion Show using only recyclable materials to design Muslim attires which was a joint-venture project with The Management Science University students get to create their own hats using recyclable materials. So it is like killing two birds with one stone where not only we get to inculcate environmental awareness, we also promote students' creativity. The results were very impressive and we were able to see the creative side of our students that we have never seen before.

Moving forward, the school would like to sustain the projects that are currently ongoing and hopefully we will be able to prepare our students to be good citizens who care for the environment as well as to reach out further to the wider community as long-term partners in this effort.



CAMBODIA

PRIMARY SCHOOL

Svay Chrum Primary School

CAMBODIA







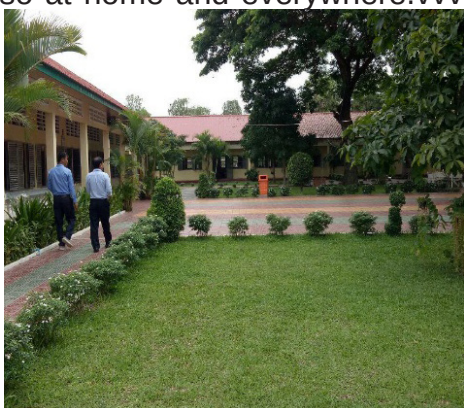
Svay Chrum Primary School is a public school which was built in 1953 and reestablished in 1979 after it collapsed during the Khmer Rouge regime between 1975 and 1979. After the dark regime ended, the school had used a warehouse as classrooms for children to study Khmer literature and other subjects, and gradually gained support from parents and community. Today the school has two main levels: Kindergarten and Primary School levels, with total students of approximately 948, 461 of which are female students. The school covers an area of 12,715 square meters, and is situated in Svay Chrum Village, Svay Chrum Commune, Svay Chrum District, Svay Rieng Province, the Kingdom of Cambodia, about 112 Km from Phnom Penh Capital City.

After gaining success in education system, where the school vision is focusing on quality, morality and talent, the school also taught the students to promote good behavior to the environment where skills related to social life, reality, and social responsibility are being developed. Furthermore, teachers are also improving their capability and skills in order to effectively teach the students by using student-centered approach.

Beside the areas of study, the school pays more attention on environmental conservation, where waste management is the primary agenda for students to practice. In this regard, the school has set up a goal that every student must have good behavior for social responsibility through seven following stages in teaching, learning, and practicing since 2015. The stages are as follows:

1. **Stage 1: Waste disposal practices.** In this stage, the students are taught to know how to dispose their wastes in rubbish bins. Students learn to place their waste into the rubbish bins and not littering outside or within the school premises; otherwise, there will be a punishment imposed for violating the instruction. All students in the school are required to obey this rule, and from day to day their behaviors toward the waste management have changed. They always throw garbage into the bins, not only in the school, but also at home and everywhere.vvv





2. **Stage 2: Waste separation practices.** In this stage, the students are taught to know how to separate wastes (recycle/recoverable and non-recycle wastes). The students learn about the added value of their wastes, and which waste can be reused, recycled or recovered. The school provid different types of waste receiving facilities, for exampl for reccling plastic/metal waste, food waste, and non- recycling

3. waste. The recycle-able waste can be sold to provide financial suport for disadvantaged students to purchase studying materials. Food waste is used for composting and fertilizing school garden and trees.

4. **Stage 3: Waste responsibility practices.** In this stage, the students are taught about the 3R principles and how to reduce and manage their wastes, not only within the school premises but also outside the school. The purpose of this stage is to reflect students on how they can help the environment. If they reduce the waste, the school could lower its budget for waste disposal, and reallocate the budget to support school's facilities such as health care service, computer lab, learning materials, and social support for disadvantaged students. Further impact of this social responsibility is where students' activities contributed to keep the city and their community as clean, green, and comfortable living environment. Nowadays, the whole school is implementing this stage.

5. **Stage 4: Compost Pile.** In this stage, the students are taught on how to make and manage the compost in school and also at home. In this stage, students learn how to enrich the soil quality, retain moisture and suppress plant diseases and pests. Moreover, using compost fertilizercould replace chemical fertilizers and it also helps in increas-ingthe production of beneficial bacteria and fungi that break down organic things to become humus, a rich nutrient-filled material, which could save school's budget by planting more organic vegetables.

6. **Stage 5: Vegetable Gardens.** In this stage, the students are taught to grow their local vegetables and herbs with the least use of pesti-cides. Growing your own vegetables benefits not only will help them to save money, but this activity can also lead to provide the students with new skills and knowledge; encourage their interest in cooking and different tastes of food. The most important thing is that the veg-etable gardens can foster a great sense of community through parent to parent connections, teacher to student and/or student to student.

6. **Stage 6: Fish Pond.** In this stage, the students are taught fish farming for food. Through this activity, the students learn how it can help them to save budget for their expenses to buy fish at the market.

7. **Stage 7: Planting more trees.** In this stage, the students are taught on how to grow trees in the school yard, especially the endangered species of trees. In this stage, students learn and were demonstrated on some valuable plants which are highly damaged, and almost extinct. The purpose of this stage is to draw students' attention on the nature and environment and particularly to get their clear understanding on the great benefits of reforestation for the future generation.

In conclusion, the school principal, teachers, and students acknowledge the value of environmental education that helps every student to achieve five main objectives: environmental awareness, knowledge, skills, attitude, and participation. With these objectives, the school is trying very hard and facing various challenges. Nevertheless, the school has been recognized as a school with the outstanding clean, green, and beautiful learning environment and the school principal was also recognized as the best school principal in Cambodia.

SECONDARY SCHOOL

Hun Sen Oddar Meanchey High School

CAMBODIA

Hun Sen Oddar Meanchey High School is a public school whichwas established first with the name Oddar Meanchey High School, located in Samrong Secondary School in 2000.

In 2004-2005, the provincial authorities and the Department of Education, Youth and Sport, and Oddar Meanchey decided to choose a new location in Borey Rathabal Village, Samrong Commune, Samrong District, Oudor Mean Chey Province. The first two buildings (Building A and B) consist of 10 rooms, a precious gift of Samdech Hun Sen, the Prime Minister of the Government of Cambodia, and has been renamed to Hun Sen Oddar Meanchey high school. The School has an area of 20,000 square meters with a total of 1224 students, of which 668 are female students. This high school is located in Samraong town, Otdar Meanchey province, Kingdom of Cambodia, about 469 km away from Phnom Penh Capital City.





After gaining success in education system, where the school's vision is focusing on quality, morality, and talents, the school has taught students about good behaviors to the environment, taking knowledge and skills to apply in a responsible daily life.

The school has a mission to lead, manage, research, innovate and mobilize resources and communities to ensure inclusive and equitable quality education and promote lifelong learning. In addition, teachers are also improving and enhancing their skills for effective teaching by using student-centered approaches and inquiry-Based Learning. The school has set up a goal that every student must have good behavior for social responsibility.

