

مؤسسة قطر
Qatar Foundation



إرثنا
earthna

Earthna Summit 2023

DELEGATE HANDBOOK

Building new
Sustainability Pathways for
Hot and Arid Environments

8-9 MARCH 2023

TABLE OF CONTENTS

01 WELCOME TO EARTHNA

02 BUILDING NEW SUSTAINABILITY
PATHWAYS FOR HOT AND ARID
ENVIRONMENTS

03 EARTHNA SUMMIT 2023 MAP

04 SUMMIT VENUES

05 PROGRAM AT A GLANCE

06 EARTHNA VILLAGE

07 BADGE COLLECTION

08 PARTNERS

09 SESSIONS IN DETAIL

10 SPEAKERS

11 EARTHNA'S COMMITMENT TO SUSTAINABILITY

12 EXPLORE MSHEIREB



WELCOME TO EARTHNA SUMMIT 2023

For more details on the
Summit, visit our website:

[Earthna.qa](https://earthna.qa)



#EarthnaSummit2023

Building New Sustainability Pathways For **Hot And Arid Environments**

Global sustainability discussions have been shaped by issues primarily relevant to tropical and temperate countries. Less attention has been placed on hot and arid environments and deserts, and a perception has emerged that these environments are less relevant to global sustainability.

The 2023 Earthna Summit will seek to re-evaluate these understandings and build new sustainability pathways for hot and arid environments. It will also convene and build a global community of thought leaders and policymakers on sustainability for hot and arid environments focusing on these four streams:

- 01 Towards a New Sustainability Framework for Countries in Hot and Arid Environments**
- 02 Food Security, Adaptation and Resilience**
- 03 Climate and Energy**
- 04 Biodiversity, Ecosystems and Indigenous Knowledge**

EARTHNA SUMMIT 2023 MAP



- 1 Mandarin Oriental Hotel, Doha
- 2 Barahat Msheireb (Earthna Village)
- 3 Bin Jelmood House
- 4 Mohammed Bin Jassim House
- 5 Alwadi Hotel Doha
- 6 Park Hyatt Hotel
- 7 Souq Waqif
- 8 Metro

P Baraha North Car Park

P Baraha South Car Park

P Galleria Mall Car Park

Parking Ticket Fee Waiver

Please bring your parking ticket with you to the Summit for waiving the parking fee. Dedicated ticket validation stations are available at the exits of all summit venues.

