



Students
for
Sustainability

2020

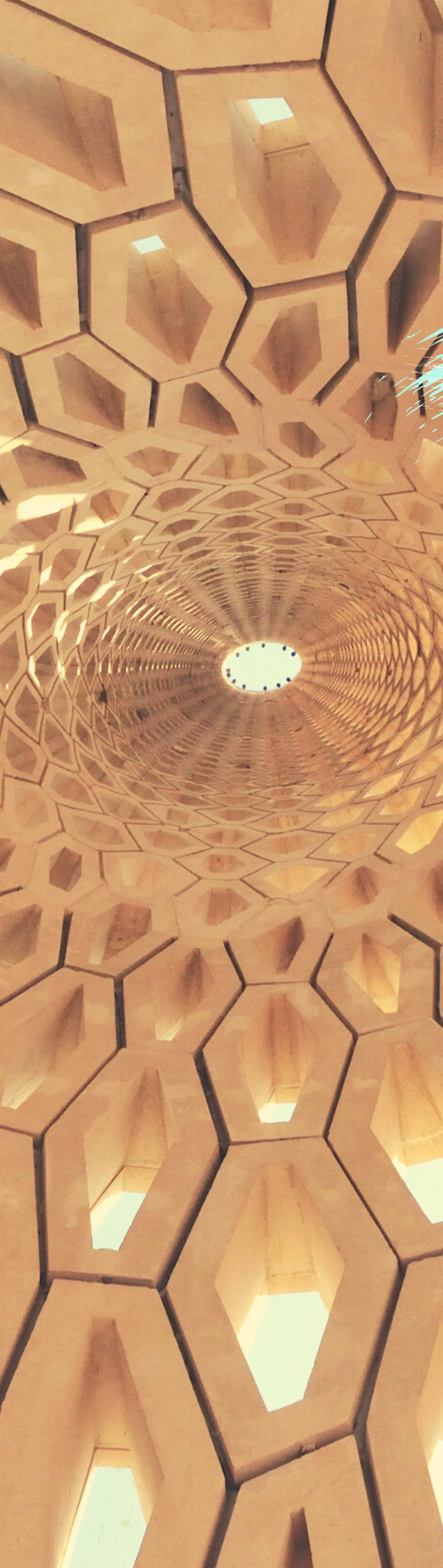
STUDENTS FOR SUSTAINABILITY YEARLY BOOK

Designed By : Zainab Homoud

جامعة الملك عبد الله
للعلوم والتقنية

King Abdullah University of
Science and Technology





Students
for
Sustainability

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STUDENTS FOR SUSTAINABILITY

OUR VISION

To drive change towards sustainability with a positive impact

OUR MISSION

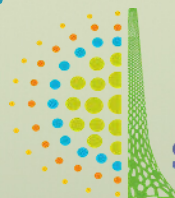
To raise awareness of KAUSTians about sustainability

To support and collaborate with the sustainability office

To take actions at the student level to move sustainability forward

QUOTES ABOUT S2

We, the professors, see you as a role model, particularly in your efforts to popularize science and to co-sponsor the sustainability lecture series to create the kind of intellectual and philosophical dialog beyond the classroom that makes an institution greater than the sum of its disciplinary parts and more of an intellectual community. These efforts are noticed -- particularly by other people who likewise invest time outside of their roles and self-interest to attempt to create community." David Keyes



Students
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Message

FROM S SQUARE ADVISOR



At the end of 2019, a group of enthusiastic and passionate KAUST graduate students united around a daring and vital mission - to drive a sustainability movement to create a positive impact in KAUST, the Kingdom, and the World.

The Students for Sustainability group was born. I was extremely fortunate and honored to be part of their exciting journey from day one. Their energy, dedication, and tireless efforts to drive us all in the quest for a better planet give me firm hopes for a better future. These bright minds will make their way as future leaders, dedicated professionals, and responsible citizens.

In a year where our sustainability efforts have been challenged more than ever, this group's tenacity for making this world a better place continued. They reinvented ways to continue their outreach mission for sustainability at KAUST, despite all the constraints of this pandemic, engaging us all in online lecture series, movie nights, debates, visits to campus facilities and weeks of awareness.

Thank you, Students for Sustainability, for your immense dedication and support to drive our sustainable journey at KAUST!

I look forward to continuing our joint quest for a more sustainable world and seeing the exciting endeavors that the future will bring us.


