

CEI 2020
Virtual
Conference
September 27th - October 3rd 2020

THE TRANSFORMATION TO A SUSTAINABLE PLANET



34th Caretakers of the environment international conference
a global network for teachers, educators, and students

Illustration by Any Okta

cei INDONESIA
2020



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14th Caretakers of the environment international conference
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GLOBAL FORUM

Caretakers of the Environment International
a global network for teachers, educators and students

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*rest in peace July, 2020

Learn More about CEI or contact us: <https://www.caretakers4all.org/>

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Global Forum Team 2020 : Stien J Matakupan, Desya Arti, Ary Okta, Andrew Cox, Jana Cox,
Lucy Mainwaring, Kazi Talaska, Benjamin Bond. Design & illustration by Ary Okta



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Beautiful Indonesia

1 Message

President's Message - Elisabeth

Dear all Caretakers – students, teachers and friends

The year of 2020 will be remembered for a very long time.

The world is suffering from the Covid-19 pandemic and for the first time in more than 30 years we cannot have our summer conference for students and teachers. Because of the pandemic, it is not possible to travel to and from many countries. It is very sad but the only responsible way to act was to postpone the conference to next year. Some countries and regions are dealing with major problems and some other places much less – but everywhere in the world people have felt the serious consequences of this virus. The Covid-19 virus has had fatal consequences for all that have had and will have the disease, and it has also brought with it many hard economic and social consequences. Many things have changed. “Normal life”, as we knew it, no longer exists. In many countries there are restrictions for daily life and in some areas, people need food, water and treatment for diseases – more so than just half a year ago. This pandemic certainly changed our perspectives for our existence and interaction with other people locally as well as globally.

But there is also hope. Many families are spending more time together. Many people, as well as companies have been very creative and have found new ways to produce aids and appliances to help us cope with this disease. Taking care was no longer just something you said but became a way of life – to be more concerned about the older people in your family or neighbours that needed help. Countries have also been more concerned about helping other countries where the situation was very serious. Not enough in my opinion, but at least more than usual. I think it has become more evident for people that we are one world, where we all depend on each other and where we all must exist and survive together. To survive, it is necessary that people can see, feel, understand, be engaged, communicate and act to make it possible for all of us to exist on our globe.



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Caretakers of the Environment International (CEI) – our organization that we love and work for – is a forum that provides us with the possibility to share, understand and act where we live even if we can't meet physically at our summer conference. Stien Matakupan, Indonesia, who was supposed to host the summer conference and a group of alumni that have been to more conferences, have arranged a virtual conference, which you can learn more about in this edition of Global Forum. Further, there is a possibility to chat every Wednesday, which you can also learn more about in the Global Forum. I encourage all that are interested and have the possibility to take part in the chat and/or the virtual conference.

We are very thankful to Stien and her team and to the alumni group for all their work and efforts to make CEI grow and live. Thank you so much all of you.

The Corona virus has reduced the global footprint almost 10 % compared to last year. That is good for our common planet, but it should not come because of a disease but because of wise decisions and efforts from all governments and people living in this world. Together we can make a step forward to the 17 goals for sustainable global development that United Nations decided in 2015 – and together we can make a change. Take care all of you.

Elisabeth Brun, Denmark

President of Caretakers of the Environment International



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REVIEW

REVIEW OF CEI 2019 TURKEY

It was with great pleasure that we welcomed you to Istanbul for the 33rd Annual Caretakers of the Environment International Conference, held for the first time in Turkey. The theme, “Sustainable Living in a Big City,” was inspired

by our unique location: Istanbul. Istanbul has always been one of the biggest cities in the world. Along with magic and variety, its grandeur and history bring so much into the citizens’ lives, which we hope you also experienced during your stay. The challenge of sustainable living in cities is a big part of our lives. Therefore, we have always been aware that although sustainable living is most crucial in the big cities, it is also much more difficult to implement in big cities. For this reason, we wished to explore this theme with you, the Caretakers Family and get your ideas. The sub-title of the conference was Goal number 11 from UN Sustainable Development Goals. Goal 11 is aiming to make cities inclusive, safe, resilient and sustainable all around the world by 2030. We were all very excited to work on these issues and learn from each other. It was an amazing opportunity: we got to collaborate with people from all around the world and further the proud tradition of Caretakers of the Environment International Conference in a beautiful location surrounded by nature.

Like with all CEI conferences, we had the opportunity to learn from each other, had fun together and felt as a part of a big and wonderful loving family.

By Nurten Selda MERSİNLİOĞLU
Conference Host 2019



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CEI 2019 was one of the best trips of my life, and the farthest place I've been from home. I reencountered friends from other conferences (something that seemed very hard) and met new people. Turkey has a magical vibe and the people were the best: the host, students, everyone was great! The local alumni were the best, if I didn't have this team of friends as alumni it would have been impossible to create such an incredible conference.

By Alberto Garcia Mtz,
Alumni 2019.



our impression

Capturing the smiles of the people from all around the world and creating videos was so much fun for me.

I spent quality time with different groups while they were working and presenting their research about environmental problems. I noticed that the youth are aware of the fact that the environment is being destroyed by people. Youth is going to be the solution for possible future problems. Young minds can and will create a better future. The best way to start this journey is to learn first; therefore, the best way to learn is to actually discuss these problems with your fellow peers. CEI teaches you a lot about the environment. You will improve skills such as public speaking, problem solving, critical thinking, researching, analyzing and more. CEI provides an opportunity to take action for the environment. You will have the chance to meet a lot of people all around the world which will give you unforgettable friendships and memories.

By Yağmur Bereket,
student, CEI Turkey



3 Indonesia as host

Stien J. Matakupan

Conference Chair 2020 , CEI International board member.



Dear all Caretakers – students, teachers and friends

Dear Caretakers Delegates,

It is indeed a great honour to welcome you all to the 34th Caretakers of the Environment International conference, please accept our warmest greetings. This conference is special for us all. I remember it was in early March 2020, when some countries had been registered and even did most of their preparations to travel to Indonesia and the face to face conference preparations almost 70% done. At that time, we were all urged to stay and work or study from home where possible due to the highly contagious nature of COVID-19. Almost all the countries in the world have taken measures to contain the spread of this virus. We had to revisit all on-site preparations and shifted it into a virtual conference.

While we lived our life during this last nine months, we all witnessed that the global coronavirus pandemic has caused unimaginable devastation and hardship. On the other side, it has taught us the importance of our wildlife for the world. If wild animals are not living in their natural environment, if we degrade their habitats, they can spread viruses. The best antivirus is a healthy natural world.

The pandemic has also strongly shown us the links between environment (deteriorating ecosystem health, habitat and biodiversity loss, and over-exploitation of species) and with social and economy issues. During this difficult situation, we can see that we actually are able to put humanity ahead of economy and at the same time it brings positive impacts for the environment. However, when we think that the Covid-19 has been “good for the environment”, The National Geographic (2020) reported that the global carbon emission in early April 2020 was only 5 percent lower than at the same point in 2019, even though most of us still worked and studied from home, and some industries, public transportations, etc, were still reduced in their operations. It means, we need to remain careful as there will be a possibility that we will go right back to the critical point for our environment.



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With this in mind, we hope the event brings a good opportunity for us to think about the transformation that happened to our mother earth from the people, planet and profit perspectives, and how we can work together as caretakers of the environment. We expect this special meeting will give us a chance to learn from experts during CEI talks, present our ideas and initiatives during project presentations, gain more knowledge from virtual workshops, and have fun in the great CEI bake-off session, cultural performance and SDGs quiz. The recommendations created at this conference, hopefully would also become important inputs and motivations for us all to take care of our planet and develop our nature sustainably.

To Indonesia Ministry of Environment and Forestry, to Indonesia Ministry of Education and Culture, please accept our heartfelt gratitude to all advice you provided. We would like also to take this opportunity to thank Caretakers of The Environment International (CEI) board, for placing your trust to Indonesia team and for all of your ongoing leadership and support.

Writing “thank you” is not enough for us to express how grateful we are having CEI Senior Alumni in our team. We would not reach this point without all talents and skills they put to make a great conference for us. For our partners institutions and organizations, for your very generous contributions to our conference. We want to send warm thanks and appreciations and hope you know how much you are valued.

To all teachers and delegation leaders, please accept our sincere gratitude for your efforts to prepare your delegations for this conference. For the valuable time you spent working with students for their project presentations, while at the same time preparing your online lessons.

Last but not least, on behalf of the organizers, I would like also to express our warmest welcome to all participants. We realized that the virtual conference prevents us from finding the best and comfortable time for all of us who come from different continents with various time zones. Thank you for your contributions and hard efforts to attend. I wish you have a successful and fruitful conference.

Stien J. Matakupan Conference Chair



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organizer

Khaira Fitmi

CONFERENCE CHAIRS of CEI 2020



Observer : Turkey 2019

**Occupation : People-VP & Corporate
Secretary of Sekolah Alam Indonesia**

I am Khaira Fitmi (Mimi). I am an Educator, Trainer and also Song Writer who is creative, visionary & agile. I always like to communicate, collaborate and

have synergy with others to create a local, national or global (forum) focus on Education, Children and Environment.

Now I am one of the Conference Chairs of CEI 2020.

IG : @khairafitmi FB : Khaira Fitmi

Ary Okta

VISUAL DESIGNER for CEI 2020 , GLOBAL FORUM DESIGNER



Delegation Leader : Austria 2018

**Occupation : visual designer, painter, installation
art artist, educator, socialpreneurship.**

I have some business and social entrepreneurship, Owner of local food and beverage places with cultural concept (@kedaitehsinau and @segokebon). Owner and head of visual design at Dimensi Gagasan Prima Company (Interior design, Architecture, Art Products).

Owner and founder of Palakali Creative (Saung Palakali Creative Art Community), Co-owner and founder of the Sekolah Citra Alam Yogyakarta, and Program Director of Sekolah Citra Alam Jakarta.