In addition to the main subject areas that have been set up by the Ministry of Education, the school also focuses on the environment with the following two main agendas: waste management and greening of school for students to practice. In order to achieve these two agendas, the school has identified the following actions:

Waste Management:

Rubbish Disposal: the students are taught to throw garbage in the trash bin, creating trash bins in the courtyard and in front of each class. The students learn to place their waste into the rubbish bins; there will be a punishment imposed for violating the instruction. All students in the school are required to obey this rule, and from day to day their behavior toward the waste have been changed. They always throw waste into the rubbish bin not only at school, but also at home and everywhere.
Garbage Separation: the students learn on how to separate recyclable and non-recyclable wastes. In this stage, students learn about the added value of some of their waste which can become a source of income through recycling. For example, plastic bottles, cans or other metals can be sold to provide financial support to purchase study materials for the poor students.

Reducing waste: The students are taught to reduce and minimize their waste as much as possible. They reduce the waste and move the trash bin to the backside of the building for aesthetic purpose and increase the student's responsibility. This activity contributes to make the city and their community as clean, beautiful and green living environment. Nowadays, the whole school is implementing this step.
Greening in school: this is to help the students' learning process to be more efficient, while bringing in fresh air and attracting students to come school. In order to achieve this goal, the school has carried out thefollowing three main activities:

1. **Gardening:** In front of the school, green grass gardens are a delightful garden. And in front of the school building and along the side of the road to the building, there are various garden ornaments. These ornaments attract students to school and help to ease the stress of learning
2. **Tree Planting:** Behind each school building, there are various luxuriant trees to provide shades, to reduce the heat, to bring about a fresh air and environment, and also to prevent soil erosion. The school also has some fruit trees, such as coconut, mango, etc., which provide regular seasonal crops for consumption of the teachers and
3. **Biodiversity Park:** The school has a botanical garden where it provides a variety of planting techniques using natural methods that do not use chemical fertilizers as a link to daily living in the community.





As the concluding remarks, principals, lecturers and students have recognized the value of environmental awareness in order to achieve the major objectives of environmental awareness, knowledge, skills, attitudes and participation. With these objectives, the school has worked hard to overcome the challenges, and the school has received support and recognition from the community, the authorities, land and development partners. The School was awarded as the No. 2 National Clean School from the Ministry of Education, Youth and Sports.





INDONESIA

PRIMARY SCHOOL

Sekolah Menengah Pertama Negeri 10 Malang

INDONESIA

Climate change, clean water crisis, illegal deforestation, endangered species, non-renewable energy, and air pollution are a threat for our earth ecosystem stability. Those problems are caused by excessive and inefficient human activity on natural resources usage. As a part of earth community, SMPN 10 Malang does some efforts applied in the school surroundings to minimize all those problems.

Through its vision, "excellent in faith and faithfulness, accomplishing achievements, and having healthy environment cultures", SMPN 10 Malang has been conducting environmental friendly actions with the involvement of student parents' community, governmental institution, business sectors, and alumni. It makes the school have the best experience to develop a sustainable and healthy school environment.

Laying on a spacious suburban land of 22,700 m2, the school has a good opportunity to do environmental conservation-related projects integrated with the teaching and learning process involving all the school members, especially students in the activities. Once you step your foot at SMPN 10 Malang, you can feel the freshness of the air. We have spacious green area which occupies around 70% of the total school area, including approximately 659 trees and plants, even some endangered species plants.

The main purpose of the green area is as an oxygen producer. We also use the green area as our natural laboratory where the students could learn about biodiversity and conduct experiments of breeding and labeling the plants.



Having a large area and considerable number of students make the school, inevitably, need a large amount of water. This need is fulfilled by making use of the river water behind the school with some treatments as the way to reduce the water consumption bill. Furthermore, high commitment to save the fresh water for the next generation is accomplished by making absorbent wells, holes, reservoirs, and bio pores as well.

We use environmentally safe technology 4Rs (Reuse, Reduce, Recycle and Repair) to manage waste. The students learn composting, producing methane, and bio gas. We also build compost bunker,organic wastedeposit place, and an organic waste bank.



Energy saving has also become the school's concern as well. The school had installed transparent roofs, sufficient ventilations, and bottle lamps made by the students. These facilities are to support energy saving and to save budget for electricity by using sunlight as a main source of lighting so we can save energy and budget for electricity.

The school has a motto "we are what we eat". Spacious comfortable school canteens provide healthy food that is free from "5Ps" (food additives) and 'KMP' (paper, oil, plastic) and promotes 'GGMI" (Fish Consumption Movement) program. The GGMI's objective is to habituate the students of fish consumption since our extraordinary seas and coastal areas provide healthy fishery resources. The said activities are SMPN 10 Malang's effort to create a sustainable and healthy school environment. Thus, it makes SMPN 10 Malang a good example of an eco-school.



SECONDARY SCHOOL

Sekolah Menengah Kejuruan Negeri 1 Adiwerna Tegal

INDONESIA

The effect of global warming is getting worse; nature does not seem like to be on our side this time. Extreme climate, pollution, and waste are just a few examples of thousands of problems in millennial era. Adiwiyata School is a grovernment's programme and one of the solutions that the government provides to prevent the global warming effects. The goal of 'Adiwiyata' is to create individuals that have its own responsibilities in developing good environments not only in school, but everywhere.



Through 'Adiwiyata' programme, students learn how to take care of their surroundings and manage the area to stay clean, lovey and fresh, and students are getting used to it. SMKN 1 Adiwerna has 2000 students that has applied good environment programme by planting trees and promote clean and healthy learning space. The School believes that these activities will help to reduce the effect of global warming and might be able to save the world from global warming.

SMKN 1 Adiwerna located in Tegal, Central Java, Indonesia has been committed to managing the environment since 2012. SMKN 1 Adiwerna lies in a district of Tegal, with the whole area of 47.500 m², where by 30% of the school compound is dedicated as green open space.

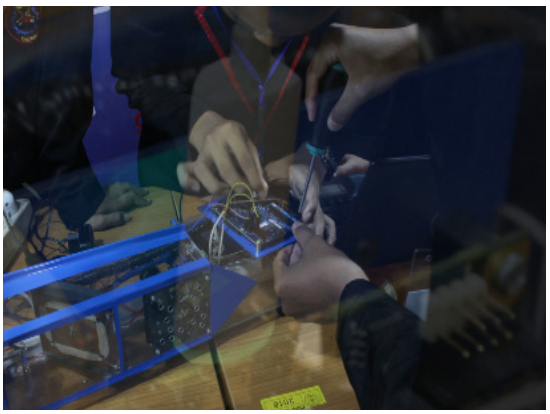
SMKN 1 Adiwerna has budgeted for 23% of the total school's annual budget for the maintenance and care to support the adiwiyata programme. The efforts to manage the environment are also applied to the other 22 schools that participated. The activities are not just focused on watering, planting, etc, but also workshops, development of the foster school so they can achieve school of adiwiyata award.

In 2013, SMKN 1 Adiwerna has been awarded as the Adiwiyata School of Tegal District, Adiwiyata School of Central Java Province and National Adiwiyata School; on 1 March 2015 as a school of research and tech nology; and on 22 July 2016 as the National Adiwiyata School from the President of the Republic of Indonesia, Mr. Joko Widodo.