Ana Margarida
SSquare Advisor

Message

S SQUARE PRESIDENT



It seemed to me that all forces came together to create this epic student organization. It was Fall 2019 when I had the time to choose my elective courses. I chose CE305 Sustainable Engineering by Prof. Mani Sarathy and ERPE200 Energy and the Environment by Prof. Tad Patzek. These two courses awakened me to the urgent reality of the world.

I was filled with both logical and emotional drive to act; my brain and heart felt like on fire. My only hope was the goodness on humanity and all I wanted to do is to empower others to act and collaborate.

When Dr. Ana Margarita organized 'Let's Talk Sustainability' in November 2019, I felt it was the door to stop complaining and start embracing change. I was truly fortunate to meet other passionate and self-driven people to establish a platform to drive positive impact. A very diverse group of us bonded on a respectful, transparent, dynamic and open manner. The first sustainability organization under the guidance of KAUST sustainability lead, Dr. Ana was born.

Despite the pain we experienced individually throughout the pandemic year of 2020, we showed how our collective efforts make us resilient. I cannot thank you enough, and I hope we welcome 2021 with even more energy to drive change.

Let's thrive together for the better.

Eman Alhajji
S Square President

ASK NOT WHAT
YOUR PLANET CAN
DO FOR YOU 
ASK WHAT YOU CAN
DO FOR YOUR PLANET



ADVISORS



Ana Margarida Costa

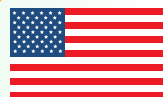


To help making planet Earth a better place for all living beings.

For me , Sustainable World Is :

Clean, fair, responsible

Head of Sustainability



Tad Patzek

Being as sustainable as I can has been the essence of my life for the last 20 years

For me , Sustainable World Is :

fewer people, less consumption, social justice

Professor, and a Director,



BOARD Members



Eman M. Alhajji



because sustainability is holistic,
integrated and systematic!

For me , Sustainable World Is :
harmonized, dynamic and
growing in values

President



Liuba



Hot topic, much abused, but brings
different people together.

For me , Sustainable World Is :
Controlled, dynamic, self-aware

Vice President



Members

BOARD



Natalia



Being sustainable is the only solution to have a better future for humanity

For me , Sustainable World Is :

To be respectful for our community/country, resources and planet and being happy

Secretary



Eshan Singh



I care about the planet, and am depressed with our current ways of life.

For me , Sustainable World Is :

Fewer humans, More wilderness, Lesser technology

Public Relation Officer



Members BOARD



Bashir Hasanov



Because, only sustainable approaching
can attain a long-lasting positive
development in our society.

For me , Sustainable World Is :

Promising, Pleasant, Perennial.

Treasure



Justine Braguy



This might be cliché: to help making the
world a better place

For me , Sustainable World Is :

equal, kind, green

Project Lead



ACTIVE Members



Philip Mitchell

Human systems are inflicting extreme pain on the rest of the biosphere, and we have a moral duty to change this.

For me, Sustainable World Is :
local, biophilic, empathetic

Legislation Lead



Zulma López Reyes

It is my conviction that we need to change many of our habits and industrial processes in order to improve the living conditions of all living beings on the planet.

Project Lead



ACTIVE Members



Students
for
Sustainability



Marcelo Benitez



Sustainability must be part of our human behavior. I do understand that we need energy and my profession is to provide that but it does not mean that we will be irresponsible about the use of energy.



Nikolaos Papagiannopoulos



To end inequality, and protect our natural environment and all the animals.

For me , Sustainable World Is :
Plant-based economy



ACTIVE Members



Fadhil Almukhtar

Because it literally represents our life and the planet that we were trusted on by almighty god.

For me , Sustainable World Is :

long-living, healthy, green



Jess Milne

We only have one earth.

For me , Sustainable World Is :

Resourceful, caring, mindful



ACTIVE Members



Mustakeem Mustakeem

Sustainability is everyone's responsibility.

For me , Sustainable World Is :

Green, renewable, safe



Michelle Havlik

Sustainability is the only way humans & the earth can thrive into the future

For me , Sustainable World Is :

Balanced, Thoughtful, Plant-based



ACTIVE Members



Zainab Homoud



This world was made for us to protect, care, and make our solar system in balance. History repeats itself a thousand time but with solid actions future change.

For me , Sustainable World Is :

Eternal, Safe and Caring



Lamyaa Omar Almarwaey

Because as we protect ourselves from danger, we must protect the world around us from damage and destruction; it is everyone's responsibility!