I am creator, designer, visionary, educator, journalist, synthesizer, interpreter. I am someone who has many ideas, always wants to help others and likes to see people's progress, likes to communicate ideas, likes to collect different information and organize them, and I like to fantasize about what might happen far in the future. FB : Ary Okta IG : @ry_okta



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organizer

AINUN Nurul Fitriyah



PROGRAM COORDINATOR

Delegation Leader : Oregon 2017, Austria
2018, Turkey 2019

Occupation : High School teacher at Sekolah
Alam Indonesia, Jakarta

Hello everyone, I'm Conference Program Coordinator
of CEI VIRTUAL CONFERENCE 2020.

I love developing concepts for organizing events.

Then, it is so relevant with what I'm doing in this committee. I hope you
enjoy our various events and hopefully someday you will be coming to
Indonesia for real. See you all soon

DESYA ARTI

SOCIAL MEDIA COORDINATOR, PROGRAM TEAM, IT SUPPORT, GLOBAL FORUM



Delegation Leader : Austria 2018, Turkey 2019

Occupation : Vice Principal of Citra Alam
Senior High School, Research and
Development Program, Mathematics and
environment educator, Motivator, Entrepreneur
(Owner of Desya official Store and Your Thai Tea in
Ciganjur & Cilandak),

I like travelling, hiking, writing, organizing events and people. I am a fast
learner and would like to learn something new like video editing, and
everything about technology. I Like to motivate students to create their
own projects and share ideas. My Role is as Social Media Leader, Program,
IT Support and Global Forum. I will do the best for this Event.

IG : @desyaarti



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organizer



Diani Wijayanti
REGISTRATION AND
SECRETARIAT
COORDINATOR
SEKOLAH ALAM
INDONESIA



Sofie
ACCOUNTING
COORDINATOR

AB HOME



Wulan Gouvara
REGISTRATION AND
SECRETARIAT
SEKOLAH ALAM
DEPOK



Yusep Cuandhani
TRANSLATER, EDITOR
BRITISH SCHOOL
JAKARTA



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organizer

Okwan Himpuni



IT SUPPORT COORDINATOR, PROGRAM TEAM
REGISTRATION TEAM

Delegation Leader : Austria 2018,
Turkey 2019

Occupation : Educator Sekolah Alam
Bogor, Indonesia.

As an educator, being part of a kindness movement has been a tremendous experience for me. One of them is by attending the CEI conference.

Where we can share innovations in environmental education programs and build environmental awareness. What is no less exciting is that we involve young people to be wise with nature and collaborate with other people from different cultural backgrounds.

This year is my third year attending the CEI conference. after Austria, Turkey and Indonesia as hosts. at this year's conference I was the IT support coordinator, program team and registration team.

I am very enthusiastic to share and work together to build environmental awareness. because for us the environment is not only a place to live, but also as a classroom and learning resource for sustainability and better life.

IG: @ o.himpuni FB: Okwan Himpuni



SETYO BUDI
PROGRAM TEAM
IT SUPPORT TEAM

AB HOME



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organizer

Ranny Kusumawardhani



PROGRAM TEAM

**Occupation : English Teacher @Abhome, A
Linedancer Instructor @MLD Bogor**

As an educator at Abhome, it is my passion to develop teenagers, help them widen their horizon, support them to inspire each other, and be a partner for them.

For me, educate is not only teaching but sharing great things, and together we usually have an interesting discussion.

Aside from an educator, I also one of the linedance instructor in Bogor, Indonesia, that is one of my hobbies, at the same, for me education it is also my way of expressing the beauty of dancing.

This is my first CEI Conference and I am very excited to have a participation in this yearly event. In this 34th CEI, I was given the opportunity to share regarding literacy about local languages in Indonesia. Participating in this CEI has given me the new colour of my life experience



Laila Sari

PROGRAM TEAM

**SEKOLAH ALAM
MEDAN RAYA**



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4 Meet the Alumni!

Get to know the people who are working behind the scenes to help bring you the best conference experience. Alumni help with everything from planning, to social media, and facilitation of the conference events, you might just see a few of them in your events!

Jana Cox

Role: Chairperson

Student: Denmark 2008, Scotland 2009,
Maastricht 2012

Alumni: Scotland 2013, Taiwan 2014, Portugal 2015



I am doing a PhD at Utrecht University (The Netherlands), researching the changing sediment of deltas. My focus is on the Dutch Delta and how climate change and sea level rise will affect deltas and estuaries which are heavily influenced by people and engineering.

As part of my job I work on climate change and sustainability. My favourite part is doing multi disciplinary work with people outside my field. I began and am part of the Young Women of Geosciences, a group of peers who are working towards a more diverse and inclusive environment at my University.

Nadia Young

Role: Head of Social Media

Student: Scotland 2013, Taiwan 2014,
Portugal 2015

Assistant Alumni: Taiwan 2014, Portugal 2015 Alumni: Oregon 2017



I spend most of my time studying at the University of Illinois in Chicago. I live five minutes away from Lake Michigan which is in the hub of City sustainability. I research basic issues of quantitative reasoning in Urban planning. I examine marginalized communities enduring the harsh realities of climate change. Once I graduate, I aim to promote comprehensive growth and sustainability of the City and its surrounding neighborhoods.

Alongside my studies at the university, I research the most cost-effective and environmentally-friendly habits that humans can adapt when taking care of their body. I hope to create my own cosmetics and hygiene line that can take care of humans AND the environment at a low cost.

Laura Kelly (née Cox)

Role: Secretary

Student: Poland 2006, Hong Kong 2007,

Denmark 2008, Scotland 2009,

Alumni: Maastricht 2012, Scotland 2013, Taiwan 2014,

Mentor: Portugal 2015, Denmark 2016



Currently working in Dublin as an FIT Operations Coordinator, which is basically a fancy way of saying that I work for a tour operator which organises holidays in Ireland and Scotland for American tourists.

I chose this job because I love to travel (part of the reason I have attended so many CEI conferences) but I chose my company because they are very involved in promoting sustainable tourism. We want people to make travel matter, to make tourism sustainable in the long term.

Samuel Thelaus

Role: Junior Alumni Coordinator

Student: Maastricht 2012, Scotland 2013

Assistant Alumni: Taiwan 2014, Portugal 2015



I work as a research assistant at UNSW and the University of Sydney in Australia. My job is to run statistical models to better understand and develop treatments for gambling and drug addiction. This means sitting in front of a computer 8-12 hours a day, which can make my back very sore. Therefore, I spend my free time taking walks with my flat mates, dog Lola and going hiking in the Blue Mountains, a mountain range covered by rainforest only 1.5 hours from my house.



Julien Beuken

Role: Liaison to the International Board

Student: Aberdeen, 2009

Alumni: Maastricht 2012, Scotland 2013, Taiwan 2014



Since the start of 2018, I work for the Ministry of Foreign Affairs of the Netherlands, where I advise our Director-General responsible for international development cooperation on policy and management topics. Sounds fancy, but means I hear a lot about what my country and the international community is doing about topics like the Sustainable Development Goals, combating climate change and the fight against poverty and inequality.

I also try to contribute to making our ministry more inclusive, for everyone to fit in and feel vital in their working place. Happy people get lots more done!



5 This is Junior Alumni!

Andrew Bond

Role: Registration

Student:

Denmark 2016

Student/organiser/

leader: USA 2017,

Austria 2018. Alumni: Turkey 2019



I grew up in Oregon, in the US, and I am 20 years old. Currently, though, I study computer engineering at Koç University, in Istanbul, Turkey. Whenever I have the opportunity, I love to travel to new countries, or just explore somewhere new around me.



Benjamin Bond

Role: Global forum and project session support

Student: Denmark 2016

Student/Organiser/Leader: USA 2017, Austria 2018, Turkey 2019

I'm from Oregon, USA. I'm studying Economics with a focus on finance and econometrics at Koc University in Istanbul. I'm fascinated with international economics and developing economies. I love travelling the world and experiencing new cultures. I'm currently learning Turkish.

Atika Rahma Putri

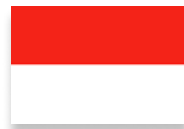
Role: Chairing

Student: Austria 2018, Turkey 2019

I am a second-year Psychology student at the University of Indonesia.

I mainly learn about how or even why people think and do something, as well as learning about ourselves. It is very interesting!

After days of keeping up with hustle as a student, I spend my weekend having fun with kids by volunteering to teach in marginal areas.



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Kazi Talaska

Role: Social Media

Student: Taiwan 2014,
Portugal 2015

I'm currently pursuing a Bachelors in Horticulture Science at Massey University in New Zealand. My degree is all about fruits, vegetables, the environment, and all the ins and outs of the food supply chain. My passion lies in the future of food and the challenges that the industry faces with pressures like climate change.



Alberto Garcia Mtz

Role: Program Design

Student: Portugal 2015,
Denmark 2016,
Austria 2018
Alumni: Turkey 2019

My name is Alberto. I'm 20 years old and I'm studying biotechnology engineering at Instituto Tecnológico y de estudios superiores de Monterrey (Tec de Monterrey). I'm a big fan of Rubik cubes and chemistry topics



Lucy Mainwaring

Role: Global Forum

Student: Hungary 2011,
Netherlands 2012
Alumni: Scotland 2013

I went to college in Aberdeen and studied Early Education and Childcare.

Since graduating as a nursery practitioner, I have gone on to work in local schools and private nurseries. In my spare time, I enjoy reading, scrapbooking, going on nature walks and trying to catch sunsets! I also love photography.



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6 Alumni social media page

“No. matter where you live near or far, Caretaker posting and engaging will remind you where you come from and who you truly are” – Nadia Young

Hello caretakers! I am Nadia Young, the head of alumni social media and apart of the senior alumni committee. Due to the rescheduling of the 2020 conference, the alumni team returned to help Caretakers Indonesia and found that this conference, in particular, requires new creative ways to communicate amongst all caretakers.