On the research and technology activity, in cooperation with the Department of Education and GIZ SED-TVET, the school has developed Air Quality Monitoring system (Aqumos) and a system that is able to detect fire in the wood (Si Pendekar Hutan). The product is the school's main innovation that is inspired by the Industrial Revolution 4.0 and the technology of Internet of Things (IoT).

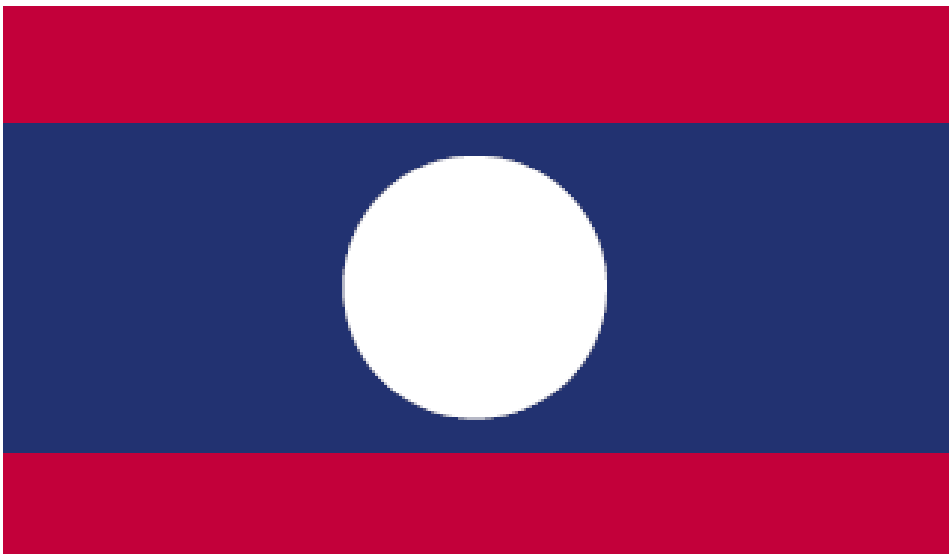
Through dedication and research the school has been done, SMKN 1 Adiwerna is ready to be the school ambassador of environment of Indonesia and would like to be a part of 'Go ASEAN'.











LAO PEOPLE'S DEMOCRATIC REPUBLIC

PRIMARY SCHOOL

Sanaphon Primary School

LAO PDR

Sanaphon Primary School was established on 1 September 2007 in Sikhottabong District, Vientiane Capital. The school has a total area of 7,499 square meters, with four buildings, and classes ranging from kindergarten to second ary school, with a total of 22 teachers, 17 women, and the primary school has a total of 472 students, 240 of them girls. The teaching-learning system is of good quality based on the curriculum of the Ministry of Education and Sports.



In the beginning of each school year, teachers are provided with equipment for all teacher-training activities. As for extracurricular activities,

schoolyard is provided for students to do sepak takor, football, basketball, badminton and so on. Student activities before class in the morning include cleaning, physical exercise, chanting a prayer and meditation, traditional dance groups, and speaking English. The Youth's organization of the school has extra activities of social work such as donation of sports equipment, supplies and learning materials to disadvantaged schools e.g. at PakNgum District.

Sanaphon School has a number of environmental activities such as plantation of fruit trees, shade trees and ornamental flowers. The school has a garden where students can grow vegetables and ornamental plants. The school also guides students to learn how to take care of, clean and fertilize so they can use it at home.

For the environment program, the school has a Youth Volunteer Environment Unit to provide the environmental activities in the school which guides and educates other students on environmental issues and cleanliness in the school. The students also collect and separate garbage for Recycle and Reuse. In addition to reducing waste in the school, the school has a program which encourages students to bring water bottles from home to school so that plastic waste could be reduced. Additionally, the school has a regular environmental education programme for students, especially on Monday morning and Friday afternoon. The school also educates students about the environment during the course of physical exercises.









The school monthly organizes a science and environment competition. In cooperation with other countries, the school has long been implementing cultural exchange programmes with Chinese students, and the internal cooperation has welcomed teachers from Pakse City to share their learning and teaching experiences. Results and awards of the school have been throughout the 11 years, like the award of school without drug in 2011-2012, The Green Clean Quality School Award of the Department of Education and Sports Capital school year 2013-2014, 1st ranking student of 3 consecutive years, 2nd ranking student in the school year 2016-2017, for the best students of the school, they will participate the education exchange at foreign countries such as Singapore, Malaysia and China to create incentives for students.

The achievements are due to the good cooperation and solidarity of the teachers and the guidance of all levels of government organizations. The school plans to improve its teaching strategy by integrating IT and creating a physical ed ucation environment for the primary school students to keep them healthy.

SECONDARY SCHOOL

Sinxay Secondary School

LAO PDR

Sinxay is a private school located in Chanthabuly District, Vientiane Capital which is consisted of primary, secondary and high schools. It was established in 1991. It is 28 years old now. There are total 1,346 students (726 females), 33 classes room and 64 teachers.





Sinxay school has outstanding impacts in different perceptions. Having been awarded of a Clean, Green and Quality School, it is the first year that the Sinxay has received a recognized Green winner flag provided by the Ministry of Education and Sports. Moreover, it is also awarded the winner Metal level 2 of the best teaching-learning school for the past 25 years by President of Lao PDR, awarded the 3rd level labor Metal twice considered by being free drug school for many academic years and considered by the results of youth's program implementation. Many teachers in Sinxay school were awarded an appreciation certificate and 3rd level labor Metal. Besides, Sinxay also received many recognition awards on good students' competition.

Every year the school has produced many good students at national level. For example: there were 9 students from 5th year of primary school and 3rd year of secondary school won the 1st and 2nd national good students competition awarded. And 9 students from 3rd year of secondary school got all subjects examination grade 9 out of 10 (grade ranges minimum to maximum 1-10) and 1 student from 5th year of primary school got a red honor certificate. 9 students from 5th year of primary school did get all subjects examination grade 9 out of 10. Every examination academic is achieved 100% because there are no students reseat and Sinxay is a leading school.

Together with learning – teaching, Sinxay school has applied 5 key princi ples focus on sports and arts. Every year Sinxay school has participated in District arts and sports competition and usually wins the 1st and 2nd place. Moreover, the school has a garden where it can be used as a practice for planting vegetables, ornamental trees, and medicinal plants. The school also teaches students on how to produce Effective Microorganisms (EM) by using waste vegetables mixed with soil and brown sugar liquids as natural insecticide and to eliminate toilet and drainage odors. The school also teaches students on how to cook. These are the skills that are very important in their daily lives.