For me , Sustainable World Is :

Supportive, keeping up, and bearable



MOMENTS TO SHARE

Memorable

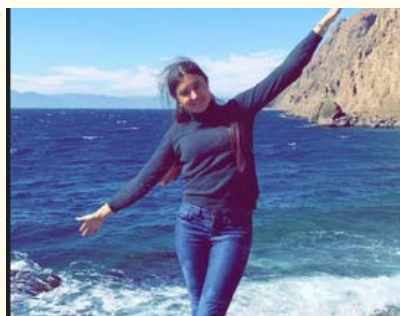


MOMENTS TO SHARE

Memorable



Students
for
Sustainability



YEARLY ACHIEVEMENTS

WHAT HAS S SQUARE DONE?

Leading discussions on campus :

- 1 Talks and seminars by students and invited professors
- 2 Tours to Campus Facilities
- 3 Week of Awareness

- 4 Winter Enrichment
- 5 Movie nights
- 6 Debates

Getting Involved in the Community Life :

- 1 Single-use plastic Campaign
- 2 Community Clean Up
- 3 Bus branding
- 4 Like-minded groups

Reaching Out & Leverging Resources :

- 1 Sustainability LibGuide
- 2 G20 summit NEOM
- 3 AASHE, ISCN, SWI Network



1 Talks and seminars by students and invited professors



Environmental lunch talks (bi-weekly, Fall 2019)

Initiated by SPE members and Prof. Patzek, two joint events were held.



Sustainability Seminar Series

THE COVID-19 WORLD AND US

PRESENTER
Tadeusz W. Patzek

INSTITUTE
**Energy Resources and Petroleum Engineering,
Ali I. Al-Naimi Petroleum Engineering Research Center
at KAUST**

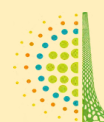
LOCATION
<https://kaust.zoom.us/j/98808728237>

TIME & DATE
Tuesday April 21st 2020 3:00 - 4:00 pm



Sustainability Seminars Series, 2020

More than seven seminar events with distinguished speakers can be found in Students for Sustainability YouTube Chanel.



Students
for
Sustainability

2

Tours to Campus Facilities



Tour to ICAS (campus resource management system)

Attendees had a unique opportunity to see how KAUST campus infrastructure is operated. We learned what kind of energy efficiency and saving methods have been applied in the recent past and what is the outcome of these measures.



Tour to the KAUST Recycle Center

We learned what kind of waste is recycled and how complex is the waste management system.

Tour to the KAUST Greenhouser



3

Week of Awareness



ARE WE TURNING INTO PLASTIC?

The Week of Awareness

Join us on **ZOOM**
From 7 to 8pm!

5-9th
April 2020

© Susann Rossbach

Sunday 'What are microplastics?'
Introductory talk by Michelle Nicole Havlik

Workshop Make your own reusable bag from home!

Monday **Movie screening - Broken**
Broken is a Netflix documentary about plastic life (from oil to recycling).
The screening will be followed by a discussion with the participants

Tuesday 'Microplastic removal by Red Sea giant clam'
Research talk by Susann Rossbach (PhD Student in the Red Sea Center) about *Tridacna maxima* and its role as a sink for microplastic

Wednesday 'What a waste! Myths and Facts about Recycling'
Informative talk about why recycling does not work by Liubov Gapa

Workshop Reuse not Recycle

Thursday 'How to reduce our rubbish under curfew'
Informative talk by Grace and Jess Milne

Week of Awareness on Microplastics



ARE WE WHAT WE EAT?

The Week of Awareness

Everyday on **ZOOM**
from 7 pm to 8pm (GMT+3)

5-11
Sept 2020

6pm Saturday Movie: 'OVERLOAD: AMERICA'S TOXIC LOVE STORY'

Sunday 'DIET MATTERS'
Introductory talk by Nikolaos Papagiannopoulos

'JOURNEY OF FOOD: TRACE YOUR FOOD TO ITS ROOTS'
A Ssquare investigation

Monday Movies: 'INDUSTRY OF FOOD' & 'FUTURE OF FOOD'

Tuesday 'SOIL AND MICROBES: THE TREASURES BENEATH OUR FEET'
Research talk by Dr. Abdul Aziz Eida

Workshop 'MANAGED NATURAL REGENERATION AGRICULTURE'
Informative talk by Jackson Buzingo

Wednesday 'CIRCULAR ECONOMY OF WASTE, FOOD & WATER'
A Saudi Case Study presented by Sabrina Vettori (Edama Organic Solutions)

Workshop 'SUSTAINABILITY, FOOD SECURITY & KAUST'
Informative talk by Mariem Ben Said (KAUST Food Safety)

Thursday 'LET'S REDUCE FOOD WASTE'
Tips and Tricks for the KAUST Community

Online cooking class at 5:30pm with KAUST foodies!