With the help of the 2020 conference host, alumni reintroduced the idea of an online presence. Through various alumni meetings, the senior alumni adopted a plan to market the next conference and advertise our newly cultivated?? website Alumnicei.org.

We thought it was a great space to hold environmental conversations and respond to caretakers' questions. With the help of our website, future and past caretakers were both able to follow our social medias and this gave them access to conference information, including registration links. Our online presence allows people to find information on speakers from the pre-conference and will sustain conference attendance for the years to come. With the help of the junior alumni and future alumni, we will create a welcoming platform for all to interact in a series of environmental challenges which will include outdoor selfies, sustainable cooking, and ecological protection short films.

Social media activities

Catch us on

Instagram: @imacei

Twitter: @IMCEI



Nadia

Head Senior
Alumni Social
Media



Kazi

Assistant Junior Alumni
Social Media



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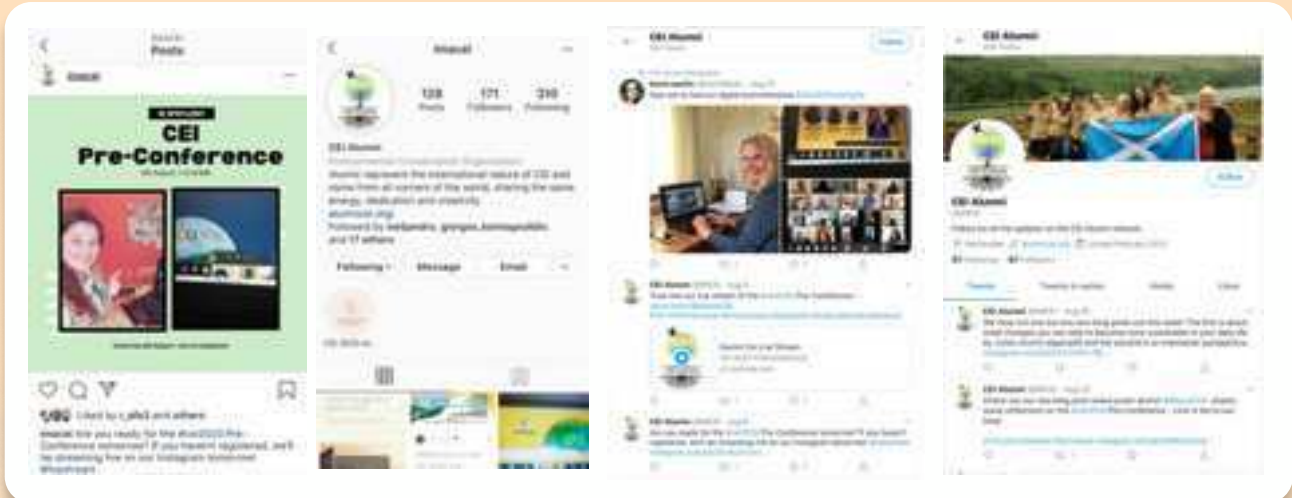
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CEI Alumni Website

Laura Manages the CEI Alumni Website

Catch up on all the latest hashtags, happenings, and all things conference related.



Make sure to check out the CEI Alumni website at: <https://www.alumnicei.org>

This website is your go-to for finding out all about the Alumni, past conferences, FAQs on current and upcoming conferences, forums, blogs and much more!



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Pre conference experience

BEN

The virtual pre-conference (hosted by cei Indonesia) marked the beginning for the CEI 2020 journey. Over 300 students, teachers, volunteers, and alumni tuned in to listen to the conference hosts and speakers. This was a massive achievement. It was a show of unity that despite the current pandemic, the world's countries can still come together and work on issues that are near and dear to our hearts. The speakers were prepared and engaging. Students showed their participation by asking questions to deepen the conversation

The pre-conference served as a great stepping stone for the organising team to learn from. Overall, the feel of the pre-conference was one of curiosity. I cannot wait to see how vibrant the community will be once we are able to involve everyone in this wonderful experience.

By Benjamin Bond (CEI USA)

NADIA - SPEAKER PERSPECTIVE

2020 has been filled with many trials and tribulations, but being a part of the Caretakers community has tremendously helped me stay afloat. With all my studies being turned into remote learning and my small business/commercial sales being



interrupted due to statewide quarantine in the US, the first Caretakers committee meeting brought me back joy. I was asked by the conference host to present my Caretaker story and the journey I am on today at the Preconference. I was truly honored and excited to represent Chicago. On August 8th with over 300 participants on the call, I spoke about the importance of self-maintenance and how to create a sustainable hygiene routine. I loved having the ability to prerecord my presentation alongside answer questions live. I was able to get immediate feedback and responded to any Caretaker concerns.



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This was the first CEI pre-conference and I believe it needs to be added into every future conference. I had the platform to provide knowledge on my studies and give a sneak peek to the workshop I will host during the main conference. I created lifelong friendships from the CEI conferences. Joining the alumni team gave me the responsibility to help students, no matter how near or far, create friendships with conversations of topics we're all passionate about. We're all here to celebrate our diverse ecosystem. I know with Caretakers like the ones I have had the honor to work with, we will make this Virtual Conference one to remember.

By Nadia Young

(CEI USA/Senior Alumni/Pre Conference Speaker)



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7 CEI INDONESIA volunteer

I've done some volunteering works in the past and I was so excited when I got the chance to be part of the CEI. I personally think this event should go even more worldwide so every school can participate because I think CEI is really inspiring and young people should be more aware of these issues. When I first got the news that I could be part of the team,I'm starting my first semester this month but I really hope I can give as much time as I can because I know I need this experience for myself and my future. And as young people who will lead this world to a better one, I have the obligation to educate myself about this sustainable development to achieve that goal.

Emilia – CEI 2020 Volunteer - UI (University of Indonesia)



Overall, I felt that the experience of volunteering for the CEI 2020 pre conference program was very enriching as it helped me develop my skills and strengths, both on social and educational aspects. Although I admit that it was stressful having to balance both my CEI workload and my school workload simultaneously, I feel like it was worth the stress it took and I'm very thankful for this opportunity to help with the CEI 2020 pre conference.

Banyu – CEI 2020 Volunteer - SBR (School of Bogor Raya)



I've been through a lot and dealing with not only CEI work but also school work and its tough but it's okay because I want to enjoy a new experience with you all. I know by the end it will be all worth it and people will be happy of what we made together

Landry – CEI 2020 Volunteer - SMX School of Maker



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In this situation of global pandemic, organizing an international event is not an easy task nor impossible. For me personally as a volunteer at CEI 2020 Virtual conference, I am facing a task that is new and challenging, like designing a website, which I have never done before. But in the end, with this event, I can make many friends and experiences that is rare for a young student. I'm so happy that I can do tiny things that can make earth a better place for you, me, and the whole of humanity

Ridwan – CEI 2020 Volunteer - SMX School of Maker

I've had a lot of experience on doing events in the past, but surely CEI 2020 virtual conference gonna be my hardest task yet, managing time between college and the event is a tough challenge but it's really fun as well.

Nico – CEI 2020 Volunteer - Alumni SMX School of Maker

Being a part of the CEI Pre-Conference team is a great experience, as you're working with a very creative team and the working environment is very supportive. My teammates and mentor are such great companions to have, don't forget the great speakers and their interesting themes. It has enhanced my skills. I can't wait to be a part of CEI Virtual Conference!!

Naima – CEI 2020 Volunteer - SAI (Sekolah Alam Indonesia)

It was interested and challenge for me to take part as a volunteer, even though I have to manage my college and the event

Eda – CEI 2020 Volunteer-
Alumni Citra Alam Senior High School
UNS (University of Sebelas Maret)



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

8 Advisor

Wayne – Preparing for the CEI 2020 Virtual Conference experience Caretaker's Conference – Finding Your Environmental Action Pal Thirty-three years ago, you found your global friends through the Pen Pal program. Joining our Caretakers Conference will enable you to find your Global Environmental Action Pals through the planned sharing and team building activities during the conference. You can join our free sharing conference activities while exploring together the possibilities awaiting you.

During the preparation for the conference, Caretaker conference activities are being developed by the technologically knowledgeable Senior Alumni leaders under the direction of the conference chair and organising team of CEI Indonesia. Caretakers continues to be led by our all-volunteer board and all volunteer alumni team.

The key highlight educational activities of the past 33 conferences are being refined and will be presented in online participation form during the 5 days of the conference. I will be looking forward to greeting you online during the conference.

By Wayne Schimpff (CEI Chicago)



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

9 Full Project

“ Reyval(F)youth “

clothing business for environmentally friendly campaigns

1

School/ organization:

CITRA ALAM SENIOR HIGH SCHOOL

Delegation leader/teacher:

ARY TRISNA OKTAVIERASASI

Students: M. Naufal Hanif Saputra,

Reyhan Irfansyah, Safina Radhinda Salmaa

Partner organization: Saung Palakali Creative Art

Project title: “ Reyval(F)youth “

clothing business for environmentally friendly campaigns



Waste is still a growing environmental problem, particularly the use of single-use plastic packaging among the youth. They still consume a lot of food and drinks with plastic packaging or packaging that is difficult to decompose, such as styrofoam. Actually, the community understands about environmental problems and how to solve them, but doesn't care to get involved, feel bothered, feel like they don't have time, or feel that they don't really matter.

Therefore, we will campaign in ways which they can be easily involved, namely the campaign about waste through t-shirts. Through the t-shirts they wear with unique designs about the waste campaign, we will project design ideas: current environmental issues, calls to think and act, unique illustrations, and other messages through t-shirts. With this easy way, we hope that more and more people will be positively inspired and start to take real action, to be involved in minimizing waste in the immediate environment.