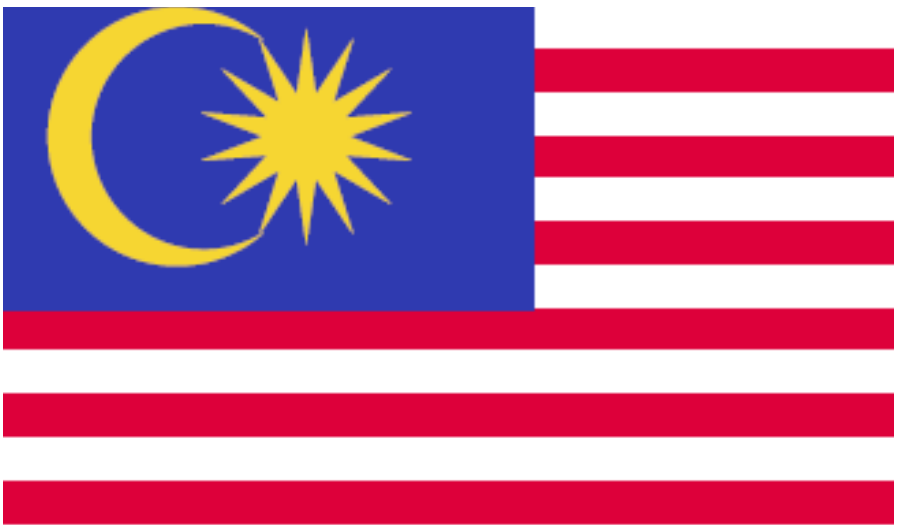




The school has been working to educate students on waste management, educate them to dispose their waste in the right points and teach them to separate waste that can be reused, what can be recycled into everyday life supplies, and what can be innovated as learning tools. Students are encouraged to conceptualize, design and produce. The innovated materials were submitted to capital competitions, two of which won the first place, es pecially the unique Lao tradition communal ceremony tray innovation.

On international relations, the school has implemented many activities including cultural exchanges programs among three countries, namely Lao PDR, Viet Nam and Cambodia. Moreover, the school was also supported by China in improving libraries and exchanging cultural lessons learnt.

Aside from teaching and learning, the school contributes to the society by running a campaign to ask for contribution from students and guardians of clothes or books, food and so on to donate to the victims of flooding by dam collapsed in Attapeu last year, 2018. The school also visits soldier guards and bring good wish and some necessary supplies in the importance occasion of Army day. The school donates basic learning-teaching tools, clothes and others equipment to help schools in remote provinces. The school also contributed on cleaning and collecting waste in each traditional events.



MALAYSIA

PRIMARY SCHOOL

Sekolah Jenis Kebangsaan Cina Kuala Ke-maman

MALAYSIA

Sekolah Jenis Kebangsaan [Cina] (SJKC) Kuala Kemaman, Terengganu is representing Malaysia for ASEAN Eco School of Primary Education Level. This school had participated in and been awarded the prestigious Sekolah Lestari Environment Award of 2017/ 2018 session. SJKC Kuala Kemaman is a Chinese medium school and located within the Malay fishing village. The school area is about 1.15 acres in size and occupied only by 142 students. The mission of the school is to create a clean, cheerful and environmentally-friendly school environment and maintain green surroundings that affect all SJK(C) Kuala Kemaman school community from physical, emotional, spiritual and intellectual aspects.









Various activities were planned and carried out according to the environmental concept which involved all stakeholders of the schools such as school community as a whole, parents and families, the local surrounding communities and also external or private sectors collaboration. The school with the cooperation from Parents and Teachers Associations (PTA) had won the Grand Prize of Kemaman District 3K Award conducted by Kemaman Municipal Council in 2016.

The school has set a standard of sustainable school environment in nurturing the elements of education and awareness as well as the importance of conserving the environment among all students of SJKC Kuala Kemaman as follows:
1. Implementation of environmental education activities through an integrated across-the-board approach in curriculum, co-curriculum and greening activities aimed at the SJKC Kuala Kemaman school staff to manage the environment in a balance and holistic manner.

2. Environmental Sustainability Education is also aimed of zero waste, a clean and cheerful school environment at all the times and able to create schools within the park.

3. SJKC Kuala Kemaman students recognized the importance of appreciating, loving and protecting the environment.

4. Created green-based therapeutic elements to SJKC Kuala Kemaman school students. This therapeutic element will be able to help balance the emotions especially students of SJKC Kuala Kemaman

5. Promote innovation and environmental activities that can save on resource use and use eco-friendly products.

6. Every school corner should always be clean and cheerful and showcase the environmentally friendly atmosphere.









One of main activities carried out by the school is dissemination of environmental information through posters and school's social media. Environmental messages are displayed at every corners of the school areas such as posters to keep school clean, handwashing, toilet care, area care such as slopes, drains, plants, septic tanks, flowers, herbs plants and various environmental education messages explaining the importance of taking care of the environment. There is also No Single-used Plastic Food Container Campaign which indirectly trained the children to wash their own food cutleries and containers, keep their canteen clean and not to waste food.

There are also other environmental significant activities which include weekly, monthly and yearly recognition to the cleanest class; environment school mural by students; Green Earth Project-themed garden namely Aquatics Park, Green Earth Park, Mini Zoo and Fruit Garden; environmental activities and greening projects by clubs and associations- Green Run 2016, Green Bag Program in conjunction with Children's Day 2016, giant kite "Wau" Festival, Turtle Preservation Activities 2015, Recycled Handicraft Competition 2017 and last but not least Recycling Bank activities.

In conclusion, all those programmes can provide awareness on the importance of environmental care. Subsequently, it has a great impact not only on the school community but also to the local community on the importance of maintaining the environment. It is the school's ardent hope

SECONDARY SCHOOL

Sekolah Menengah St Michael, Penampang

MALAYSIA

SM ST Michael, Penampang is representing Malaysia for Eco School of Secondary Education Level. This school had participated and was awarded the prestigious Sekolah Lestari Environment Award Session 2017/ 2018. SM ST Michael, Penampang is located approximately 15km from city centre of Kota Kinabalu and near to Moyog River. The school area is about 4.78 acres. The vision of the schools is to become well-established sustainable school by year 2020.



Various activities have been done regarding the environment and nature which involve all stakeholders of the schools such as students, teachers, school committees, school staff, surrounding community and also external collaboration. The school encourages all students to inculcate the implementation of environmental education by applying the purity of the environment and the personality through the integrated approach in managing, reforesting, curriculum and co-curricular activities in order to raise awareness and subsequently encourage the school community to live in environmentally friendly in line with the concept of sustainable development.

The strategy and action plan towards sustainable schools are through spreading of environmental messages, for example by delivering environmental information reports in or out of schools by principals or teachers on duty or environmental squads during weekly assemblies, sharing environmental messages via Facebook and the school's website and also through notice boards.





Besides that, the school also conducts environmental-themed campaigns such as Environmental Month, Earth Day, Innovation Month, Toilet and Canteen Clean Campaign, Zero Plastic Campaign, Zero Polystyrene Campaign, and Energy- efficient and Energy Saving Campaign.

There are also recognitions to the individuals or groups who are actively involves in environmental activities or environmental education implementation such as Sustainable Class, Sustainable Society, Sustainable Teacher and Medal of Honors of 'Michaelian'. The school also implement environmental-related school rules with demerit system. Students will be demerit if they are against the rules. In addition, there are complete infrastructures and facilities that help in teaching and learning process whether indoor or outdoor such as classroom decorated with recycle items, canteen equipped with food waste separation corner, clean toilets, recycling center, herb garden and also solar system.