3pm Friday 'DRAW ME A MANGO'
Online painting class with Robyn Palescandolo, using the vegetable-based paints that you will learn to make!

Week of Awareness on Food

4

Engaging with Winter Enrichment Program (WEP)



wep
ENRICHMENT
FOR ALL

Thank you for your proposals for WEP 2021 Connectivity

Our colleagues have submitted more than 3 entries

Top contributors:

1. Eman M Alhajji
Students for Sustainability
2. Mohamed H. Abdel-Aal
3. Chao Shen
4. Melissa L. Manuel

enrichment.kaust.edu.sa

16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS

17 PARTNERSHIPS
FOR THE GOALS

Sustainability Hub at WEP

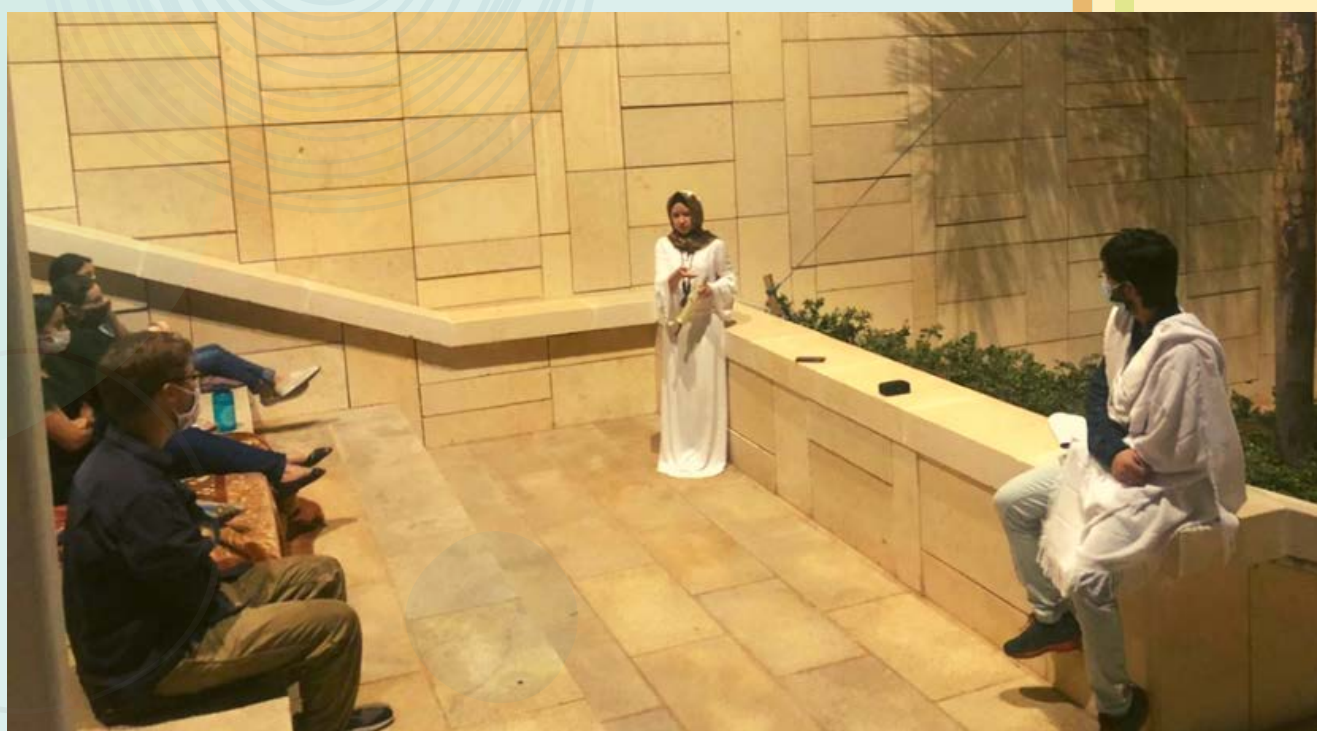
5

Movie nights and Debates



Screening and discussing thought-provocative films

Example of Films: Capitalism (6 series), Gringo Trails, Death by Design, Fairytales of Growth, Switch On and Seeds of Hunger



Monthly Debates

Starting Debates related to sustainability and Environmental Topics .