MANDARIN ORIENTAL HOTEL



Lifts - Level B1



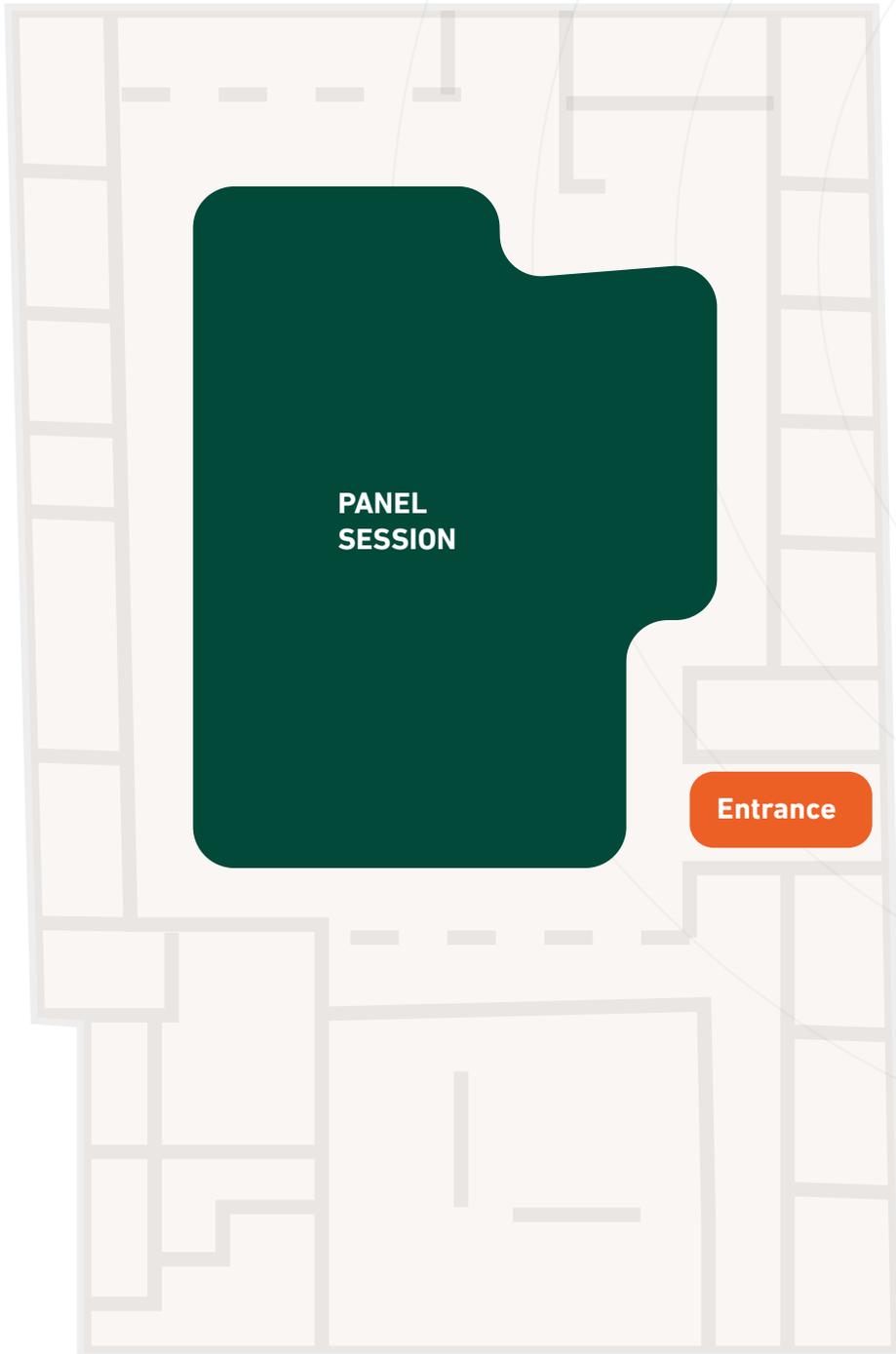
Stairs

Entrance through
staircase/lifts – Level B1

BIN JELMOOD HOUSE



MOHAMMAD BIN JASSIM HOUSE



PROGRAM AT A GLANCE

Day 1

9am - 10am	Opening Plenary Session 1 Building New Sustainability Frameworks For Hot and Arid Environments			
10am - 10:45am	COFFEE BREAK			
10:45am - 11:45am	Mandarin Oriental Ballroom Global Challenges to Food Security: Indigenous Knowledge Systems and their Applications	Bin Jelmoood House Technical Discussion (Report): Circular Economies in Hot and Arid Environments		
11:45am - 12:45pm	LUNCH BREAK			
12:45pm - 1:45pm	Mandarin Oriental Ballroom Climate Change Adaptation: Indigenous Knowledge and Resilience	Bin Jelmoood House Mega Events and Their Legacy	Mohammad Bin Jassim House Global Trends in Energy and Economics	Mandarin Oriental Roundtable The Gathering Storm: Climate Change, Food Security, and Health
1:45pm - 2:15pm	COFFEE BREAK			
2:15pm - 3:15pm	Mandarin Oriental Ballroom Sustainability Frameworks for Hot and Arid Countries	Bin Jelmoood House Sustainable Architecture in the MENA Region	Mohammed Bin Jassim House Sustainability Transitions in Sub-Saharan Africa's Dry and Arid Lands	Mandarin Oriental Roundtable Food Security: Self Sufficiency, Surplus, and Supply
3:15pm - 3:45pm	COFFEE BREAK			
3:45pm - 4:45pm	Plenary Session 2 Biodiversity, Ecosystems and Values			

Day 2

9am - 10am	Plenary Session 3 Governing our Climate Future			
10am - 10:30am	COFFEE BREAK			
10:30am - 11:30am	Mandarin Oriental Ballroom Technical Session: Global Energy Transitions	Bin Jelmoood House Youth Empowerment for a Sustainable Future		Mandarin Oriental Roundtable Urban Climate Change Governance in Hot and Arid Zones: Consideration for Setting up a Dry Cities Alliance
11:30am - 12:30pm	LUNCH BREAK			
12:30pm - 1:30pm	Mandarin Oriental Ballroom Green Tech and Decarbonization	Bin Jelmoood House Faith, Ethics and the Environment	Mohammed Bin Jassim House Biodiversity in Hot and Arid Lands	
1:30pm - 2:00pm	COFFEE BREAK			
2:00pm - 3:15pm	Closing Plenary Session 4 Sustainable Use of Natural Resources: Local Innovations			

EARTHNA VILLAGE

The Earthna Summit invites sustainability stakeholders from across the world to share their lived experiences, their indigenous knowledge, their research and innovations, and their ideas and solutions. It aims to catalyze a two-way conversation between those who have globally universal sustainability expertise, and those whose specific knowledge of their environment, its history, and how their ancestors addressed challenges that existed in their time as they do in ours can offer practicable, relevant solutions that enrich the global conversation on sustainability and climate change.

