



NATURE'S HARVEST: GROWING SUSTAINABLY FOR A GROWING WORLD SUSTAINABILITY @ EXPO

Live in Balance – Sustainability Track

EVENT DETAILS

DATE:	Saturday, 19 February 2022
TIME:	10:00-13:00
VENUE:	The Nexus for People and Planet
IN ASSOCIATION WITH:	PepsiCo and UAE Ministry of Climate Change & the Environment
CO-CURATORS:	USA
PARTICIPANTS:	Malaysia, Brazil



EVENT SUMMARY

From farm to plate, the food value chain is an integral part of society, providing income and livelihoods for billions. But the way in which we currently cultivate our food is a significant contributor to climate change through deforestation, land degradation, pollution, and food waste. Expo is a platform that brings stakeholders across value chains to spotlight localised solutions to food security, nutrition, and farming challenges.

This event will explore how to grow food sustainably and will encompass approaches to climate-friendly agricultural practices that maximise productivity while operating in harmony with the environment.

It will also highlight Expo's efforts and successes in planning Urban Agriculture into the Expo site and District 2020, as well as how International Participants include food and urban agriculture into their pavilion design and operations.

AGENDA

Sustainability @ Expo | Nature's Harvest: Growing Sustainably for a Growing World

19 Feb 2021, 10:00-13:00

The Nexus for People and Planet

TIME

ACTIVITY

10:00 - 10:30

Registration

- Tea and Coffee
- Opportunity to network

10:30 - 10:35

Welcome and Opening Remarks by the Moderator

- **Dina Storey**, Director – Sustainability Operations, Expo 2020 Dubai

10:35—11:00

Keynote Address

The keynote address will highlight the lessons learned from nature to inform an approach to feeding the world in a sustainable way.

- **Dr. Dayna Baumeister**, Co-founder, Biomimicry 3.8

11:00—11:30

Presentation: Sustainability @ Expo

The presentation will provide an overview Expo's sustainability strategy and a focus on showcases and initiatives looking at sustainable food and agriculture.

- **Alyazia Sabra**, Manager, Sustainability

Presentation: District 2020

The presentation will provide an overview of the plans for the site after the event and the ongoing sustainability efforts that will shape the legacy of the site, including the integration of urban agriculture into District 2020.

- **David Gourlay**, Director – Site Delivery Office – D2020 Real Estate and Delivery

11:30—12:00 “The Desert Farm” at Expo 2020 Dubai

This presentation will provide an overview of “The Desert Farm” showcase at Expo 2020 Dubai that was developed in collaboration with the International Center for Biosaline Agriculture (ICBA).

- **Phil Dunn**, Senior Manager, Sustainability Pavilion, Expo 2020 Dubai
- **Dionysia Angeliki Lyra (Dr. Sissy)**, MSc PhD, Halophyte Agronomist, ICBA

12:00—12:45 Presentations, Panel Discussion, and Q&A

The session will be a mix of short presentations and moderated panel discussions

The International Participants of Expo 2020 Dubai will share their contributions to the Expo sustainability story and dive deeper into the challenges, opportunities, and lessons learned. The session will end with Questions from the Audience.

Hear from:

- **USA: Monte Peterson**
- **Brazil: Márcio Nappo, JBS**
- **Malaysia: Dr. Jemilah Mahmood**

12:45—12:55 Lighting Talk: Growing Something Greater

- **Dr. Stephen Ritz**, Founder, Green Bronx Machine

12:55—13:00 Closing

- **Dina Storey**, Director – Sustainability Operations, Expo 2020 Dubai

13:30—14:30 Pavilion Tours (Optional) – final list of tours to be confirmed

- **USA**
- **Malaysia**
- **Brazil**

AGENDA

Youth Workshop: Growing Something Greater

19 Feb 2021, 14:00-15:30

The Nexus for People and Planet

TIME

ACTIVITY

13:30 - 14:00

Registration

- Tea and Coffee
- Opportunity to network

14:00 - 15:30

Youth Workshop: Growing Something Greater

The workshop will be an interactive session led by Dr. Stephen Ritz (author, film maker and teacher) with contributions from other leaders around the globe teaching the next generation the role of youth in building healthy, equitable and resilient communities through inspired education, local food production, and 21st century workforce development.