“ Reyval(F)youth “

clothing business for environmentally friendly campaigns

We turned this environmental campaign into a business, social entrepreneurship. We made a "green movement" package in the form of sales : t-shirts, bookmarks, plastic replacement cloth bags and additional workshops on upcycle products.

We collaborate with the arts community which is engaged in concern about waste, and focuses on empowering waste, through art and design products. This community has a tagline that, recycling is the last solution, when garbage is still there. Minimizing waste remains a priority, and reusing is the next step.



We do many workshops on zero waste, in several schools, communities and cities. Then we also intensify it through t-shirt sales. Proceeds from sales of t-shirt packages are pougheed back to produce more t-shirts and for environmental workshops.



Reyval (F)youth



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

Toso

2

School/ organization:

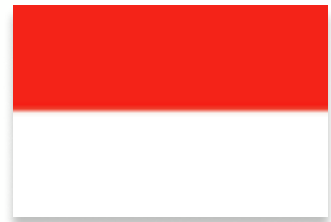
Sekolah Azzakiyah Islamic School

Delegation leader/ teacher: Ayu Sinta Ramadani

Students: Fadhel Muhammad, Luthfi Abdi Zuhairi,
Muhammad Aran Nabawi, Muhammad Habibi Al-Ichsan

Partner organization: -

Project title: Toso



INDONESIA

According to data from the Ministry of Environment and Forestry, Indonesia produced up to 65 million tons of waste in 2016. Household waste or domestic waste can be divided into dry waste and wet waste. If every family can separate the waste they produce into at least dry waste and wet waste, irregular waste disposal will reduce and, hence, so does the environmental pollution. Disorganized waste disposal (out of place) has become a habit of most Indonesian people. In fact, it becomes one of the causes of environmental damage and inconvenience to themselves. It can happen in two ways. Firstly, many people still don't throw away garbage in the correct place. Secondly, many people also still do not care about littering that they can find in many places. Both result in environmental pollution. We, as residents of the city of Medan, want to play a role in reducing some of the littering problems, especially among students at the elementary school. It is important because they will become the nation's next generation. We did an study at one of the elementary schools in the city of Medan, namely Pelangi Elementary School on 04-10-2019.



Toso



We wanted to see the students awareness in the elementary school of discarding garbage. During the observation, we saw that many students had the awareness to throw away garbage in the correct place, but there are also students who have not had an awareness to throw away garbage in

the correct place. What we found in our observation was confirmed by the information we obtained from the Deputy Headmaster of Pelangi Private Elementary School. TOSO triggers positive behavior changes. To change a behavior, in this case from negative to positive behavior, a person needs a kind of trigger that can encourage him or her to change his or her behavior. This also applies to elementary school students. We developed an automatic trash can, and we name it TOSO. We believe that TOSO is very suitable to trigger elementary students to throw away garbage into TOSO. Equipped with a proximity sensor, TOSO will detect the presence of someone approaching TOSO and it will automatically open. It will, then, automatically close as the person move away from TOSO. This mechanism will make students find it very easy to discard garbage into it. TOSO is also designed with bright and unique colors which will attract students to use TOSO. TOSO itself is made from used materials. TOSO is also easily replicated and the replication can be widely developed in schools in Medan particularly and in Indonesia in general.



Toso

THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia



Styrofoamers

3

School/ organization: SMP Sekolah Alam Bogor

Delegation leader/ teacher:

Paramudhika Swhanadinata Sunarya

Students: Siti Fadhilah Setyowati,
Nadia Ailsa Diyanti, Arifah Khairunnisa

Partner organization: Jaringan Sekolah Alam Nusantara

Project title: Styrofoamers



INDONESIA

Styrofoam is an object commonly used by the public as a container for food wrapping, because it is heat resistant and lightweight, so it is very popular with the public. The use of Styrofoam in Indonesia has reached 700-800 tons per month, which is equivalent to 17 Boeing 737 aircraft. The large amount of Styrofoam waste found in the environment actually causes new problems, the content contained in Styrofoam such as benzene, carcinogen, and styrene, in food wrappers can cause various diseases for health from anaemia to cancer and also Styrofoam cannot be degraded in the environment. Therefore, one way to reduce Styrofoam waste is recycling Styrofoam.

Styrofoamers exists as a project that seeks to reduce Styrofoam waste in the community, by processing it into useful crafts such as photo frames, pencil cases, fridge magnets and others. In this project, we combine styrofoam waste that has been pulverized into small sizes with paper waste so that it not only reduces Styrofoam waste but also reduces paper waste which has a lot of instructions in the community.



Styrofoamers



We hope that this Styrofoamers project can reduce Styrofoam waste in the community and can also increase the selling value of styrofoam waste that was previously worthless and damaging to the environment into something that has selling value and is able to hone the creative side of students who practice it at school. The Styrofoamers project will then make Styrofoam drop boxes to accommodate the Styrofoam in the community to be processed by us in making crafts and also educating the public to replace Styrofoam containers with the simple step of bringing your own container.

Styrofoamers



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Amphibian Trash Cleaner

4

School/ organization: Sekolah Alam Indonesia

Delegation leader/ teacher: Rizki Akbar Siboro

Students: Naura Hilyatul Auliya, Kaoru Hurin Nafisah M, Shabina Kifah Amany

Partner organization: Jaringan Sekolah Alam Nusantara

Project title: Amphibian Trash Cleaner



INDONESIA

The purpose of this research is minimizing plastic waste that is focused on the gutter. The researchers took the word "amphibi" from the animal "amphibious" that lives on land and water, so this machine can be used on land or water. The initial problem with assembling this machine is the clogging of waterways around the school which is caused by there being some rubbish that becomes a pile and mixed with a little sand. Therefore, the researchers propose to assemble an amphibi device. This research was carried out through several stages. The first stage, was to identify environmental problems around the school. The next step is to explain the name of research and function. The next step was, preparing materials and tools, and assembling /gathering the research. Next step is testing the Amphibian Trash Cleaner. The final step is to complete the research report.



*Amphibian
Trash
Cleaner*



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Eco-Friendly Aromatherapy Air Pollution Neutralizer Mask

5

School/ organization: Sekolah Alam Indonesia

Delegation leader/ teacher: Syofiyani Budiarti

Students: Rizka Margi Astuty , Fatimah Azzahra Ghaisani,
Qanitah 'Azimah Raihanah, Athifa Rifqah Mujahid

Partner organization: Jaringan Sekolah Alam Nusantara

Project title: Eco-Friendly Aromatherapy Air Pollution
Neutralizer Mask



INDONESIA

This mask is made from fabric waste, carbon active sheet from coconut shell, and aromatherapy from the orange peel that is used for neutralizing air pollution. The air quality in Indonesia, especially in Jakarta has once reached the Air Quality Index (AQI) around 170 with a concentration of $92\mu\text{g}/\text{m}^3$. This AQI in Jakarta surpasses the WHO standard, $25\mu\text{g}/\text{m}^3$. Nevertheless, Indonesia is a country that has many natural resources, including coconut and orange fruit. These masks use orange peel as a source of aromatherapy, orange peel waste was extracted by maceration method to be aromatherapy, cotton fabric waste was taken from the clothes factory near our school, and coconut shell waste was processed by pyrolysis method to be made into carbon active to reduce air pollutants. This eco-friendly mask combines carbon active and aromatherapy sheets. Our design is based on a mask that is already in the market but we made some modifications by adding a belt on behind the mask for easier to use, some pockets for the filter, and aromatherapy. Based on the survey, results obtained were



Eco-Friendly Aromatherapy Air Pollution Neutralizer Mask



categorized as a comfort level of 75%, ease of use of 80%, and aromatherapy of 60%. From socialization, students favored this eco-friendly aromatherapy mask. We hope this mask can contribute to reduce the harm of air pollution on health and reduce trash from disposable mask waste. Based on the survey, results obtained were categorized as a comfort level of 75%, ease of use of 80%, and aromatherapy of 60%. From socialization, students favored this eco-friendly aromatherapy mask. We hope this mask can contribute to reduce the harm of air pollution on health and reduce trash from disposable mask waste



Eco-Friendly Aromatherapy



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Portable Power Generator

6

School/ organization: Sekolah Alam Indonesia

Delegation leader/ teacher: Zamroni

Students: Prayata Tyaga Dimas Sudibyo, Azka Raditya,
Mahara Damar Farabi, Rafah Syakur, Zaki Musyaffa Abiyyu

Partner organization: Jaringan Sekolah Alam Nusantara

Project title: Portable Power Generator



Abstract Portable Power Generator (PPG)

By: Dimas, Zaki, Damar, Rafah, Azka

Portable Power Generator (PPG) purpose is to generate power in places that lack electricity. PPG uses water, wind, and solar panels to generate electricity. They can use PPG in areas with minimal electricity sources, such as in the forest and villages.



Indonesia consists of cities and villages, where some villages in Indonesia do not have electricity or electricity shortages; besides villages, Indonesia has many mountains to climb. When someone is trekking, they bring many devices that need electricity, and when these devices run out of the electricity, PPG comes in. Only about 80% of Indonesia's population has access to electricity; on the other hand, approximately 20% of Indonesia's population has no access or stable electricity. PPG uses three elements: Water, Wind, and the UV from the sun, and can be stored on a battery or used directly on their device. However, power is limited.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Portable Power Generator

The size is small so that they can use it quickly. (does this mean the generator is small and easily carried/portable or is the power used up quickly?) The PPG is like



a rectangle; it has 1 USB port; the battery max capacity is 8,000 MaH. There is one piece of the dynamo, and the water & wind spins the blade to make electricity. There is a solar panel that uses the UV from the sun to produce electricity.



The casing uses a material called metal to cover the stuff inside it.

