



Inside SCI

Sustainable Campus Initiative Newsletter

Ensuring Sustainable Footprint!

QUOTE OF THE EDITION:

"The only way forward, if we are going to improve the quality of the environment, is to get everybody involved.."

— Richard Rogers

Opening note:

How are you linked with nature? Do you feel affiliated with it?

Scientists proved that nature helps in reducing mental issues of humans by releasing anxiety and stress. In stressful situations, close your eyes and imagine that you are immersed in your favourite nature sight, it can be a beach, or in between mountains, or a lake, or even a natural park.

While you are breathing clean air through your lungs, bring your focus on that current state.

You have a natural view highly pleasing your naked eyes weather it is water, species, mountains, flowers. Look deep into its colors and structures.

Now focus on the sound of waves brushing though the

the sound of air through your ears, the sound of birds moving around the area. And you get to touch sand, leaves, shrubs, or even rocks.

Biologically we are all linked to these elements and we are affiliated by its calming flow.

Let's all make efforts to protect and preserve it, so that we retain and allow the future generation to not only imagine it but experience it.

Stay safe,

SCI Team.

Eco Pedestal

Amity University students work on Solar Panel Project

We are proud of Megna Rajagopal Green Youth Majlis Member the student Sajedah Yousef from Amity University on a prototype for quantitative analysis of dust assessment and management on PV systems to demonstrate its efficiency and feasibility. Aiming to minimize labour health and safety risk while cleaning methods and reduce maintenance costs.

Solar panels have a guaranteed lifespan of more than two decades. However, this will not be the case if the solar plant is not properly maintained, a routine cleaning schedule is necessary. In industrial plants, a variety of cleaning techniques are used, including manual and automated cleaning machine.

Manual cleaning is among the most common methods of cleaning technique. The necessity of standing in ladders or at houses rooftop is risky and requires suitable equipment's.

It is necessary to develop a system to indicate the occurrence and extent of dust on the surface, forecast the impact of dust on energy output production.

They worked on novel method for optimizing the performance of solar panels. The chosen cleaning method consists of a water injector and a rubber wiper that travels over the surface to finish the cleaning operation, producing little or no scratches on the surface until the dust is gone. Then they, analysed the solar irradiance to observe the efficiency of the solar panel and estimate the power production.

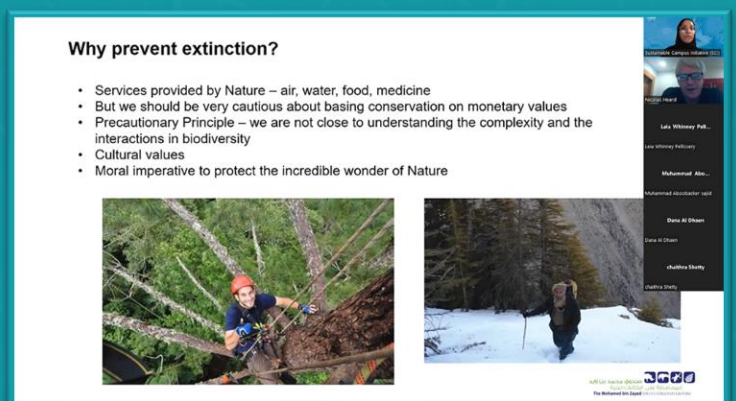
Excellent work Amity University students.

SCI in Action

Successful Biodiversity Conservation Stories

We celebrated earth day with the given theme "Invite in our planet" with an environmental Youth Talk delivered by Mr. Nicolas heard – Fund Manager at Mohammed Bin Zayed Species Conservation Fund, who gave a presentation, explaining details about the process of the Mohammed Bin Zayed Species conservation fund investments Internationally focusing on endangered and critically endangered species that are not well known. So far, the fund has been extended to more than 160 countries.

Mr. Heard mentioned that preventing extinction of species is crucial because other than the services they provide and intrinsic value that up to date was not yet discovered. Amongst their values are precautionary principals, cultural values, and the moral value to protect mother nature.



To conserve species, you need to know about it, its status, habitat, ecological status, biological status, threats...ect. You also need to engage with the community schools, local elders, land custodians and dedicate, passionate, and proactive people.

He then shared successful unique species conservation stories, and the positive impact the grants were to the species.

SCI in Action

Upcycled Eid Decoration Idea

On 26th of April, as we all approached Eid Al Fitr, Green Youth Majlis Member Nithla Adlin Thangraj conducted Eid decoration workshop joined by 40 children.

The idea behind the workshop is to promote reusing scrap magazine papers available at home to and create a simple and creative butterfly shaped decoration that can be hanged anywhere at home.

At the workshop, children followed a step-by-step process of folding to create the shape of a butterfly then adding a ribbon in the middle and at the tip of the butterfly's head.

The workshop demonstrated a simple way of reusing paper and creating something useful.



Green Space

Did you know single-use plastic is one of the most common forms of death for marine animals? Not only do these animals mistake plastic for food, they also can easily get tangled, stuck and hurt by plastic items. They don't have a choice, but you do.

On 1st of June 2022, specific kind of single use plastic bags will be banned from Abu Dhabi territory and alternatives will be provided.

Next time you visit the supermarket simply avoid using single use plastic bags by taking your reusable bag and or a trolley to carry your purchases. And before taking a plastic bag ask yourself, Do I need a plastic bag? Is there an alternative option?



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An Initiative by:

