KAUST SUSTAINABILITY Green is our Mission





"Green is Our Mission" Launch Event

6:00 p.m. - 8:00 p.m. Sunday, February 4 Harbor Walk

There's something for everyone!

For all community members, don't miss your chance to learn about our new Green Home initiative with monthly prizes, listen to live music and eat healthy food.

For families, join us for games, chalk painting, and storytelling.

For researchers, staff and students, learn more about Green Procurement and the Green Lab award.

You will have the chance to sign up and win exciting prizes, like an electric scooter and bicycle, on the day and throughout the year.

Everyone can join the sustainability mission. Find out how your colleagues and friends are making sustainable choices and how you can too.

Sustainability Month Keynote Lectures



Light lunch will served



David Hobbs Head of Research at KAPSARC

Meeting the Kingdom's Sustainability Goals and Realizing the Vision 2030

12:00 p.m.

Monday, February 5 Level 0 lecture hall between Ibn Al-Haytham and Ibn Sina (bldgs. 2 & bldgs. 3)

The design of cities will be a key driver of how and whether the Kingdom will realize the Saudi Vision 2030 and meet carbon mitigation goals. Understanding the importance of energy density, efficiency and productivity in planning a sustainable future will allow policymakers and consumers to make the best decisions. However, it is important to look at all the system wide impacts of these decisions to make sure that the true costs and benefits are realized in order to maintain long term public support for policies that deliver environmentally-sustainable shared prosperity.

Bio: David Hobbs is the Head of Research at KAPSARC. Prior to joining the Center, he was Chief Energy Strategist and, before that, Head of Research at what is now IHS Markit.

He is an expert in energy industry structure and strategies, and author of several studies and analyses on important energy issues ranging from the oil value chain and the problem of assessing oil and gas reserves to the impact of natural gas supplies on energy markets and technology and the effect on job creation and economic growth of energy industry investment activities. He has advised on several projects on topics including the Canadian oil sands, clean energy, and national energy strategies.

David is an adjunct professor at the University of Calgary, participating in the Global Energy Executive MBA program at the Haskayne School of Business. Overall, he has more than three decades of experience in the global energy business and has directed projects in Asia, South America, North America, and the North Sea, as well as led major international investment and asset commercialization programs. He holds a degree in Petroleum Engineering from Imperial College.



Christian Holmes Senior Advisor at BCG

Sustainability in Coastal Cities

12:00 p.m.

Wednesday, February 7

Level 0 lecture hall between Ibn Al-Haytham and Ibn Sina (bldgs. 2 & bldgs. 3)

Coastal cities and bordering coastal plains have been at the center of human development for thousands of years. Coastal cities and their overall ecology including human population, coastal plains, rivers, groundwater, estuaries and marine life face enormous threats from such pressures as climate change, extreme weather events, population migration, ground water depletion, surface water pollution, the salinization of coastal aquifers and the degradation of estuaries and fisheries .

Strengthening the sustainability of coastal cities presents a range of unique interdisciplinary opportunities for KAUST. This presentation explores such opportunities in areas in which KAUST has made significant contributions to sustainability.

Bio: Chris presently serves as a Senior Advisor to the Boston Consulting Group (BCG) where he concentrates on the environmental protection, humanitarian assistance and international economic development sectors.

Prior to joining BCG, Mr. Holmes served concurrently at the US Agency for International Development (USAID) as its Global Water Coordinator, Deputy Assistant Administrator for Water and Acting Deputy Assistant Administrator for Natural Resource Management. His assignments included directing the development and implementation of the Agency's global water strategy. In so doing, he led the Agency's five year \$2 billion water supply and sanitation program.

Sustainability Month Keynote Lectures



Light lunch will served



Maren Cooke
Environmental
Activist and Speaker

Leading By Example

12:00 p.m.

Tuesday, February 6
Level 0 lecture hall between Ibn Al-Haytham and Ibn Sina

Level 0 lecture hall between Ibn Al-Haytham and Ibn Sina (bldgs. 2 & bldgs. 3)

Climate change, resource depletion, and health risks are all intimately linked. For a sustainable future, we need to share good ideas and transform communities. On a local level, Sustainability Salons feature scientists, educators, activists, journalists, farmers, and filmmakers sharing meals and lively discussion, in a home that has itself been transformed by incorporating energy and water efficiency, renewable energy, recycled, reused, and natural materials, urban agriculture, and biophilia. Attendees learn about environmental issues and solutions, including home and lifestyle changes.

Bio: Maren is a planetary scientist by training, but now focuses on environmental education and activism. She serves on the board of the Group Against Smog & Pollution (GASP), and works closely with other organizations including the Climate Reality Leadership Corps, Sierra Club, Grow Pittsburgh, Pittsburgh Parks Conservancy, Phipps Conservatory and Botanical Garden, the City of Pittsburgh, and Carnegie Mellon University's Institute for Green Science. She has helped create science curricula and train teachers, and has taught physics, astronomy, planetary science, environmental science, environmental sociology, green building, organic gardening, permaculture, and beekeeping to people of all ages. Maren also operates an urban microfarm, supplying organic produce to a local restaurant and garden plants to the surrounding community, and has been rebuilding her family's home as a demonstration for green building and green living. She maintains an online listing of environmental and social justice events and resources called MarensList, and organizes and hosts Sustainability Salons, a monthly environmental education forum and community gathering now six years running. She holds a PhD from Cornell University.



Sarah Brylinsky Sustainability Manager at Cornell University

Best Practices and Policies in Higher Education

12:00 p.m.

Thursday, February 8

Level 0 lecture hall between Ibn Al-Haytham and Ibn Sina (bldgs.

2 & bldgs. 3)

This session will focus on the best practices implemented by Cornell University in connection with national and international consortia to identify the financial and practical mechanisms for creating a low-carbon, sustainable campus. Topics addressed will include setting goals and targets, creating tools for implementation across institutional structures, financial strategies for renewable energy development, carbon-neutrality project identification, and the importance of governance and empowerment structures for all campus community members, from students to senior leadership.

Bio: Sarah is the Sustainability Communications and Integration Manager at Cornell University, where she leads sustainability systems change management projects and strategic communication initiatives. She has led the transformation of higher education for a sustainable future for over a decade, beginning as a student leader and since launching the first sustainability offices at the Massachusetts Institute of Technology (MIT) and Dickinson College, and acting as Director of Climate Resilience & Educational Programs at Second Nature, the non-profit leading climate mitigation and sustainability education efforts nationwide, as well as leading the Carbon Commitment, an American program for over 600 campuses committed to achieving campus carbon neutrality and integrating sustainability education. She is the author of over 30 articles and book chapters on campus sustainability and carbon neutrality solutions, and has spoken at over 150 conferences and workshops in 6 countries on the role higher education plays in creating a sustainable and resilient future for people and planet. Sarah is the recipient of the AASHE Student Sustainability Leadership Award, a contributing author for the Pennsylvania State Climate Adaptation Plan, organizer of the 2008 NATO Environmental Security Conference, and received her a B.A. and M.S. in Communication, Management and Design from the Ithaca College Park School of Communications.

Sustainability Workshops & Challenging Activities



Registration is required, Please send an email to <u>sustainability@kaust.edu.sa</u>



What: A practical gardening workshop by Maren Cooke, an expert in growing sustainable garden and lots to take with you home

When: Tuesday (Feb 6) 5:00 to 8:00 pm

Where: Harbor walk



What: Compete to prepare a meal using healthy and local ingredients with minimum waste and win wonderful Prizes When: Thursday (Feb 8) 5:00 to 8:00 pm

Where: Harbor walk



What: To learn more about KAUST Recycling Center

and compete to win an electric scooter

When: Wednesday (Feb 7) 5:00 to 8:00 pm

Where: Harbor walk



What: The Science of Sustainability

When: Wednesday (Feb 21) 4:00 to 6:00 pm

Where: Campus Library

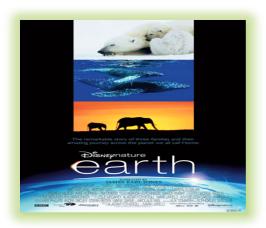


Sustainability Month Movies



EARTH at Discovery Square Cinema Friday, Feb. 9 from 2:00 to 4:00 p.m.

Disney Nature introduce an epic story of adventure, starring some of the most magnificent and courageous creatures alive, awaits you in Earth



WALL-E at Discovery Square Cinema Saturday, Feb. 10 from 2:00 to 4:00 p.m.

Pixar Animation In the distant future, a small waste-collecting robot inadvertently embarks on a space journey that will ultimately decide the fate of mankind



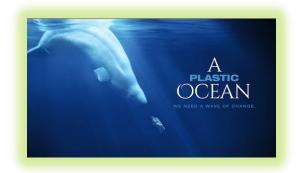
CHASING ICE *at Harbor Walk* Friday, Feb. 9 from 7:00 to 9:00 p.m.

Follow National Geographic photographer James Balog across the Arctic as he deploys time-lapse cameras designed for one purpose: to capture a multi-year record of the world's changing glaciers



A PLASTIC OCEAN at Harbor Walk Saturday, Feb. 10 from 7:00 to 9:00 p.m.

A documentary highlights the plight of marine animals living among the estimated 5 trillion pieces of plastic rubbish generated by humans







On Feb 4th, make sure to visit all the booths and WIN wonderful prizes!!

Green Transportation

Decrease your carbon foot-print by exploring all the green possibilities KAUST has to offer in green transportation

Sustainability Squad

Do you want to be a hero and save your planet? Your mission will be to complete all the tasks in the checklist. Ask for your mission handout from sustainability squad booth

on THE THE

The students will showcase their green projects

Think Tank

Think Tank is a continues program where community can participate monthly in open discussion to exchange and develop ideas. Register now to attend the monthly meetings.

Green homes

Transfer your home to help and respect the environment? Make it ecologically friendly

Green Your Event

The event will be an example of how we should celebrate any event in a sustainable way

Recycling Center

Do you know that you can take a tour to the recycling center in KAUST. If you are interested schedule a tour now.

Green Procurement

Learn about the chemical use program and managed print services

Green Lab

here in KAUST, you have to stop by our booth and learn more about a Green Lab Award Harbor Wall Art Challenge

Are you an artist? You can showcase your creativity at the harbor long wall with other artist. Reserve your spot and register at the Harbor Wall Art booth

Recyclable bag shop and design my bag

You want to design your recycled bag come and check the amazing collection Nesma Thuwal has to offer and you can design your bag and print your creative idea on the bag.

practices and achievements a KAUST community member accomplished towards a sustainable life during the month of February (KAUST Sustainability Month). The winners will be revealed at the Flavors Festival 2018 on February 22, 2018

"Green is our Mission"

Throughout the whole month of February, the Office of Sustainability is hosting events focusing on how all of us can contribute to make our KAUST more sustainable. Sustainability programs and initiatives have always been at KAUST, and this month, the sustainability office is not only paying tribute to these great efforts, but is introducing the KAUST Sustainability Program and new programs.

Sustainable development is integral to the overall mission at KAUST. The University nurtures innovation in science and technology by supporting research in areas such as energy, water, food and environment. This emphasis on sustainable implementations drives the research agenda, campus planning, and operations. KAUST is a LEED Platinum Certified campus for new construction, and at the time of certification in 2010, it was the largest LEED Platinum Certified in the world!

People are one of the most important pillars of sustainability and their involvement is a crucial part of the program. The overall environmental performance depends mainly on the behavior of occupants to mitigate the impact of work, house and lifestyle. The Sustainability Office's role is to pilot this positive behavior.

This February, we have lots of activities for you to be part of this journey!

Your attendance is important to us and to our PLANET AND THE FUTURE **GENERATIONS!**