To put this conversation in action, the Earthna Summit is hosting the Earthna Village at Barahat Msheireb that will showcase indigenous, sustainable practices that tackle cultural, environmental, and social sustainability. The exhibition will have three themed zones: the sea, food and ancestral tools, and textiles and crafts. Additionally, the exhibition's agora section will host practitioners to hold short, interactive discussions with the audience about their exhibits, their connection to sustainability, the sustainability challenges their countries and regions face, and how they can be addressed. Some exhibitors will also have the opportunity to host mini-workshops on their exhibits and sustainability solutions.



BADGE COLLECTION

Collecting your Badge:

All registered delegates will need the accreditation badge to access summit venues and areas.

Badge collection for registered delegates*:

Monday, 6 March and Tuesday, 7 March at:

 **Mandarin Oriental Hotel**
9am-6pm

Wednesday, 8 March and Thursday, 9 March at:

 **Mandarin Oriental Hotel**
7am-6pm

*We encourage all delegates to collect their badges on the dates prior to the event to avoid long queues on the day of the event.

Useful Numbers:

Logistics hotline number: **+974 77004425**

Police, Fire, Ambulance: **999**

Traffic & Patrol Police Department: **44890666**



SESSIONS IN DETAIL

Building New Sustainability Frameworks for Hot and Arid Environments

Mandarin Oriental Ballroom

8 March, 9am

Sustainability has been a constant feature in news headlines over recent years. Despite numerous pledges and multiple attempts to address environmental degradation, humanity is still moving towards an unsustainable path that will leave future generations with a planet that is less abundant than when their elders received it. The triple planetary crisis of pollution, climate change and biodiversity loss, is a direct consequence of human activity. However, progress is possible thanks to advances in science and technology, and people must remember that throughout history, human societies have overcome many of the challenges that the planet has presented us with. Nevertheless, people and technology alone cannot help us to find new pathways for sustainability. To ensure that environmental degradation is halted, particularly in hot and arid climates, societies must first fully understand what sustainability means in this context, and where agriculture is challenged, water and biocapacity is limited, and climate conditions are harsh.

At the same time, it must be acknowledged that it is only at the intersection of society, the economy and the environment, that sustainability can truly be achieved. The intricate interconnected relationship between humans and the planet, however, is best understood by those who have been living closest to the land for millennia. Many indigenous and first people do not have a word for climate change, but they understand the land, and hold ancestral knowledge that can help governments and policy makers manage the unprecedented challenges that the world is facing. Their roots, heritage and traditions are intertwined with respect for the land they come from. How can we find inspiration from their historical practices? What can we learn from them, and how can we apply this wisdom today in hot and arid environments?

The opening plenary explores these challenges, frames the relevant sustainability questions in the context of hot and arid environments, and draws inspiration from ancient knowledge and the importance of cultural heritage.

Moderator:



Dr. Ameena Hussain

Speakers:



HE Sheikha Hind Al-Thani



HE Sheikh Dr. Faleh Al-Thani



HE Abdulrahman Al-Eryani



Habes Howail

Global Challenges to Food Security: Indigenous Knowledge Systems and their Applications

Mandarin Oriental Ballroom

8 March, 10:45am

Climate change is going to have a drastic impact on dryland ecosystems, and the almost 2.5 billion people who inhabit them. Dry areas are expected to become dryer and more water-stressed, and the soils within them will continue to progressively degrade, resulting in increased desertification. In turn, this desertification will put pressure on farming and food systems globally, enhancing humanitarian crises and migration.

This session will invite a number of State leaders and Heads of international organizations to discuss the solutions that can be put in place in hot and arid environments, to create more resilient and sustainable food systems. The group will explore the role of technology in meeting this challenge and ways to better leverage traditional and indigenous knowledge

Moderator:



Dr. Zeinab Bashir Elbakri

Speakers:



H.E. Hakainde Hichilema



H.E. Julius Maada



The Rt Hon Patricia Scotland



Jai Shroff

SESSIONS IN DETAIL

Circular Economies in Hot and Arid Environments

 Bin Jelmoor House

8 March, 10:45 am

The pursuit of a truly circular economy is key to addressing the triple planetary crisis of pollution, climate change and biodiversity loss.

When it comes to securing a circular economy, many believe the focus should simply be on waste, its avoidance, reuse, and recycling. And while these are of course key aspects of circularity, the fundamental reason for governments to stimulate the transition of their economies is resource efficiency and extracting as little from the Earth's natural capital as possible.