1 Single-use plastic campaign



Single-Use Plastic Campaign

We launched the brainstorm sessions with community members on how to reduce plastic usage and planned a plastic bag fee introduction; an ad campaign was launched

2 Community Clean Up

Join us for a KAUST Community Clean-Up

Saturday March 7, 8:45 A.M.

Meet at parking lot across from the Recycling Center

Register to volunteer today!

KAUST Community Clean Up

3 Single-use plastic campaign



Bus Branding Competition

Our group participated in bus design competition, and this is our winner with the SDGs emblems!

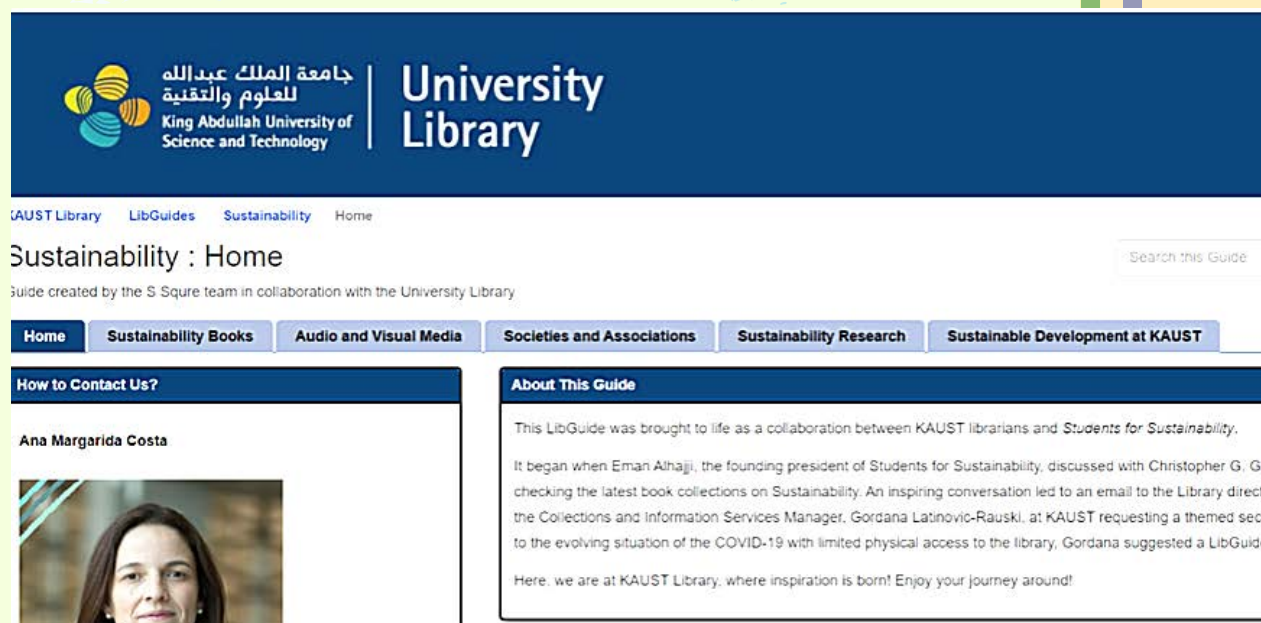
4 Connecting with like-minded Communities on Campus



S2 members collaborated with existing community groups

Makers group - DIY community Tame-Neuter-Release (TNR) group
Thrift store

1 Sustainability LibGuide



Create a Sustainability Library Guide

<https://libguides.kaust.edu.sa/Sustainability>

2 Participation in G20 summit and NEOM conference



S2 have presented at the First Sustainability Workshop at NEOM

Eman and Natalia with one of the founders of the CCE concept, William McDonough, at G20 summit

1 ISCN, SWI & GUCF | Sustainability Networks



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King Abdullah University of
Science and Technology

Graduate
Affairs

Community Life
People. Place. Pride.

S Square has been selected for the Global University Climate Forum (GUCF) by Yale University! GUCF had over 160 applications from more than 40 countries, so the process was quite competitive, and the cohort is remarkably diverse. Inspired by the week of awareness on food sustainability, S Square submitted a proposal in September to take their idea into action within a six-month journey.



Students
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GET IN TOUCH



s.square@kaust.edu.sa



<https://campusconnect.kaust.edu.sa/sustainability/home/>



Channel Name:
Students for Sustainability
<https://www.youtube.com/channel/UCsggbmdSzwWILZugx2Q-QGQ/featured>



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