- **Dr. Stephen Ritz**, Founder, Green Bronx Machine
- 10 minute intro
- 25-minute virtual speakers (2-3 teachers from other parts of the world contributing to the workshop – speakers identified)
- 45-minute hands on engagement
- 10-minute closing

ABOUT THE SPEAKERS



Dina Storey

Director – Sustainability Operations
Expo 2020 Dubai

As Director Sustainability Operations at Expo 2020 Dubai, Dina Storey leads the development and implementation of the World Expo's sustainable event management strategy.

Dina's current focus include sustainable development and integration of sustainability into both the built environment and operations. Her mandate is to ensure that the Expo meets and exceeds its sustainability commitments both locally and globally. This includes planning for event and legacy, stakeholder and market engagement, and communications and awareness campaigns designed to extend Expo 2020's sustainable impact beyond the boundaries of its physical site.

Dina is a sustainability expert with more than 16 years of public and private sector experience. Her expertise enables her to develop innovative and cost-effective solutions that help Expo 2020 achieve its sustainability goals.

Dina has a BSc in Chemical Engineering, an MBA in international Business, and a Masters in Sustainability Management from Columbia University NYC. She has worked for the United Nations, a number of global consulting firms as well as the City of NYC and the Earth Institute. She has written a number of articles and spoken on a number of platforms with a focus on the intrinsic value of sustainability as a driver for economic development.



DAYNA BAUMEISTER, PhD

Partner

Biomimicry 3.8

With a background in biology, a devotion to applied natural history, and a passion for sharing the wonders of nature with others, Dr. Dayna Baumeister has worked in the field of biomimicry with Janine Benyus since 1998 as a business catalyst, educator, researcher, and design consultant for over 100 companies. Together they founded the Biomimicry Guild, The Biomimicry Institute, and Biomimicry 3.8, collectively fertilizing the movement of biomimicry as an innovative practice and philosophy to meet the world's sustainability challenges. Dayna designed and teaches the world's first MS in Biomimicry as a Professor of Practice at Arizona State University, co-founded The Biomimicry Center at ASU, and compiled more than 20 years of experience in biomimicry into the Biomimicry Resource Handbook: A Seed Bank of Knowledge and Best Practices (2013).



Alyazia Sabra

Assistant Manager, Sustainability-Real Estate
Expo 2020 Dubai

Alyazia has a BA in Environmental Management - The University of Manchester and an MA in Social Development - University of Sussex, England.

Currently Assistant Manager in the Sustainability-Real Estate Department at Expo 2020 Dubai, Alyazia's role involves embedding sustainability into every aspect of the organisation and the mega-event. Alyazia's role focuses on driving sustainability initiatives at Expo 2020 Dubai, including end-to-end project management; delivery of Expo 2020 Sustainability Reports; facilitating actions to meet the sustainability waste KPI and integrating sustainability practices in day-to-day operations across the Expo site; strategic planning, content creation and delivery of campaigns and events; ensuring implementation of accessibility measures and services, as well as planning, managing and executing tours and visits for People of Determination. Alyazia is also responsible for overseeing the programme budget and creating and coordinating purchase requisitions of sustainability projects.

Alyazia is passionate about sustainability to include the wider audience. She previously worked at Chalhoub Group, driving initiatives and projects under the Education and Environmental pillars of Chalhoub Group's Corporate Social Responsibility strategy – resulting in improved efficiency of operations through implementing various sustainability practices.

Alyazia is working towards, setting an example for developing and catalysing sustainability efforts and solutions to the UAE and beyond.



David Gourley

Director – Site Delivery Office,
Expo 2020 Dubai

David Gourley joined Expo 2020 Dubai in early 2017 and is responsible for the master planning and architecture development and transition of the Expo site as it is re-purposed into a mixed-use community that supports Dubai's sustainable urban development.

His role involves overseeing design, strategy and planning of the blueprint for the human-centric future city, which will evolve following the six months of the World Expo. He plays a key role in applying innovative urban planning principles including shaping a "15-minute city"; and a smart and sustainable integrated environment to live, work and explore.

David has extensive experience in property development and architectural and urban design. His career spans 40 years across a portfolio of residential, retail, hospitality and large-scale mixed-use commercial projects in the Middle East, Australia and the South-East Asian regions.

He has previously worked with leading UAE government master developers including DIFC, Limitless, Nakheel and Dubai Properties.