Portable Power Generator



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

A Story for Earth

7

School/ organization: AB HOME

Delegation leader/ teacher: Setyo Budi

Students: Ethereal Laudia, Hanna Chairunnisa Qisti,
Rahimah Nurul Izzah

Partner organization: CPROCOT

Project title: A Story for Earth



INDONESIA

Nowadays, waste has become a crucial problem in urban areas. The production of waste is increasing every year. However, since the government of Bogor applied the regulation which prohibited the use of plastic bags in supermarkets, Bogor has reduced its waste from 600 tons each day to 480 tons, of which 0.5



ton is plastic waste. We notice that although the amount of waste, especially plastic waste, is decreasing, there are many environmental issues that still exist. According to the facts in reality, We conclude that people's bad behavior of littering is one of the biggest causes of those problems. By this project, we engaged people to reduce, reuse, and recycle through an illustrated book for kids aged 3-9 y.o about the dangers of plastic for earth and water. We believe kids around that age can learn and absorb the knowledge that we try to convey, faster.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

A Story for Earth

We also persuaded their teachers and parents to include spreading our message, by reading our illustrated book together with their kids at home. Last but not least, in order to expand our audience, we ran a social media campaign through instagram and we made the e-book version of our illustrated book, so that everyone can access our book easily. We hope that this book can be the guide for basic learners about plastic waste and also can be helpful media for people who wants to spread the same awareness as ours.



A Story for Earth



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

"Saku Tangqu" (Sampahku Tanggungjawabku) project by making ecobrick (an environmentally friendly brick)

8

School/ organization: SMP ALAM AR RHIDO

Delegation leader/ teacher: Wahyu

Students: Aruna Bhisma Untoro Mukti,
Naufal Aziz Raditya, Muhammad Wajihan Muqorrobin

Partner organization:

Project title: "Saku Tangqu"

(Sampahku Tanggungjawabku) project by
making ecobrick (an environmentally friendly brick)



INDONESIA

CEI Project of SMP Alam Ar Ridho

This project began from our anxiety about plastic waste which has not been managed properly, as well as the people around the school who are still littering. However, our household waste has the same condition. Almost all plastic waste ends up burned and then become dangerously toxics.

If they scattered around the soil, they

will be break down into dangerous small particles. They also possibly cover up the ground causing the soil bacteria to die and making infertile soil. All of the impacts from the lack of awareness about the plastic waste danger make us worried and disappointed. The awareness process about plastic waste needs quite a long times. This process needs continued actions and accompaniment because it is not easy changing people directly.



Therefore, we started the "Saku Tangqu" (Sampahku Tanggungjawabku) project by making ecobrick (an environmentally friendly brick).



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

"Saku Tangqu" (Sampahku Tanggungjawabku) project by making ecobrick (an environmentally friendly brick)

Why is it ecobrick? Because ecobrick is the simplest and the smallest way but it has big effect. Simple, it is only made by putting the plastic waste into bottles. Small, it only needs little effort. Nevertheless, it gives big effect to the environment because of the plastic waste decrease.



The aims are to increase student's awareness and responsibility related to plastic waste danger and to manage plastic waste by making ecobrick. This project is an advanced project from the Saku Tanqu project taking place at school firstly. In making the ecobrick, students will practice individually at home. The report will be monitored regularly. Each student must put their own plastic waste into bottles to make ecobricks. Keyword: ecobrick, plastic waste, plastic waste danger.

"Saku Tangqu"



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

Multipurpose coffee grounds

9

School/ organization: Sekolah Alam Bengkulu Mahira

Delegation leader/ teacher: Lisna Junita

Students: Mahira salimah, Nichel al fathah.s,
Nabila Anggun Gumilar, Fiana Annisa Liding Kuta,
Muhammad Dzaky Davio

Partner organization:

Project title: multipurpose coffee grounds



INDONESIA

Bengkulu is one of the best coffee producing provinces in Indonesia. Based on the Center for Agriculture Data and Information System (2017) Bengkulu produces Robusta coffee reaching 54.92 thousand tons per year. The achievement of the results of the cultivation of coffee turned out is directly



proportional to the number of Coffee shops in this Raflesia Earth. Based on the results of observations and interviews with several existing entrepreneur's coffee, shops, we found problems regarding waste in the form of coffee dregs that were wasted. In addition, the caffeine contained in coffee grounds can act as a Vasoconstrictor which means to tighten and shrink blood vessels (Agustiniingsih, 2017). In another study, Yulia & Niken (2015) stated that coffee grounds have antioxidant activity, which contains antioxidants of 3.88% with 16.01% inhibition of antioxidant activity. With the many beneficial substances in the coffee grounds, we are interested in making products that are environmentally friendly and without chemical mixtures by optimizing natural ingredients.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

multipurpose coffee grounds

We optimize coffee grounds into a variety of products, including air freshener and anti-fungal. We summarize all that in the product "Multipurpose Coffee grounds".

This project has been running since 3 months before the Covid19 pandemic started and has gone through the process of

making many products. In the current pandemic, there are several projects that have been planned, namely: by holding a meeting or sharing season with the target of young people and the purpose of holding the meeting is to educate young people about the importance of maximizing the use of coffee grounds which have great potential.



coffee grounds



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Recharging Aquifers

Through the Implementation of Permeable Pavements

10

School/ organization: Instituto Escuela del Sur

Delegation leader/teacher: Huitzilihuitl Moctezuma Mendoza

Students: Andrea Cisneros Guadarrama,
Javier Vega Sandoval, Sofía Arriaga Galicia,
Ana Paula Marín González and Santiago García Martínez.

Partner organization: Alcaldía La Magdalena Contreras, Ciudad

Project title: Recharging Aquifers Through the Implementation of Permeable Pavements



MEXICO

The project seeks the implementation of permeable pavement into our community, Mexico City as a way to achieve certain sustainability in our country.

Mexico City is known to be a former lake bed, in which a society arose by the intervention of the lake's nature in order to provide optimal

conditions for a city to expand. However, a rapid development has led to an important conflict related to sustainability, focused on the damage to hydrological systems, forcing the city to slowly take on aquifers in the surrounding area to distribute water, leaving behind a destruction of water reservoirs.

Pavement implemented on most construction sites, is designed to be non-permeable to increase its load capacity and durability, but without taking into consideration the possible consequences on the loss of green areas as water infiltration zones.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

Recharging Aquifers

Through the Implementation of Permeable Pavements

To help bring a balance into water distribution, our delegation proposes the implementation of permeable pavement instead of the traditional one (non-permeable to maximize the load capacity) as a way to promote water infiltration into the aquifers, as well as a way to partially reduce global-warming effects on our city.

Once we obtain an optimal formula, our main objective is to apply it into our school

win flood-prone areas and then take our proposal to the next level for it to be implemented into Magdalena Contreras township on low-load areas such as sidewalks, parking lots, etcetera.



Recharging Aquifers



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

What different plastics do we use and how is marine life affected by plastic

11

School/ organization: Öresundsgymnasiet Landskrona

Delegation leader/ teacher: Karin Warlin

Students: Amra Asani, Katarina Cvjetinovic, Lina Ahmad, Zainab Al-Faraijy

Partner organization: Elementary school, Municipality of Landskrona, newspaper

Project title: What different plastics do we use and how is marine life affected by plastic



SWEDEN

We are going to do a presentation about plastic waste in the oceans and how it affects marine life and how we as highschoolstudents can fight the problem with plastic waste in the oceans. In the presentation we are going to answer questions like: What is plastic and how is it made?, How does the plastic end up in the ocean? How does it affect marine life?



What are the consequences of plastic waste and how can we recycle it? and much more. We will also bring up different people and organizations that have done amazing and inspiring work. We will tell some about the Ecoschool-work that is active in our school. In our presentation, we will mention a site called Young masters programme – an online internetcourse for highschoolstudents about ecology, environmental problems and sustainable development.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

What different plastics do we use and how is marine life affected by plastic



All 4 of us are taking the course this year. It is free of charge and has been available since 2001 and students from many countries have taken it. We will encourage more people to use it. All these are examples of digital solutions for a sustainable future.

After that, we will also mention our

future plans and how we are going to continue fighting for environmental issues during COVID19 and enlightening young minds about different environmental problems.

What different plastics do we use



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Eyewear for Africa

12

School/ organization: Szramek High School

Delegation leader/ teacher: Bożena Kurzeja

Students: Jakub Filipecki and friends from SHS

Partner organization: -

Project title: Eyewear for Africa



POLAND

In 2012 Iwona Filipecka, a specialist of eye diseases, went to Africa as a volunteer to examine the sight of young people in Cameroon. She has been going to Africa since then. A few years later, she has set-up a foundation that sends volunteers to Africa, it's called "Okuliści dla Afryki" which means "Ophthalmologists for Africa".



The foundation made national collections of used glasses from regular people who want to help in that way.

Szramek High School was a partner of the 3rd National Collection of Used Glasses "Eyewear for AFRICA", organized by the Ophthalmologists for Africa Foundation with its base in Katowice.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

Eyewear for Africa



The purpose of this charity collection was to collect used corrective glasses and sunglasses, which will go to people in need in African countries during medical missions organized by the Foundation.

Main problem. The collection in Poland lasted from the 10th to 25th

September and met with a great response. The glasses were donated mainly by individuals. Communal kindergartens and schools also joined in the action. Some of the corrective glasses collected were not scratched, broken and cracked.

Solution. That's where we, regular volunteers, who aren't even in the foundation, which, by the way contains 19 of them. We unpack them, segregate them for the good ones and those which are damaged, clean them and check the type of the refractive error. We went as volunteers to segregations of those glasses, which came to us in some big boxes. Some segregations are made with more specialized technologies, so by optometrists or people who were taught used the machines.

But it wasn't only those from our school, there were a lot more of them. But the persistent team was bravely segregating those glasses! And due to this and the hard work of other volunteers, more people in Africa can see now! Maybe you're not a superhero in a cape



and You can't fly, but imagine people who can see once more or who had some big sight problems, and now are able to see their surroundings!