Apart from that, another exemplary effort by this school is the usage of green product and technology. First is rain water harvesting. This project reduces water consumption by about 30%. Water collected is used to wa ter all the plants in the school compound. Next is the air conditioner harvest er (ACH) which is the collection of water from air conditioner. It is capable of collecting about 12 gallons water from 5 units air conditioner at the main office. Production of EM Mudballs is also one of the green products whereby the mudball produced is used to clean and balancing the pH of nearby trench.

SM ST. Michael, Penampang had received many international recognitions. Among them are Grand Prize of Youth Environment Summit (YES) 2015, Gold Medal of International Young Inventors Award, (AIYIA 2016), Grand Award of 5th World Inventor Award Festival, Seoul Korea – Environmental Science Category (2017) and Gold Medal of 2017 Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition.



MYANMAR

PRIMARY SCHOOL

Basic Education Primary School – Thayetpinkanswal, Myittha Township

Myanmar

The Basic Primary School at Thayetpinkanswal Village, Myittha Township, Kyaukse District, Mandalay Division is in 1.7 acre area and has population of 125 students, principal and teachers. The School has two main levels: the Kindergarten and Primary School with the following curriculum: Kindergarten, new school curriculum Grade 1, new curriculum Grade 2, the old curriculum Grade 4 and 5. In the kindergarten, the children learn through numbers of games, among others, creativity games. KG schedules are being taken to raise children properly. Through the counterfeiting game, the children are asked to play with wheat powder and mud. While through the creativity game, the children play with the materials in the KG Kid Box as well as the other materials.

Each class implements relevant curriculum and each subject is taught systematically, according to the schedule for each (10) subject. In teaching time, the students study the subjects. In Physical Training time, the students do the physical fitness exercises. In moral lecture time, moral tales, poems, admonition and musicology were taught to the students. The students also learn how to prevent the risk of unknown strangers and to do their hygiene. In the class-room, teaching desks are located in the form of 'U'. The teachers teach the studentsin 4 Group System.

The teachers, students, parents and members of School Council put effort for lush environment of the school. We make Cleaning of school environment (5) times per a year. Because of coward area of school, we make drains, Landfills. Distribute lime in school toilet and anti-mosquito spraying was done. In collaboration with health departments, we care growth and development, immunization and personal hygiene of the students.

In Planting season (in the August), treasure trees, shade trees and various kinds of trees are planted by the students in the school environment. During such planting season, the students are divided into groups to study planting. In the school compound, a trash bin is placed each and every classroom and along the corridors. Wastes are segregated before being disposed.

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Therefore, according to new education system, Basic Primary School Thayetpinkanswal provides the students with health knowledge, self-protective knowledge, physical fitness, musicology, knowledge about environmental sanitation, and knowledge of planting.













SECONDARY SCHOOL

Basic Education High School – Yenatha Madaya Township

Myanmar

The Basic Education High School – Yenatha, Madaya Township in Mandalay Region has been trying actively to be an Eco-School. At first, we formed Clean and Green School Committee which consists of parents, teachers, students, village leader and the public. The Committee was responsible for growing teak garden, cleaning playground and arranging waste tank systematically. We hold School-Trees-Growing-Day annually. In the School-Trees-Growing-Day, the principal, teachers, students, Clean and Green School Committee grow flowering plants, crops and herbal plants. Poem, picture, cartoon, mottoes and essay competitions are held. The top three winners of the competitions are shown on the notice board. Clean and Green School Committee quarterly checks and gives feedbacks to improve the school environment. The teachers also study agricultural books and share their knowledge to school members to keep environment green and clean. The students also learned to water and cultivate plants daily.

At the end of the week, the school community and parents participatein cleaning the whole school compound. Primary and middle school students are taught science by using the parts of the plants and the High School students can observe the plants for studying Biology.

Under the guidance from the teacher, the students learn not to waste the purified drinking water. The FDA require the school snack shop to sell the hygienic snack and School-Health-Association continuously check these shops. The School also conducted tree planting along the school hedge, near the school buildings. The flowering plants were also planted at the front of the school building and crops are grown at the school backyard.

The principal, the teacher and students are fully aware of the importance of waste management. Under the principal's guidance, the teacher and the students reused, recycled, and upcycled their waste into useful products. the School used broken tree to create writing tables and benches. The principal arranged trash bins around the school. The students and the teachers also learned

Natural waste is used as fertilizers for the school gardens and trees. The principal shared environmental management knowledge to the surrounding community. The headmistress, teachers, students, Clean and Green School Committe and community participated in the following activities to achieve green and clean school: (i) cooperate to improve the sanitation; (ii) cover and drain standing water in the school area; (iii) The monks guide the teacher and the students to have moral and sympathy; (iv) teach the children to appreciate the beauty of nature and not to destroy trees.

It is expected that all related parties' commitment to cooperate to achieve green and clean environment will help to improve the local atmosphere to provide a convenient place for the students to study.















THE PHILIPPINES

PRIMARY SCHOOL
Payao Elementary School

PHILIPPINES

A clean environment is the key to a healthy life but due to bad habits and selfishness of man, our environment becomes dirty day by day. This is an issue that everyoneshould know especially the young generations. Everyone should know how to protect our environment and keep it safe to continue the existence of life on this planet.

With this, the school started a program called Project **P.E.A.C.E.** which stands for **P**rotect the **E**cosystem **a**nd **C**onserve the **E**nvironment. The program designed to promote the environmental projects, programs, activities, campaigns and advocacies of the school, from simple habits of waste management to promoting community involvement for sustainable development and livelihood.

Initiated by the Eco Police Organization with supervision from the School Environmental Coordinator, the simple habit of waste management: Project Eco Sling Bag was started in 2016. The Eco Sling Bag is made from recycled materials and worn by every pupil, parents and teachers inside the school premise to promote anti-littering and segregation campaign. Plastics waste were cut into smaller pieces and put inside the plastic bottles to be used in constructing plastic bottle plant boxes and reading areas while biodegradable wastes were used as organic fertilizers.

Moreover, environmental awareness is also integrated in all learning areas. The School also has reading materials in the mobile libraries which contain stories about the beauty of environment to tickle the students' imagination and cultivate their love of reading.

To further support the Project P.E.A.C.E. and its sustainability programs, the school initiated a program called Green Hour, to conserve electrical energy from 8:00 to 9:00 a.m. every day, use solar panels as a source of sustainable, free, and non-polluting energy, and rain harvesting to collect water that can be used for cleaning, gardening and toilet flushing.

With the overall objective of Project P.E.A.C.E., the school implemented different habitual programs and activities to promote clean and healthy environment as well as to educate pupils on how to conserve and protect the environment. Further, the school also implemented Project VE.G.G.I.E.S (Vertical Gardens Gains Intervention on El Nino Shocks) which promoted water conservation and plant propagation in a limited space; One Fruit Bearing Tree per Child program; Gulay Itusok sa Bawat Sulok program (Vegetable Planting in every idle space in school and in the community); and Project RI.SE.(River Seeding) and RE.ST (recruitment Structure) our school's response to fresh fish insufficiency in the barangay,mangrove planting and tree planting activity annually.