A new report on creating a circular economy in Qatar, commissioned by Earthna, will be released in the coming weeks. During this session, participants will help to inform this report by drawing on national and international best practice, and insight from academia and the public and private sectors, to explore solutions and develop a pragmatic approach to establishing and applying a circular economy in Qatar, relevant to the country's unique circumstances.

Moderator:



The Rt Hon. the Lord Mandelson

Speakers:



Dr. Aiduan Borrion



Dr. Pranab Baruah



John Kelly



Alice Brown

Climate Change Adaptation: Indigenous Knowledge and Resilience

 Mandarin Oriental Ballroom

8 March, 12:45pm

The impacts of climate change are no longer a future threat – they are already being felt around the world. Rising sea levels have placed small island and coastal states at risk of land loss and rising temperatures. And decreasing rainfall is increasing desertification, creating additional challenges for already harsh hot and arid environments, including land degradation, lower crop yields and an increase in extreme weather. These impacts are threatening the livelihoods and way of life of millions around the world.

However, it is important to remember that humans have adapted to extreme and changing conditions for millennia. When seeking to address climate change and enhance resilience and adaptation in hot and arid climates today, it is important to consider and be inspired by the historical knowledge of the ancient inhabitants of these lands.

In this session, participants will hear from experts from countries which have extreme environments, and learn how cultural heritage and wisdom can be harnessed to inspire solutions to the world's current problems.

Moderator:



Ms. Folly Bah Thibaut

Speakers:



Mr. Manvendra Singh Shekhawat



Dr. Abdullah Saif Salim Al-Ghafri



Ms. Emmanuela Shinta

SESSIONS IN DETAIL

Mega Events and Their Legacy

8 March, 12:45pm

 Bin Jelmoood House

As mega sporting events continue to draw larger crowds, and leave a growing impact on their host cities, they garner heightened scrutiny by governments, international media, academics, and practitioners. It is now imperative to take stock of the legacy of past mega events to reassess the metrics used to gauge their impact and sustainability within the relevant context.

How do mega sport events change the host cities? Beyond the infrastructure and aesthetic changes, how is the host city impacted by the cultural and knowledge exchange? How can cities obtain long-lasting benefits from these mega events for their inhabitants? Do current bidding and delivery appraisal frameworks for sustainability consider each proponent's unique regional and national social and ecological challenges?

This session will identify the long-term costs and benefits of staging mega sport events in a host country. It will also discuss alternative measurement methodologies for current and future national bidding offers and delivery assessments.

Moderator:

Speakers:



Ms. Nihal
Mohamed Al-Saleh



Ms. Alexandra
Chatat



Mr. Faisal
AlKooheji



Ms. Sabika
Shaban



Dr. Kamilla
Swart



Eng. Bodour
Al-Meer



Mr. Nasser Al
Khater

Global Trends in Energy and Economics

8 March, 12:45pm

 Mohammed Bin Jassim House

Human societies are currently using natural resources faster than at any other time in history, and while some argue that this rate is unsustainable, others tell a different story. Superabundance, a recent book published by public policy research organization the Cato Institute, argues that global abundance has been increasing faster than population growth, therefore enhancing social welfare because of innovation, technology, and science. Can the earth sustain the current levels of consumption? Are there alternative approaches to measuring and delivering sustainability, wellbeing, and productivity? What roles do markets and governments play in allowing or impeding human flourishing?

During this session, panelists will discuss the extraordinary progress that human societies have achieved in recent decades thanks to science, technology, and economic growth, and explore whether this rate of progress can be maintained indefinitely.

Moderator:

Speakers:



Dr. Gonzalo
Castro de la Mata



Mr. Ian Vásquez



Mr. Manuel
Pulgar-Vidal



Dr. Matthew
Agarwala



Dr. Rabah
Arezki,



Ms. Lorna
Ritchie

SESSIONS IN DETAIL

Sustainability Frameworks for Hot and Arid Countries

 Mandarin Oriental Ballroom

8 March, 2:15pm

Existing sustainable development frameworks and indices are not always applicable to the national context within which they are being implemented. A recent Qatar-focused study, led by Earthna, disaggregates the country-specific findings of the Changing Wealth of Nations framework developed by the World Bank. The study's objective is to inform policy makers of the strategic considerations related to managing contrasting stocks of capital that must be taken into account when defining a relevant development framework for sustainability in Qatar and other hot and arid regions.

This is particularly relevant to the sustainable development debate, which stresses the importance of natural capital without appropriate consideration for regions with low natural capital endowments such as Qatar, where the economy is built upon non-renewable natural resources.