Sustainable Bond Between People in Need and Volunteers

13 School/ organization: TED İstanbul College
Foundation Private High School
Delegation leader/ teacher: Nurten Mersinlioglu
Students: Şevval TUNAR
Partner organization: G(irls)20
Project title: Sustainable Bond Between People
in Need and Volunteers



TURKEY

In social media, women are portrayed as wasteful, endlessly consuming individuals. To change how women are portrayed and see themselves in our society; we would need to integrate deliberative women into our social media.

In the past years, Turkey had very beneficial 3R (Reduce-Reuse-Recycle) traditions. However, with the era's understanding of consumerism, we abandoned most of them and overconsumption occurred. Our elders were taught how to use limited resources efficiently; they could make cheese out of spoiled milk, dry excess amounts of fruit, and get dried fruit to consume at a later time. They could make fertilizer from organic waste to use them in the garden, repair old organic waste to use them in the garden, repair old clothes instead of chucking them out. They almost didn't need trash bins.

My grandmother's generation impressed me a lot with their conscious usage and recycling traditions. Unfortunately, I can't say the same thing for my generation. We are about to lose these beautiful habits. My solution to this problem is to r



Sustainable Bond Between People in Need and Volunteers

revive these traditions by gathering different generations in one place to talk about how to reduce, reuse and recycle. With social media, we can transmit their tips and experiences to the community.

To make this project real, I am working with girls 20 which is a nonprofit organization based on Canada.



Their vision is a world in which girls and women can participate fully in the economic growth, political stability and

social innovations of their countries. We are working actively right now. We recorded recycle videos and shared tips on YouTube and Instagram.



Sustainable Bond



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Catch Me if You Can

14

School/ organization:

Queen Elizabeth School Old Students'
Association Secondary School, Hong Kong, China

Delegation leader/ teacher: Wong Chi Fai
(Thomas Wong)

Students: Lo Cheuk Ling, Chan Ching Wa Huang
Cheuk Ying, Ng Wing Hei, Yu Siu Fai

Partner organization: -

Project title: Catch Me if You Can



As fruit flies cause severe problems by stinging fruits and vegetables and cause economic loss to many countries, we did an investigation to find out an effective and environmentally friendly way to deal with the problems.



Basically, fruit flies will be attracted by colour, physical structure, smell, nectaries and insect guide. Therefore, we hope to use these “attractants” to set traps to catch the fruit fly. The effectiveness of each attractants was studied first and then effects of different combinations of different attractants were also studied.

From our study, LB(food) showed greater effectiveness of attracting fruit flies than taste and fluorescence. For combinations of different attractants, green fluorescence with pink vertical stripes showed better attraction to fruit fly. To test whether the method can be used in households and farmlands, we had done a field test in an organic farm.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful Indonesia

Poetry for Nature

15

School/ organization:

SMM Yogyakarta

Delegation leader/ teacher: Desi Arti

Students: Hedwigis Nada Candra Kartika,

Maria Angelita Dian Putri,

Keysha Diva Azzahra Putri Santoso

Partner organization: CEI Indonesia

Project title: Poetry for Nature



INDONESIA

Etchestra means ethnical orchestra, and its music characters emprise ethnical music element. As we know, in this pandemic era we should consider obeying the health protocol. It's really important to avoid. But it's really hard since we are orchestra player. Usually, as a music school students we practice orchestra together. But nowadays we should stay at home. However, it didn't stop us. It all started, when our arranger, Leonardus Nandana engaged the players to make a virtual concert and upload video on the internet . And we're very grateful that we had a chance to collaborate with CEI. The CEI anthem itself has focused lyric about environment. Therefore, we want to show and invite people to love our beautiful environment, with keeping and caring for it. To clarify the meaning to this song, we add some scenes like a person with surprised expression, someone who litters, then there also people who to care about environment and put trash in the bin to save our environment. Hopefully our intentions will be well received by many people.



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Catch Me if You Can

For the follow up experiments, we decided to conduct more field tests to confirm the effectiveness of attracting fruit flies and find out the most attractive combination for fruit flies by referring to the ingredients in LB. Therefore, we can design a fruit fly trap.



By comparing our method with other fruit fly control methods, our method is more environmentally friendly. Our experimental devices can be reused while the commonly used methods such as yellow sticky paper and bagging the fruits causes waste. The attractant we used does not cause pollution while the use of pesticides causes soil pollution. Our method seems more flexible as

our device can be used at any time, any places and various sizes depending on the fruits or vegetables we want to protect.

Catch Me if You Can



THE TRANSFORMATION TO A SUSTAINABLE PLANET

Beautiful *Indonesia*

Poetry for Nature



Poetry for Nature

By Etchestra

I've got such kiss by the sun in the morning
Warble by the birds
Sprinkle of water, create such beautiful melody
With dew drops on the leaves
Simple things that Completes the earth
And All of this, a part of miracle

The Earth is our home
But Sometimes, we forget the role on protecting our Earth
The destructions, the ignorant hands
The blinded purposely eyes, and the closed heart of what happening
Now, Let's open our heart and realize how wonderfull the earth is, if we take care of it
The Place we spend time
The Place for us to live
Live, to take care of the things that helps us live
From our heart to our earth



THE TRANSFORMATION TO A SUSTAINABLE PLANET

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10 CEI branches



Fredrika Axelina Viberg
Secretary of CEISE
Swedish branch

1 CEI Sweden in 2020

CEI Sweden has, as far as possible, continued its important work for sustainability and towards a better environment including during the outbreak of Coronavirus. The social channels of CEI Sweden have been frequently updated, the board meetings have been held online and the cleaning up actions by the coastlines are planned to continue. CEI Sweden wish to highlight the importance of taking care of the nature - especially in difficult times, and to continue its important tasks about paying

attention to global environmental days such as the World Clean Up Day, International Animal day, World Biodiversity Day etc and to continue its dialogue about sustainability and environmental challenges across national borders.

Reaching for a dream....

As a child I never thought that I would be one of those people that inspires others through my work. It was a dream that felt very distant. However, because of amazing teachers in school and inspiring friends I got the courage to reach for my dreams and keep working with what I love and believe in. Being part of CEI has given me the opportunity to meet and cooperate with people in different age groups who work for the same cause: a sustainable future for all.

Maybe you would like to know what I do?

Here are five events from the last 12 months:

I held a TED-talk about the importance of Sustainability in the Early Schools Years and why we should use the SDGs in education.

I had a lecture and workshop about the SDGs for international students at Malmö University.



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The Swedish Center for School Biology and Biotechnology published an article about a science project I completed with my students.

Swedish Educational Broadcasting Company invited me to a debate about the SDGs role in primary school education and I got to influence their future SDG series for primary education.

I started my Instagram account, Sustainability in School, where I write in English about how my colleagues and I work with sustainability in education.

I believe that if we encourage more students and give them the opportunity to show what they can do then reaching the SDGs won't be a problem. That is what my teachers, friends and CEI have taught me.

by Vildana Basic

Natural science, a mandatory course in all Swedish high school programs, focuses on humans and nature. When teaching this, I always include projects where the student groups consider environmental problems and try finding solutions, thus making an impact. Some examples:

Earth Day 22nd of April. This school year we decided to do our Earth Day projects a bit earlier. It turned out to be good, considering the schools closed in mid-March and we had distance education after that. So, in mid-January, after having learnt about Ecology and Environmental problems, the students began their projects. Here are some examples:

Visit grocery stores, write down where vegetables and fruits come from, calculate the transport distance in km, ask customers if they reflect on buying groceries in a climate-smart way.

Find out how much of our food that is dependent on pollination by bees. Take pictures, study what problems that bees face these days

Cosmetics – what ingredients may be harmful? Go to stores – look at the ingredients list in cosmetic products - how many contain plastic? parabens etc?

<https://www.landskronadirekt.com/2020/04/21/earth-day-firas-digitalt-i-ar/>



How can we use social media to spread environmental awareness? They contacted a famous blogger Penny Parnevik, persuaded her to write about environmental issues. They have also contacted, famous football players, singers and also the Swedish king and informed about Earth Day (and yes, they got a nice answer 😊)

What do environmental logos mean? Ask people in grocery stores if they know them – if not – teach them!

Innocarnival: An Innovation-competition connected to UN 17 goals for a sustainable future, organized by Malmö city. Öresundsgymnasiet had 5 competing teams and their inventions were to find new ways to use the Sea as an energy source. A huge Invention-carnival was planned, with presentations, workshops, etc., in April – cancelled due to Corona. One group was in a digital final though and pitched their idea for a jury.
<https://www.landskronadirekt.com/tag/innocarnival/>

Young Masters Programme: an international online course (for free) about sustainable development <http://www.goymp.org/en/frontpage>

If you are interested in hearing more about this (we have done many more projects like this) so feel free to contact me.

// **Karin Warlin**, Öresundsgymnasiet, CEI Swedish branch
karin.warlin@gmail.com



2 CEI India

CEI- INDIA celebrating WORLD ENVIRONMENT DAY on 5th June 2020

On the occasion of World Environment Day on 5th June, 2020, CEI India Chapter organized a webinar that eventually translated into an animated discussion full of sharing of valuable insights on the need for preservation of biodiversity, the need for creating a balance



between economic goals of a nation with climatic goals, the 3 sustainable development goals and many more. The discussion was chaired and moderated by Mr. Abhishek Dutt (President of CEI INDIA and Chairman of Indian Assembly of Youth). Entire show was managed and coordinated by Mr. Rajiv Kumar (General Secretary of CEI INDIA and Indian Assembly of Youth) and Mr. Tathagata Chakraborti, Joint Secretary of CEI INDIA was the man who coordinated with distinguished speakers from India. The credit for making it an engaging event goes to all the eminent speakers from different member nations of CEI who chipped in with their precious inputs and insights, all the students, young environmental enthusiasts and educators who were in attendance who actively participated in the proceedings by asking relevant questions on environmental issues which the distinguished speakers took sincere efforts to answer. The educators and young enthusiasts from India expressed their desire to join in the endeavor of CEI India and thereby connecting with the larger cause of environmental protection and sustainability.