Lastly, the school is attuned to produce 21st century learners who have ingrained in their system the beauty of environmental sustainability, environmental knowledge, values and attitudes to enable them to make connections with nature and open their hearts and minds about environmental issues and take necessary actions to keep our environment healthy, pollution-free, and sustainable for the future. With the help, cooperation and unity of everyone, we achieve all of these because we believe that we are a T.E.A.M., **T**ogether **E**veryone **A**chieves **M**iracle.

SECONDARY SCHOOL

Divisoria High School

PHILIPPINES

The Earth is the only livable planet for mankind and other creatures to co-exist. Its four elements – water, air, fire and earth – are blended to give life. However, the emergence of technological advancement threatensthese elements of the Earth.

In Northern Luzon, Philippines seated a small school that implements environmental advocacies. This is Divisoria High School. The support it has gained between the Department of Education and Department of Environment and Natural Resources along with the Local Government Unit and various sectors of stakeholders were all directed to its institutional environment theme called **Kalinga Ko'y Kalikasan** *(I care for Nature)*.

The KKK program encompasses the four elements of our planet.

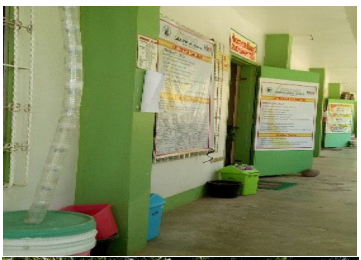
Water Policies and Initiatives include Simulated Water Filtering Model –along with other rainwater harvesters installed within the campus – purifies harvested rainwater for various use; Waste Water Management is meant to filter used water before its disposal; Divisoria Riverside Outreach Program (DROP) in partnership with stakeholders protects an adopted riverside; Water Banking Mechanisms ensure availability of water during El-Niño; Pump wells are installed while water scheduling was institutionalized to save energy; the presence of Dextrose Watering System,Dri irrigation and Hydroponics are sustained.

Air Policies and Initiatives of the school contributed to the city's National Red Orchid Award. The school implements Anti-Smoking Policy, Anti-smoke Belching Vehicles, Tree Planting Activities and colloquiums on Clean-Air Act. The Local Government Unit donated bicycles to all students to help reduce the emission of carbon dioxide.

Earth Policies and Initiatives maximize the use of school spaces to spread greeneries in the campus despite its urban location. The Eco-Forest Park with decade-old rubber trees is maintained; “Oh, My Gulay” (Oh, My Veggies) supports the School’s Feeding Program; The Nurseries and Home for the Aged Plants are living laboratories for learners to acquire skills in nurturing plants; Vertical Gardens and Edible Landscaping are sustained.

KKK contributed to the school’s string of awards since 2014. Other domino effects were aligned to the 17 Sustainable Development Goals to transform the world through addressing poverty, hunger, good health and well-being toward quality education for inclusivity and gender equality. As a package program, it contributes to the attainment of affordable water, energy and sanitation, economic growth,

responsible consumption and production, climate action, sustainable life on water and land. KKK is now duplicated in other schools and municipalities through benchmarking and sharing of best practices in other regions and the country at large. There is hope in saving this green planet that holds the lives of all budding generations. Certainly, this planet doubles its abundance of gifts in return to combined nucleus of efforts that mankind does to save her.















SINGAPORE

PRIMARY SCHOOL

Marsiling Primary School

SINGAPORE

Marsiling Primary School (MPS) weaves Green Citizenship into its Total Curriculum, with its Values in Action (VIA) programme leveraging Green Citizenship as one of its anchor platforms. The school's Learning for Life Programme (LLP) committee implements school-wide green activities to provide opportunities for active participation among all students. In line with the school's vision "Every Marsilian Can Learn, Lead and Serve", and its mission to "nurture responsible learners and compassionate leaders", Green Leaders (e.g. Green Monitors and Environment Champions) are appointed and developed to spread the green message and promote a culture of love for the environment. These student leaders role model positive green practices within the class, school and community to raise awareness aboutprotecting our environment.

Since 2014, MPS has been organising Green Citizenship Day, an annual school event, with different green activities planned to engage the whole school for all students to be involved in saving the environment. For instance, environment education teachers design lesson packages that are aligned to the World Wide Fund for Nature (WWF) Singapore Eco-Schools guidelines for the different levels. Some examples of the lesson activities include upcycling

for the different levels. Some examples of the lesson activities include upcyclingof toilet rolls into pencil holders and puppets for the lower primary students, making eco-friendly 'fizzy ball' cleaners for the middle primary students, and designing terrariums for the upper primary students. In MPS Green Citizenship Challenge, a year-round inter-class competition for all levels, students collaborate with their peers to demonstrate responsibility for the cleanliness of their classrooms and school canteen through theGreen Classroom and Green Canteen initiatives respectively. Classes in each level also compete in the *Karung Guni* (rag-and-bone man) Challenge which encourages students to recycle paper.

MPS adopts a school-wide approach towards facilities management and environmental practices. It conserves energy by switching off appliances when they are not in use, including adjusting the number of lights used in the school hall according to the number of classes present, and turning off the lights and fans in the school canteen before and after recess breaks. The school also embarked on rainwater harvesting in 2016to reduce its water consumption and educate students on alternative water sources. Led by the Green Monitors, a Green Classroom checklist is put up in every classroom to serve as a reminder to all students to play their part in keeping their learning environment clean and in conserving energy.

Beyond the school, MPS collaborates with various stakeholders to spread the green message to the larger community. In 2014, the school supported the National Environment Agency (NEA) in developing learning resources for Project “Buddy Clean”, a programme to foster students’ ownership of the environment through establishing a new school-wide norm of shared responsibility in taking care of their classrooms and common spaces. In addition to inculcating social responsibility and a sense of belonging to the school, this programme also helps to develop student leadership through a unique mentoring structure between the Primary 3 and 5 students. Since 2016, the school fosters ownership of common spaces among its stakeholders by organising the annual “Marsiling Cleans Up”, where Primary 6 students and teachers walk from the school to Woodlands Waterfront to pick up trash and contribute to a litter-free neighbourhood, promoting civic-mindedness and personal responsibility for a clean living environment in the process.



In 2017, the school organised the in-









In 2017, the school organised the inaugural biennial Green Symposium @ MPS to share its environmental education efforts and green practices with fellow educators and students at the national level. This year, the second symposium was successfully held with a focus on the waste minimisation movement in Singapore. The symposium featured an “Escape Room” with upcycling activities for students, the “Escape Room” design concept for educators, an educator workshop on plastic reduction conducted by WWF Singapore, and three keynote speakers who shared their personal journey towards waste minimisation through conscious lifestyle choices (e.g. refusing the use of plastic straws). The school will continue to partner the community and external organisations to explore learning opportunities to support the holistic development of all Marsilians, and to nurture them to become strong advocates of the green movement

SECONDARY SCHOOL

Bukit View Secondary School

SINGAPORE

The promotion of environmental consciousness is embedded into various areas of Bukit View Secondary School's policies. The school strategic map features environmental education, responsibility to society and the formation of partnerships in environment. The Head of Department for Partnership coordinates environmental efforts across the school, in utility (energy, waste and water) management, curriculum, outreach, development of student leaders and the environment club.