To that end, how should we define sustainability for hot and arid countries? What sustainability framework should these countries adopt? And what is their role in solving global sustainability issues?

Moderator:

Speakers:



Ms. Nihal Mohamed Al-Saleh



Dr. Matthew Agarwala



Dr. Kamiar Mohaddes



Dr. Amy Binner



H.E. Fahad Bin Mohammed Al-Attiyah

Sustainable Architecture in the Middle East and North Africa Region

 Bin Jelmood House

8 March, 2:15pm

This session features Architect Abdel Wahed El-Wakil, one of the most important pioneers of inherited architecture in the Arab world and beyond. El-Wakil is known for his sustainable and environmentally friendly designs and is considered one of the most important experts when it comes to traditional architectural styles. Born on August 1943, in Cairo, Abdel-Wahed El-Wakil is well-known for his awe-inspiring mosques in Saudi Arabia and other countries. He is one of the foremost contemporary authorities on Islamic architecture. El-Wakil, a modern architect by education, was inspired by Professor Hassan Fathy (1989-1900), and joined his path in the search for traditional, ancient, and indigenous architecture. He is considered the foremost practitioner of masonry construction in Islamic architecture today. His commitment to the traditions of construction as an integral component of contemporary architecture informs all aspects of his architecture and urbanism.

Moderator:

Speakers:



Architect Abdel Wahed El-Wakil



Dr. Zeinab Bashir Elbakri

SESSIONS IN DETAIL

Sustainability Transitions in Sub-Saharan Africa's Dry and Arid Lands

 Mohammed Bin Jassim House

8 March, 2:15pm

In the last two decades, cities in Sub-Saharan Africa have witnessed burgeoning development and are facing large increases in population. Urban areas provide better economic opportunities and have become safe havens for people escaping conflict, famine, and drought. The impacts of climate change on rural livelihoods – such as desertification and rainfall volatility – and the associated migration are expected to increase the infrastructure burden on urban areas. This is particularly problematic for countries with dry and arid climates. Today, Sub-Saharan African cities have relatively low environmental footprints, but as governments expand key infrastructure to accommodate new urban residents, the rapid development of cities in the sub-continent must be both sustainable and appropriate for the diverse social, cultural, and geographic contexts. Whether this expansion is achieved by following tried and tested approaches, or by adopting innovative approaches to leapfrog the barriers of traditional infrastructure is a hotly debated question among development experts.

This session explores pathways that could be adopted to achieve this transformation and ensure a sustainable expansion of vital infrastructure.

Moderator: **Speakers:**



Ms. Lorna Ritchie



Dr. Zeremariam Fre



Dr. David Simon



Dr. Muez Ali



Dr. Sandile Mbatha

Biodiversity, Ecosystems and Values

 Mandarin Oriental Ballroom

8 March, 3:45pm

The global loss of biodiversity is the Earth's 'silent crisis'. The speed of loss is increasing, putting ecosystems at risk and threatening numerous of species with extinction. A root cause of this crisis is that human societies are increasingly disconnected from nature.

How can we communicate and garner support for the protection of biodiversity in a way that leads to action? Can we leverage inspiration from nature to promote more sustainable lifestyles? In this context, local communities are still key to protecting biodiversity.

This plenary session encourages participants to discuss new and creative ways of protecting the Earth's biodiversity. During the session, Dr. Jane Goodall will talk about her work and what she has learned from her life's research living with Chimpanzees. She will explain how her work has translated into new understandings of species, and consider the role of humans in biodiversity conservation. Dr. Goodall will also draw on her experience living with local indigenous communities around the world and the learnings derived from ancestral practices that can help ensure the sustainability and preservation of the Earth's biodiversity into the future.

Moderator: **Speakers:**



Ms. Folly Bah Thibault



Dr. Jane Goodall

SESSIONS IN DETAIL

Governing our Climate Future

9 March, 9am

 Mandarin Oriental Ballroom

The challenging state of the global environment, underscored by the United Nations' Secretary General, has given rise to the triple planetary crisis of pollution, climate change and biodiversity loss. To date, governance approaches to enabling the systematic shifts needed to curb emissions and to limit global temperature rise to a maximum °1.5 C (required to avoid the most extreme effects of climate change), have proved insufficient.

Society is at a crossroads of collective action, and the Climate Governance Commission (Co-Chaired by Mary Robinson, Maria Fernanda Espinosa, and Johan Rockström) will bring new perspectives to address shared climate governance, seeking to recommend new ideas and possible ways forward.