In addition to the distinguished speakers from across the world, the webinar had among its participants, distinguished speakers from industries like TATA STEEL (The largest steel manufacturing company of South-East Asia), FICCI (The international board representing India in the corporate forum) and UNICEF India.



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GLOBAL FORUM

Caretakers of the Environment International
a global network for teachers, educators and students

The eminent speakers almost all of them concurred on the point that the Covid 19 came as a blessing in disguise and taught us valuable lessons. Mr. Andrew Cox from Ireland opened the discussion and took us on a trip down memory lane, highlighting the activities of CEI from 1987-2020. The speakers stressed on the importance of taking responsibility for our environment in a proactive manner by



taking our voice upward to the governments and industry leaders rather than remain as mute spectators.

Dr. K.K. Upadhyay (Founder Director, CSR Consultants Inc. and Former Director of FICCI, alumnus of Institute of Rural Management Anand- IRMA) stressed on how, due to rapid economic growth coupled with population growth, the world is eating into its global limits in its use of natural resources and how we are experiencing its adverse impact in the form of natural disasters. These natural disasters caused by rapid climate change affect economy in a big way by pushing up prices of commodities which leads to a wider rift between the rich and the poor. The solution lies in sustainable agricultural practices through political and social co-operation.



Mr. Pradeep Kumar from UNICEF India focused on four key areas viz. food, water, the issue of open defecation and deforestation. If we consume less of packaged food and more of farm products, it'll not only be beneficial to our health but will also take care of the issue of disposal of plastic waste with which the packaging is done. He further stressed on the need for rain water harvesting to tackle the



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the issue of depleting ground water resource. In India there is a need to train citizens on the health hazards caused by open defecation, a practice still prevalent in some places. The need for afforestation can hardly be overemphasized, what with the balance of oxygen and carbon-di-oxide getting compromised due to large scale felling of trees which also lead to soil erosion as collateral.

TATA STEEL foundation is doing a good job in India in the area of cleaning river Ganga. Mr. Gaurav Anand from TATA STEEL sounded a warning note that we should not take Nature for granted. His discussion emphasized on 3 sustainable development goals-



making sure everyone has the infrastructure they need to connect to the world, protecting our coastal zones and oceans and the 5 Rs of how to do it and protecting our natural resources and wildlife.

The video on a poem by Little Ones (8-12 year olds) and the poem read by a young environmental enthusiast from UK Thea Caine were the icing on the cake and gave us reasons to be optimistic of our efforts.



3

CEI Mexico

Challenges in Mexico: Make science part of the culture and take care of the environment

José Antonio López Tercero Caamaño

The contingency of COVID-19 has evidenced, among other things, that people in Mexico and many parts of the world have a challenge in reading science-related information. It is coupled with the feeling that all information needed is available on the screen and they are all correct.

Wrong interpretation could happen when people receive image, data or news, but they failed to distinguish whether the information is true info or it's fraudulent info. Unfortunately misinterpreting information, on the other side directly or indirectly will bring impact on various aspects of human being, for example, the decision to buy something will affect family economy, the use of natural resources, the environment, etc.

Caring for the environment requires people to put their attention on this issue. People who have many ideas and creativity, need to consider economy, social and environmental aspects in their decision making process. With this approach they will be able to care for the environment, respect other living things and at the same time satisfy their needs.

During COVID 19, we are all working at a distance. We use technology a lot. For teachers it brings extra challenge, since they have to transfer information, explain the phenomena and sometimes express their emotion in the process. On the other side, students with their various backgrounds, have all devices in their hands and are looking for new information. There is a need for us to carefully think about the accuracy of all information published around us, and how to teach students to think carefully and critically about all information they received.



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In Mexico, lack of access to electronic media meant people mostly received information from television or radio. However, during this pandemic, we feel that during virtual contact with students, teachers who use technology need to be aware that online class is not about knowledge transfer only, but require teachers to care for students' needs, stimulate students' curiosity and independently try to understand what happens in the environment, how we affect it and how we realize that we need to seek sustainable solutions. The key people to participate in the process, are teachers, family members as well as students. Students are agents of change, so they have to be encouraged to develop their ideas, talents and dedicate themselves to convincing other people to do the same. Their talents and skills are the potential to reach out to people who need it.

Year 2020, and CEI conference is special for us. We got the opportunity to share our projects, our feelings as well as our proposal to people from all over the world. We hope one day we will be able to go to Indonesia, learn about their culture, meeting people and enjoy the country. Let us use this virtual world to make necessary changes for a sustainable world., and start from every single person. See you soon Caretakers.



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4

CEI Malawi

CEI Malawi – Steven Makumba award

Steven Makumba: Malawi's Environmental Leader



Steven Makumba, our fellow Caretaker, has a strong vision that youth are taking a leading role in environmental conservation.

He stated, "I would like to mentor/teach as many as environmentalists as I can to instill a culture of environmental activism in the youth. I believe that if the future generation has more environmentalists, the world will be a better place".

In working towards his vision, Steven has been involved in teaching youth in primary and secondary level on waste management, climate change, wildlife conservation, biodiversity and human wildlife conflict. Throughout his journey, he discovered that it will be hard for people to understand environmental issues if their livelihood is not cared for. Therefore, he also spends time working for community in Malawi's rural areas and developed a key interest in community development and livelihood. Steven is a country leader for Umuntu Movement Malawi. He has a Bachelors degree in forestry, a certificate in Climate change and a certificate in permaculture. He recently received an international certificate for his participation in an environmental leadership program and being able to take a leading role in environmental education.

Steven loves Jazz music, and writing. He plans to link CEI youth with their peers in Malawi. Soon he will start an environmental activist mentoring program. The program aims to mentor youth in areas of climate change, plastic pollution, conservation and environmental management. This will be an intensive program to ensure that the youth end up being environmental activists. EI youth can be involved during these sessions to share their input on how they are working in their schools or community on different environmental issues. Congratulations Steven, we are looking forward to working with you.



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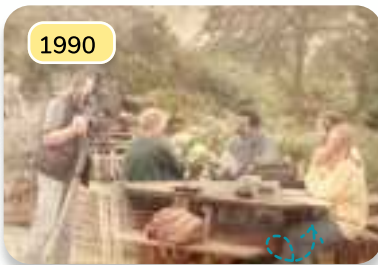
11 Photo montage



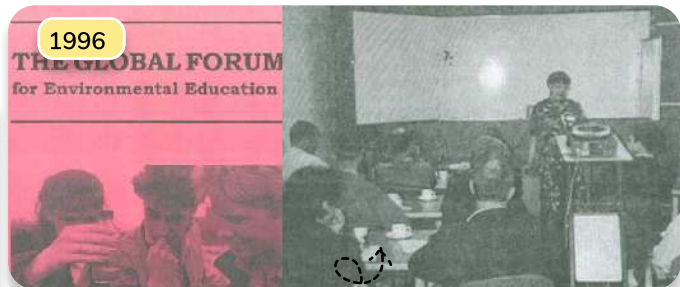
research. Students undertaking research at the very first CEI conference in 1987, Netherlands



media briefing. Caretakers are interviewed by local news outlets about the CEI conference 1989, Oak Park, Illinois, USA. undertaking research at the very first CEI conference in 1987, Netherlands



Zafer (Turkey). Caretakers on the local TV station at 1990 conference in Bristol, UK. Can you spot Zafer Ulusoy of Turkey? in 1987, Netherlands



Students enjoy fieldwork at 1996 conference in Heerlen, The Netherlands. Can you spot Marina Konoplova of Russia?



1998 Clarke Fatima Andrew Arjen. Caretakers meet the President of Ireland! Clarke Houston, Fatima Matos Almeida, Mary McAleese (President of Ireland), Andrew Cox and Arjen Wals (From left to right). 1998, Waterford, Ireland.



1999



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2000

water. Caretakers used to bring a small amount of water from their home country and make a joint bowl of water symbolising our unity as one planet. This was in 2000 at the conference in Lund, Sweden where student delegates presented the water to the King of Sweden!



2001



2002



2003

India delegation at Lake Victoria.. The CEI India delegation listen to a talk on the shores of Lake Victoria, 2003, Kenya.

group. Caretakers love to sing and dance! As they did here in the iconic green t-shirts from Hong Kong, 2007.



2004



2006



2007



2005

The CEI Board attend the 2004 conference in Athens, Greece. Who do you still recognise?



2008



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12 *Fatima* in Memoriam



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Fatima in Memoriam

This year, Caretakers lost a truly great woman in Fatima Matos Almeida. Fatima was not only a board member, educator and conference host but also a dear friend to many of us. Below is an in memoriam for Fatima with memories from different Caretakers and images of her Caretakers journey.

We would like to say a special thank you to Dan Hoynacki for his work in collecting

stories, impressions and photographs which are used here and to all who shared their memories of Fatima. We will miss her dearly. Fatima was and always will be a role model to young people and particularly to young women, as a strong, vocal and passionate leader who inspired us all. Planning the 2015 conference alongside Fatima was my favourite CEI experience and that conference will go down in history as one of the best ever due to the incredible work and energy Fatima graced us all with. I will miss her smile and constant calming presence and strength that she brought to CEI.

"A strong woman looks challenge in the eye and gives it a wink" - Gina Carey.