The school has an Applied Learning Programme (ALP) in Clean Energy and Environmental Technology for all Secondary 1 to 3 students. In 2016, as an enhancement of ALP, it introduced the Junior Outstanding Leaders in Environment for Sustainability (JOULES) programme. It aims to groom student leaders to be interested in careers related to Science, Technology, Engineering and Mathematics (STEM), and who will be engineers, innovators and entrepreneurs in the area of sustainable living. The JOULES programme provides students knowledge and experience in design thinking, coding, programming, environment and sustainable energy. The programme offers scholarship opportunities and 12 students have received scholarships under this programme.

In 2018, in partnership with the Singapore Green Building Council's consortium of green building professional firms and product suppliers, the school developed the JOULES Smart Centre. Built with upcycled materials and fitted with energy-efficient lightings, the centre is a unique classroom that serves as a platform for students to learn about green innovation and products. The school opens the use of the centre to the community and partners as well. The JOULES Smart Centre complements the JOULES programme for students.

In the school canteen, no plastic straws are provided, and reusable cutleries and containers are made available for staff to pack food. Vendors impose a small charge on disposable packaging to further discourage its use.

The school is outfitted with a rainwater collection system and solar panels, which have led to a decrease in water and electricity consumption by 40% and 7.5% respectively from 2013 to 2017. The school has also planted trees in its compound to support the National Parks Board and Green Wave, a worldwide biodiversity campaign. Since 2014, the number of trees has increased from 3 to 14 and number of species from 2 to 14.

To contribute to the community, the school developed “EcoTrail @ BVSS”, a science-focused learning journey within the school grounds for students from two neighbouring primary schools. Since 2006, the school holds the Student Environmental Leadership Conference annually to share best practices with 200 primary school students.















THAILAND

PRIMARY SCHOOL
Ban Non Samran-Yangrian School
THAILAND

Ban Non Samran – Yangrian School is located at Moo 7, Sokkam sub-district, Se-ka District, Beung Kan Province. The Director is Mr. Wassana Akkati and there are 13 officers and 181 students. The school is a Whole School Approach development which focuses on the learning process of supporting the students to grow up as a good and be responsible citizen and also aware of environmental problems. Moreover, lead the students makethe worth from environment.

Ban Non Samran – Yangrian School has participatedintheEco-School project since 2012 with the following missions:

The 1st Mission: Environmental Education and Management Structure Policy

The school clearly specifies policies, missions, visions, and Environmental Education management structures for practicing within the community and school

Visions: the school advocates for the students to be the best in both of academic and technology, moreover, encouraging students be aware of environment, and following the path of Sufficiency Economy Philosophy.

The 2nd Mission: Providing EE Learning process

The school emphasizes on the real life experiences where students can practice and manage their lessons by themselves. The Environmental Education (EE) learning process can enable students how to solve problems. In this learning process, the school has implanted the virtue, social value and desirable characteristics in the curriculum starts from the kindergarten 2 to the grade 6 by using 7 Steps Approach as follows:

Kindergarten 2: My Classroom

Kindergarten 3: Our School

Grade 1: Water for life

Grade 2: Electricity

Grade 3: Trees

Grade 4: Herbs

Grade 5: Chemical Substances

Grade 6: The River of Life to the Community Conservation

In addition, the school establishes learning stations according to the students' interest. Each station has been set up with brainstorming process of students and teachers. There are 7 topics as follows; local wisdom station, local herbs station, recycle paper station, local vegetables station, organic vegetables, fermented bio-extracts station, and leaf mulching station.

Moreover, the school intends to use the community learning center and school learning center usefully. Its learning process covers "about" environmental learning which is study "within" environmental surroundings, and "be" Eco friendly.

The school has arranged the Eco-School Expanding Network Training for preparing the curriculum by using 7 steps approach. Currently, it has an Eco-School network in every region of Thailand.

The 3rd Mission: Natural Resources and Environment Management in School

The school attaches great importance to environment management in school for example; soil, water, energy, and biodiversity conservation; waste and wastewater management; reduction of the use of chemical substances; consumption of eco-friendly products, green area management, and also use of eco-friendly equipment and procurements. These are the main goals to lead the school to be “ideal” or an “ideal community” whereby all teachers, students and school officers follow this way together. The school has natural resources and environmental management which can demonstrate everyone in school to practice and change their behaviors.The school has applied the Sufficiency Economy Philosophyfor natural conservations and promoting environmental quality.

The 4th Mission: Participation and Environmental Education Networking

Ban Non Samran – Yangrian School aims to encourage all level within school, or between school and community, and also between school and local organizations to participate and support the learning process management. Fortunately, the school has been getting support continuously from all stakeholders such as, students’ parents and local communities on school’s projects. Local organizations always support the mission of the schoo l very well under the control of the director and the Basic Education Board.

Various programmes that are in accordance with the said missions of Ban Non Samran – Yangrian School have been implemented, with the following results:

The effects on the students

1. understand and learn more about their communities, to follow news and information about economic, social and environmental prob lems.
2. be able to predict the possibility of environmen tal problems in community, and finding ways to prevent the problems.
3. cultivate their Love to the hometown.
4. have freedom to express their opinion.
5. actively participate in community activities.

6. behavior changes to eco-friendly behavior.
7. leader in taking care of natural resources and environment
8. receive awards in academic competitions

The Effects on the School

1. leader for other schools
2. selected as the eco-school from Department of Environment Quality Promotion, and visitation from other organization.
3. receive compliment from other people and the director.
4. the school activities being covered by the media.
5. continuously received funding support from the government.
6. establish sustainable environmental conservations network
7. awarded with various environmental national awards such as The Science House award, The Science invention project award, and Suffi ciency economy ideal school award.
8. our teachers received the awards in environmental works such as the best teacher award from Prince Maha Chakri Award Founda tion, the 20th century of Ideal teacher award, the ex cellent govern ment officer award, and the Science Project trainee award with gold medal.

The Effects on the Community

1. acquainted to other people
2. received a compliment
3. be a strong community
4. people in the community love their local and help to conserve their natural resources and environment.
5. pay more attention to the school's activities by keep participating in environmental activity.
6. brought more the children to our school.
7. the parents support the school activity to achieve all 4 missions by donating money, equipment, workers, etc.

The most honorable moment for the community was when Her Royal Highness Princess Maha Chakri Sirindhorn visited the school on 23 May 2017. This event led the school feel very graceful. Her Royal Highness Princess is interested in natural resources and environmental conservative activity. The representative of school presented the project under the name of “Follow the King’s path, and sustain the determination, protect the environment with 7 steps and the river for life to the community conservation.”

The teachers, students and people in community proudly participate in taking care of the local natural resources and environment. This is only a small thing they have done for the benefits of their community. The school will maintain the determination of the late King Bhumibol Adulyadej for building up the good Thai citizens to continuously preserve the natural resources and environment.













SECONDARY SCHOOL
Khuandon Wittaya School
THAILAND

Khuandon Wittaya School in Satun province provides education to Thai children in order to create and develop them to become good, and wise citizens who live happily in the Thai and global societies. The school has made purposeful strides in helping students adjust themselves to the current fast changing society, as well as cooperate in taking care of the global societies.