At the same time, youth around the world are demanding action; they are standing up for their right to a stable climate, and for overall planetary ecological health. Youth foresee that they will inherit a very different planet than the one that exists today. Increased desertification, land degradation, extreme temperatures, and extreme weather events are only a few examples. Younger generations need to be empowered, and there must be inclusive dialogue on shared governance for the planet's future.

In this session, young people will be invited to share their insights and leadership on environmental topics, in dialogue with Commissioners serving on the Climate Governance Commission.

Moderator: **Speakers:**



Maja Groff Esq



HE Bader Omar
Ismail Al Dafa



Sharan Burrow



Dr. Arunabha Ghosh

Technical Session: Global Energy Transitions

9 March, 10:30am

 Mandarin Oriental Ballroom

Geopolitical events have deeply shaken global energy markets, moving energy security to the top of the agenda. Renewable energy remains a cornerstone in the future of power generation, but the use of fossil fuels has increased as various countries struggle to find a new energy mix. Some questions to be addressed include: What is the current status of the global energy transition (ET)? What are the key drivers of this, and how have they evolved in the past decade and more recently? What are the characteristics of the ET from a regional perspective? And what key policies internationally are affecting this? Have these policies been effective? And finally, is there a role for fossil fuels in the ET?

Moderator: **Speakers:**



Omran Hamad
Al-Kuwari



Gergely
Molnar



Marcello
Contestabile



Dr. Muez Ali



Dr. Dhabia Al-Mohannadi

SESSIONS IN DETAIL

Youth Empowerment for a Sustainable Future

9 March, 10:30am



Bin Jelmoood House

Young people are the game changers of the next era. Accounting for over half of the world's population, they are increasingly aware and more concerned with the severe effects of climate change than previous generations. Despite their strong willingness to take bold action to address climate change, young people face obstacles at national and international levels, hindering their opportunity to convert ideas into concrete and tangible actions.

How can we empower youth to obtain leadership roles and bring impactful climate action? What are the tools and the skills needed to prepare them for future green economies? What role should educational institutions play? And how can education for sustainability be integrated at every level of the educational system?

In this session, panelists will examine what has been done, and what can still be done, to support young people and to help them secure a sustainable future. Panelists will discuss what a holistic green agenda looks like and consider the efficacy of local strategies in a global world.

Moderator:



Ms. Shahd
Dauleh

Speakers:



Dr. Daniela
Corsaro



Dr. Isabella
Maggioni



Dr. Massimiliano
G. Falcone



Ms. Denise
Amyot



Ms. Fatima El
Mahdi



Ms. Muznah
Siddiqui

Green Technology and Decarbonization

9 March, 12:30pm



Mandarin Oriental Ballroom

Severe disruptions from the COVID19- pandemic and geopolitics have pushed us further away from the Paris agreement targets. As the effects of global warming continue to mount, it becomes apparent that simply reducing carbon emissions may not be sufficient to get us back on track.

In this context, this session examines the role of renewable energy, local solutions, grassroots movements and decarbonization technologies, exploring their advantages, barriers for development and use cases in hydrocarbon-reliant economies and beyond.

Moderator:



Omran Hamad
Al-Kuwari



Dr. Ehab
Elsonbaty



Dr. Arunabha
Ghosh



Bhadra Kanaiya



Marc Vermeersch

SESSIONS IN DETAIL

Faith, Ethics and the Environment

9 March, 12:30pm

 Bin Jelmoood House

All ecosystems on the planet are interconnected. Their interrelationships are finely balanced, and can be either maintained or weakened by human activity. Climate change is only one of the severe consequences that society's actions can have on the world. And while science makes it clear that that climate change has become the defining crisis of the time, it also demonstrates that it is not too late to prevent the situation from worsening. However, to do this there will need to be a fundamental transformation in all aspects of society, and an approach that brings people from different backgrounds together, working towards a common goal. Interfaith and values dialogue can facilitate this approach by helping communities to see beyond their differences and enabling them to work towards a more resilient and sustainable world, that respects the interconnectedness of humanity as a whole. What are the common ecological values and ethics that the world's faiths share? What resources in traditional texts can we draw upon to help improve our relationship with nature? And how can these values and resources be used to create a green future, where harmony is restored between people and the planet?

This session will investigate how awareness of faith can become a crucial catalyst to the adherence of communities to positive climate action. It will examine how moralities can be turned into actions and policies, and how places of worship can spread environmental awareness and drive positive climate action.