Jana Cox – [Senior Alumni](#) – [Ireland](#)

"That woman is a success - who has lived well, laughed often and loved much; who has gained the respect of intelligent women and the love of children; who has filled her niche and accomplished her task; who leaves the world better than she found it; who has never lacked appreciation of earth's beauty or failed to express it, who looked for the best in others and gave the best she had." - Unknown

Kate Graves – [CEI Canada](#)



Fatima in Memoriam



Fatima was my mentor in CEI. She was an inspiring and amazing lady. In 2010 when she visited Taiwan for an Earth Charter event, my parents and I had the privilege to know her and she became a friend of my family. Fatima invited Taiwan Ecological Stewardship Association (TESA) to join the CEI 2011 Hungary conference and that's how I

started my CEI journey. Then she encouraged and helped Nancy Tzu-Mei Chen, the leader of TESA, to host CEI 2014. We miss her so much and will never forget her smile, kindness, spirit and enthusiasm for the environment.

Ali, Chou-Li Lin

Projects Secretary, Taiwan Ecological Stewardship Association

CEI Board member, Co-ordinator of CEI 2014 Taiwan Conference

Fatima was the spirit of Caretakers. Her intelligence, friendliness and beauty affected all of us deeply for so many years. Her commitment to youth and the environment was unmatched and inspiring; thousands of young people from all over the world were touched by her presence. As a co-founder of ASPEA, the Portuguese Environmental Education NGO, she became a key figure in the Portuguese EE movement. She will be dearly missed.

My thoughts are with her son Hugo and her daughter Ana, whom many of you also know. Take care,

Arjen Wals, Caretakers Co-Founder

I was shocked to hear early in the morning from my son Arjen that Fatima had passed away. She was a very good friend from the first time I met her in Portugal in 1991 in Lisbon to prepare for the Caretakers conference in 1992 in Portugal. Until now, we had contact first by fax, then by email and the last years by app. Fatima was

such a sweet woman – intelligent – with many good ideas. I will plant a tree for her and participate in a zoom memorial and hope many Caretakers will participate. Take care. **Joke Wals, Caretakers Secretary Emeritus Host of the First Caretakers Conference in the Netherlands**



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Fatima in Memoriam

Unfortunately, this year, which has been unusual due to the pandemic we have been experiencing, was also marked by the sad loss of our dear Fátima Matos Almeida.

Fatima was my compatriot and played a very active role in our community. She was the CEI Vice-President and Treasurer for almost 30 years and she was also member of the board in a Portuguese Association for Environmental Education (ASPEA)

I met her in 2013 through my science teacher from high school, the year I attended my first conference in Scotland

The first impression I had of her was that she was a very rigid person. However, after getting to know her a little better, I realized she was a very professional person, as well as committed, and serious. As a great woman, she always wanted to have everything under control and organized in order to ensure that everything could flow perfectly.

In 2015 she gave me the opportunity to help and assist the alumni Team of the annual conference that took place in Lisbon. It was undoubtedly one of the greatest experiences I have ever had in this organization. It gave me the opportunity of shaping the person I am today and getting to know and be closer to many people I still consider family nowadays despite distance.

A trustworthy and beloved person who we will certainly miss a lot, but who will remain forever immortalized among us. Because as long as we keep remembering and talking about her, her memory will prevail.

Fátima, wherever you are, take care of us and we will take care of the environment as well as you would.

Miguel Corista, Portuguese Senior Alumni



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Fatima in Memoriam

I met Fatima at the 1988 CEI conference in Spain and she told me that she was a teacher of deaf children. She explained that, in Portugal, the schools kept deaf children in classes separate from all other children. That was why their biggest problem was communication. She told me that, when she consulted with other teachers of the deaf, "We thought that, if we could have different subjects of curriculum repeating some



vocabulary – it would be easier to memorize and to understand it. They chose an environmental theme and that was why they came to the CEI conference. I later learned that Fatima guided her students on nature tours, and had them ask students on their environment. In the process, the deaf students made friends with other students and became leaders when they planted trees on school property. I also learned that she helped establish the Portuguese CEI network.

I looked forward to seeing Fatima at yearly conferences because she was open to new ideas and fun- loving. We laughed a lot while on tours and in workshops. And I was delighted when evenings began with the chorus of Portuguese, who invited Caretakers to sing and dance.

How grateful I am for my friendship with Fatima and all the special moments we shared!

Isabel Abrams, CEI Board- Co-Founder, Director of Communications

Dear Fatima, we first met you ten years ago in the Earth Charter + 10 Asia Pacific Region event, Taidung, Taiwan, 2010. Inspired by the Indigenous culture in Taiwan, you invited TESA to be a member of the CEI family since 2011. Furthermore, you encouraged and helped us host the 2014 CEI conference in the Green County Yilan in Taiwan. Many of our high schools and young students have been inspired by you to join in caring for the Environment and following the Earth Charter. Thank you and rest in peace!

Nancy Tzu-Mei Chen, Taiwan Ecological Stewardship Association



Fatima in Memoriam

I will remember a long the beautiful moments we shared at numerous CEI conferences so many years ago, beginning from Heerlen, The Netherlands in 1996 to Turkey in 2019, through Macau in 2007, Fatima's place of birth where she was our guide in post conference trip. Fatima was a person extremely friendly to people, always smiling, interested in our affairs and always ready to help if needed. We have lost an expert, a person with enormous knowledge and experience in environmental education. No one can replace Fatima, but remembering her, is for us a commitment for work to achieve the goals she set for caretakers. I will remember her to end of my days.

Antoni Salamon, *Caretakers Board* *Caretakers Poland*

We got acquainted in 1996 during my first participation in the CEI. It was in Kerkrade, the Netherlands. Then we met in Ireland. The next meeting was in Hong Kong in 2006 after a long gap (we didn't come to CEI). Since then we have met with her at all the conferences. Fatima is the person from whom I wanted to take an example in everything. She was a beautiful stylish woman. Very smart. With an active lifestyle. Everything was interesting to her - to learn the history of the country and its culture, to try an unusual food, to play national games, to participate in a master class, to make an unusual toy, etc. She possessed extraordinary charisma. She made a huge contribution to the organization and conduct of the CEI conferences. She could inspire all the conference participants to do good deeds. She was very self-sufficient and strong. She didn't need helpers, she could handle any business herself. With all



this, she could laugh like a little girl, her eyes shone with kindness and benevolence. That is how I know Fatima. She will remain in my memory forever like that. It is a pity that she did not visit my country. She really wanted to. I cannot show her the beauty of my homeland now.

Marina Konopleva Kirov,
School No. 28 *Caretakers Russia*



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Fatima in Memoriam

Fatima was an incredible inspiration to me. Her passion for environmental and social justice was monumental. She had so much wisdom in the ways she interacted with all Caretakers - Board, teachers, and students. I'm very sad she is gone, but so proud to have known and interacted with her and to be a part of this powerful movement through Caretakers of the Environment International. I am grieving for her and her family. I only knew Fatima and Ana, and through my interactions with the two of them, I know how significant and important the work we all do must carry on and continue. I look forward to celebrating her life with you all. Fatima, you will never be forgotten, and your legacy will live on in all of us. With sadness,

Ryan Kinnett, [Caretakers USA](#)

Fatima has always been a deep inspiration for me with her unique skills to inspire educators and youth with her ASPEA network, Earth Charter and Caretakers work. We enjoyed a good and growing friendship since first meeting her in Thessaloniki in 2004. Besides 16 years of annual Caretakers meetings, we enjoyed a great time in 2008 at the ETIC conference in Indonesia and in Montreal in 2011 at WEEC. Fatima's workshops we always impressive. Here in Oregon in 2017, she engaged an exceptional youth and educators alike in her workshop on Developing Careers from the Caretakers Experience. Fatima and I agreed on most everything. If we didn't, Fatima had a gentle manner in helping me see things her way. She taught me how to return the favour. We enjoyed an honest and open 16-year friendship. Fatima is now within the spirit and essence of our environment. From the sadness of her loss is the strength of having known her and therefore becoming a better Caretaker because of it.

Dan Hoynacki. [Caretakers Board. Caretakers USA](#)

Photo was taken in 2016 Aalborg Conference. Dear Fatima; you were a true gift to us, the CEI community. You always inspired us to be good caretakers. Thank you for being a shining star for our lives.

NURTEN MERSİNLİOĞLU.

[CEI TURKEY. Conference chair 2019.](#)



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My CEI's First Virtual Conference

Desya Arti, Sekolah Citra Alam

This is the first time we organized a virtual Caretakers of the Environment International (CEI) conference. It's an honor for me to be part of the team.

Initially we had prepared for the Conference to be held in Bogor, West Java, but due to a pandemic situation, we canceled the activity, and shifted it to virtual conference.



In this conference, I am responsible as a leader in social media team leader Global Forum Journal. Beside that, I am involved in the program team as well as the IT team. It is really a big challenge for me. We try to do our best. However, sometimes we are very confident with all technology that support our event, but then sometimes it suddenly might disappoint you. I apologize for any technical problems that happened during our conference.

The COVID 19 pandemic, make our world changed so fast. Information and Communication Technology (ICT) become primary needs for many people. On top of that, when we talk about sustainable development then we need to put environment as an important element, and it has strong link to mankind. Human innovate technology to make life easier and efficient. More people can get access to learn new thing. More people will involve in monitoring environmental quality and participate in preserving the environment. CEI conference is a good example on how technology help us to meet and learn without packing our suitcase and flying to other countries for a conference.



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During CEI 2020, Technology -laptop, mobile phone and internet- play very important roles in raising youth awareness on environmental issues, and facilitating them to actively participate in environmental protection and engage with their peers from various countries. Every day, in seven conference days, we meet in virtual conference rooms called Microsoft Teams. There are things that we will be missed from our face to face conference, and it can't be replaced by technology, but we have to make it fun. Click these links, and you will see the enjoyment we have with the help of technology.

.website www.cei2020.org, with our best designs on Instagram @cei_indonesia, as well as other information on FB: CEI2020INDONESIA and you can access YOUTUBE CARETAKERS INDONESIA to see our videos

Happy connecting

Desya Arti
Social Media Leader



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Visual Design
CEI Virtual 2020
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Thanks



Microsoft



JARINGAN
SEKOLAH ALAM
NUSANTARA



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see you at
CEI 2021