The school has issued a distinctive policy in its educational development plan and year plan.

Vision

"Khuandon Wittaya School is a learning organization which has made its strides in providing education to reach the international standard in the multi-cultural societies and aiming to preserve wisdoms and environment, stressing on virtue as well as leading lives on the sufficient economic philosophy".

Core Value

"Virtue leads life, environmentally friendly"

Administration and mission driving are performed under participation of all associated parties in the following PDCA management method : Plan (plan ning) – resulting from analyzing problems and making development plans; Do (performing) – seriously and continuously following the plans, methods and issued schedule; Check (checking the performance results) – supervising, directing, following, checking and evaluating the school's performances at appropriate times by using various means and methods; Action (correcting mistakes) – correcting mistakes or improving the performances.

The school enhances environmental education by adding the subject into the curriculum in all levels. The school also provides instruction by using the 7E learning approach basing on problem-basedlearning,andcommunity-based

learning.Curriculum development is supervised by the Professional Learn ing Community (PLC) session which helps the learners become leaders in managing the sustainable environment, have the awareness andgood attitudes in preserving natural resources with the supports of the teachers, parents and communities.

The school conducted environmental friendly projects via the activities which enhance waste reducing behaviors, reducing power consumption, and increasing green areas such as Environment Scouts, Using Banana Leaves to Save the World, Creating Beautiful School by Our Own Hands, Stopping Engines to Reduce Global Warming.

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The school conducted environmental friendly projects via the activities which enhance waste reducing behaviors, reducing power consumption, and increasing green areas such as Environment Scouts, Using Banana Leaves to Save the World, Creating Beautiful School by Our Own Hands, Stopping Engines to Reduce Global Warming. Because of these activities, the school won the national awards such as Zero Waste School, and Stop Global Warming Project. The school serves as a learning environment center for the school itself and the community. It also serves as a study tour destination on environmental conservation of both Thai and international organizations.

Khuandon Wittaya School has a network which promptly supports knowledge learning from the local wisdoms, budgets, personnel, and materials; and drives the strong and sustainable environmental administration. The school also extends environmental networks via the environmental management projects with the primary schools in the same district and signing the MOU’s in joining the environmental issues with schools in Malaysia.

By launching the Eco School project, the school has had a systematic environmental management in developing the learners to become good citizens with thinking process, problem solving ability, and preserving natural resources and environment. The school together with the community will join in setting the goal in driving continuous and sustainable environmental activities.















VIET NAM

PRIMARY SCHOOL

My Khanh 1 Primary School

VIET NAM

Knowing the dangers of environmental pollution and climate change which are increasingly threatening the existence of human beings and creatures, My Khanh 1 Primary School determined that environmental education is a topic that has become more urgent and important than ever. Theschool has been carrying out specific actions to raise awareness of the students on environmental protection, including:

- Management and policy in schools
  - Setting up vision and implementing programs to change the environment in classrooms and schools.
  - Establishing an organization to help manage and monitor sustainable environmental development programs.
- Curriculum and learning activities
  - Environment and climate change are integrated into the subjects; different teaching activities are integrated depending on the content of the lesson but integrated with the levels: whole, good part or indirect contacts are always concerned by the school and professional teams.
  - Capacity development for teaching staff: every year, organize training courses, organize seminars to share effective educational ways for managers and teachers to think together to find effective implementation.
  - Maintaining quality professional meetings: discuss about en vironmental protection education, climate change etc.
  - Environmental clubs operate effectively and enthusiastically: maintain the public labor work such as taking care of ornamental flowers, decoratingfriendlyclassrooms,ecologicalclassrooms,greenenvironment.
  - Organizing activities such as fruit tree planting, shade trees planting, weeding, growing vegetables at the school garden, school cleaning on weekends.

- Facilities and environmental activities

Greening:

- Building a traditional living area in the school yard with a green natural aquarium, green trees, cool, cheerful for studentsto read books, review lessons around the aquarium.
- Creating a vegetable garden for children to experience the cultivation of vegetables, tubers and education for them to take care of their plants.
- Annually, to celebrate Uncle Ho's birthday, each class plants at least one fruit tree in the school garden.
- Decorating the school yard with ornamental flow ers on Tet Holiday at the beginning of the school year.

Energy and water:

- Replacing all high pressure lights into energy saving lamps.
- For energy saving, every class is guides to use fan and lights properly.
- For water conservation, using water wisely, for example, after washing vegetables, the water is reused to water the plants.

Conservation of resources:

- Providing tools for waste sorting areas in class and at school.

Clean and healthy:

- Prohibiting the students to eat unqualified food sold outside the school.
- Reminding the students to bring their own water bottle with clean drinking water.
- Prohibiting the students to use disposable foam containers.

Community:

- Teaching the students about waste segregation.
- Providing a garbage disposal pit in accordance with regulations.

Learning, approaching, environmental awareness

- Organizing propaganda activities in response to Earth Day, Earth Hour.
- Organizing the World Environment Day.
- Providing environmental education materials for teachers, students, school library, class library, parent corner.
- Establishing a club to organize folk games on the environment.

Because of the goal towards a friendly and positive learning environment, the school will continue to study more deeply about ecological schools in order to improve systematically, qualitatively and comprehensively.













SECONDARY SCHOOL

Dong Phu Secondary School

VIET NAM

Dong Phu secondary school is located in central Viet Nam, where its extreme climate every year may result in flash flood, hurricane, and high temperature. Therefore, educating students and enhancing their knowledge and skills on how to deal with climate change and to protect the environment are very important for the school.

According to the United Nations cultural agency report, global issues – such as climate change – urgently require a shift in lifestyles and a transformation of the way people think and act. To achieve this goal, the first duty of Dong Phu school is to find appropriate and innovative ways to integrate social issues into lessons. From 2016 until now, the school has created a project called "Action for the future" with the purpose of training students about climate change and how to protect the environment by simple actions. At the present time, more than 600 students have participated in this project. The school also received a certificate of merit given by the Minister of Natural Resources and Environment of Viet Nam for creating innovative products supporting disaster risk reduction and climate change adaptation, contributing to the conservation of natural resources and environment.

The school also engages students and people in its community to take part in its extracurricular activities, community service, raising awareness on environmental protection. For example, in summer 2018, the project entitled "Less plastic" was developed to introduce easy ways to start reducing waste in everyday lives. The project was awarded the 1st prize of "Green Creation" competition 2018 given by the Ministry of Natural Resources and Environment.

The school has established good cooperation with, among others, the Department of Natural Resources and Environment and NGOs such as Quang Binh's community development center startup innovation company which provides financial aid and holds a significant training course for Dong Phu's students called "The Green Leader 4.0". It helps them spread the philosophy "live green, live healthily, live beautifully" to our community. They also participated in "Earth Hour 2018".


TẤT CẢ VÌ HỌC SINH THÂN YÊU
RÁC
hữu cơ
RÁC Rác khó
tái chế phân hủy






SỐNG
XANH
bắt đầu từ chính bạn

ASEAN Environmental day - 2019

The 3rd ASEAN Eco-schools Award and the 1st ASEAN Youth Eco-champions Award (AYECA

Siem Reap, Cambodia 2019