Moderator:



Ms. Ruba Hinnawi

Speakers:



Dr. Recep Sentürk



Dr. Alejandro Chafuen



Mr. Kamran Shezad



Eng. Mohamed Hassona

Biodiversity in Hot and Arid Lands

9 March, 12:30pm

 Mohammed Bin Jassim House

Drylands cover %41 of the world's land surface, yet their environmental importance is often overlooked. While commonly perceived as barren, drylands host some of the most resilient endemic biodiversity, and account for nearly half (%44) of all cultivated systems, directly impacting the daily survival of 2 billion people.

Drylands have been inhabited by many ancient civilizations and are therefore often the location of heritage sites of global importance. This can add a layer of complexity that must be considered when conservation and restoration are proposed. Moreover, policy formulation and management strategy become yet more complex when Qatar's overarching context is considered. In Qatar, drylands merge into productive marine ecosystems, as is the case for all the countries that surround the Gulf and within the Arabian Peninsula. Also, the rapid urbanization of the region has resulted in these quintessential drylands becoming increasingly interspersed with urban landscapes, most being designed in ways more suited to temperate-climate ecosystems.

In Earthna's report "Pathways to Sustainability in Hot & Arid Lands: Qatar's Ecology - Assessment with Recommendations", experts have assessed the status of these cross-cutting issues, and made recommendations that are specific to Qatar, yet applicable to drylands across the globe.

Moderator:



Dr. Alexandre Amato

Speakers:



Dr. Aspa D. Chatziefthimiou



Jassim Lari



Dr. Manjula Tiwari



Dr. Kay Van Damme

SESSIONS IN DETAIL

Sustainable Use of Natural Resources: Local Innovations

 Mandarin Oriental Ballroom

9 March, 2pm

What are the lessons from the past that we can carry forward into our future?

Indigenous peoples have always been vulnerable to the impacts of climate change and environmental degradation. Because of this, ancestral indigenous knowledge provides a unique, rich source of understanding about the natural world, and demonstrates a deep respect for the environment. The erosion of indigenous peoples' way of life and knowledge systems represents a critical risk to their cultural identity. With their deep connection to, and dependence on the land, they act as custodians to ancestral wisdom, and are key to preserving valuable historic information. Although they represent only %5 of the world's population, indigenous peoples inhabit up to %25 of the Earth's surface, an area which holds %80 of the planet's biodiversity.

This session starts with a Denesuline elder from the Northwest Territories of Canada, active in protecting the Dene way of life (Dene Ch'anie). The Denesuline have adapted to extreme arid and cold weather conditions for generations. The session will also highlight Qatari Bedouin leaders and knowledge keepers, who will share their wisdom on how their ancestors adapted to the extreme arid and hot nature of the Qatari desert.

The session and the Summit are closed by Earthna's CEO, who will thank the participants and summarize the key learnings and outcomes achieved over the course of the Summit. This must be our sustainability legacy, Earthna.

Moderator: Speakers:



Ms. Folly Bah
Thibault



Dr. Francois
Paulette



Ali Taleb Al
Henzab



Habes Howail



Dr. Gonzalo
Castro de la Mata

SPEAKERS



**HER EXCELLENCY
SHEIKHA HIND BINT
HAMAD AL THANI**

Vice Chairperson &
Chief Executive Officer

Qatar Foundation (QF)



**HIS EXCELLENCY SHEIKH
DR. FALEH BIN NASSER
BIN AHMED AL THANI**

Minister of Environment
and Climate Change

State of Qatar



**HIS EXCELLENCY
HAKAINDE HICHILEMA**

President

Republic of Zambia



**HIS EXCELLENCY DR.
JULIUS MAADA**

President

Republic of Sierra Leone



**THE RT HON PATRICIA
SCOTLAND KC**

Secretary-General

Commonwealth



DR. JANE GOODALL, DBE

Founder

The Jane Goodall
Institute & UN
Messenger of Peace



**NASSER FAHAD AL
KHATER**

Chief Executive Officer

FIFA World Cup Qatar
2022 LLC



DR. MATTHEW AGARWALA

Economist

Bennett Institute for
Public Policy, University of
Cambridge UK



DR. ARUNABHA GHOSH
Founder and CEO

Founder and CEO

Council on Energy,
Environment and Water



IAN VÁSQUEZ

Vice President for
International Studies

CATO Institute



DENISE AMYOT

President and CEO

Colleges and Institutes
Canada



DR. ALEJANDRO CHAFUEN

Managing Director,
International

Acton Institute



MANUEL PULGAR-VIDAL

Global Leader of Climate
and Energy

World Wildlife Fund



DR PRANAB BARUAH

Qatar Country
Representative (Director)

Global Green Growth
Institute



DR. DAVID SIMON

Professor of
Development Geography

Royal Holloway, University
of London



DR. AMEENA HUSSAIN

Language Center
Director

HBKU

[Learn more about Earthna Summit 2023 speakers here](#)

SPEAKERS



DR. RICHARD PONZIO

Director of the Global
Governance

Stimson Center



SHARAN BURROW

Former General
Secretary

International Trade Union
Confederation



DR. EHAB ELSONBATY

Partner in New York
Office, Chair-US/Middle
East Initiative

DLA Piper LLP



DR. AIDUAN BORRION

Associate Professor,
Co-Director

UCL Circular Economy Lab



KAMILLA SWART-ARRIES

Secretary-General

Commonwealth



DR. MANJULA TIWARI

President & Conservation
Scientist
Ocean Ecology Network,
Research Affiliate of NOAA



**MR. MANVENDRA
SINGH SHEKHAWAT**

Founder & CEO

DHUN



DR. ABDULLAH AL-GHAFRI

Professor of the UNESCO
Chair on Aflaj Studies,
Archeaohydrology

University of Nizwa



MS. FOLLY BAH THIBAULT

Al Jazeera English
Presenter



KAMRAN SHEZAD

Director

Islamic Foundation for
Ecology and Environmental
Sciences



**DR KAY VAN DAMME
SAWADOGO MAÏGA**

Researcher, Nature
Specialist, Chairperson

Friends of Socotra



**HE ABDUL-RAHMAN
AL-ERYANI**

Former Minister of Water
and Environment in the
Republic of Yemen



**DR. GONZALO GONZALO
CASTRO DE LA MATA**

Executive Director

Earthna



EMMANUELA SHINTA

Dayak Activist and
Environmentalist

World Wildlife Fund



DHABIA AL-MOHANNADI

Assistant Professor,
Chemical Engineering

Texas A&M University Qatar
Institute



RABAH AREZKI

Senior Fellow

Harvard University
Kennedy School

[Learn more about Earthna Summit 2023 speakers here](#)

SPEAKERS



BHADRA KANAIYA, CFA

Co-Founder and
Managing Partner

Sunways Global Group



SABIKA SHABAN

Founder

Qatar Disability Resource



DR. KAMIAR MOHADDES

Associate Professor,
Economics & Policy

Judge Business School,
University of Cambridge



DR. ISABELLA MAGGIONI

Associate Professor of
Marketing

ESCP Business School



DR ZEREMARIAM FRE

Associate Professor

The Bartlett Development
Planning Unit, University
College London



DR. FRANCOIS PAULETTE

Retired Dene Chief

Professor at University of
Alberta and Chair of the
Institute of Circumpolar
Health



**MASSIMILIANO
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EARTHNA'S COMMITMENT TO SUSTAINABILITY

Earthna is committed to adopting sustainable practices throughout the summit's operations. Earthna Summit will be held in Msheireb Downtown, a neighborhood acknowledged for its environmentally-conscious practices through its green-certified venues, sustainable transport, and energy conservation initiatives.

Earthna Summit has adopted digital branding, minimal on-site branding and wayfinding with environmentally friendly materials, and low-waste practices through the summit operations to achieve reduced carbon footprint levels.



Green-Certified Venues



Energy & Water Efficiency



Digital Branding



Low Waste & Recycling



Carbon Offsetting



Sustainable Transport

EXPLORE MSHEIREB



Getting around Msheireb and Earthna Summit is easy and convenient. Summit venues are walking distance away from each other. Dedicated wayfinding can be found around Msheireb to guide all Earthna Summit delegates and participants.

Msheireb Downtown is the world's first fully built smart and sustainable city district and the new destination for living, leisure, and business. Its prime location in the heart of the capital makes it the perfect location for retail, commercial, residential and civic services. Msheireb Downtown Doha is fully sustainable with all buildings either Gold or Platinum LEED-certified, and adhere to the highest standards in green building services. Blending the best of Qatar's architectural heritage with modern design, Msheireb Downtown Doha is also smart since its inception and adopts the latest advanced technology features in its infrastructure, and services to cope with the next generations' needs. Msheireb Downtown Doha is an integrated city that embraces modern fully furnished residential units, a range of mixed-use and commercial buildings that offer a wide array of retail and business services, and cultural buildings. It is also the home to Msheireb Museums, Mandarin Oriental Hotel, Al Wadi Hotel -MGallery by AccorHotels, Park Hyatt Hotel, Msheireb Galleria, and Barahat Msheireb- the biggest open-air covered pedestrian square in the region.

The Msheireb tram transport system is also available for those interested in exploring the rest of the area. The Msheireb metro station is your gateway to explore the rest of the city of Doha and its many unique attractions.

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