



إكسبو 2020
دبي، الإمارات العربية المتحدة
DUBAI UNITED ARAB EMIRATES



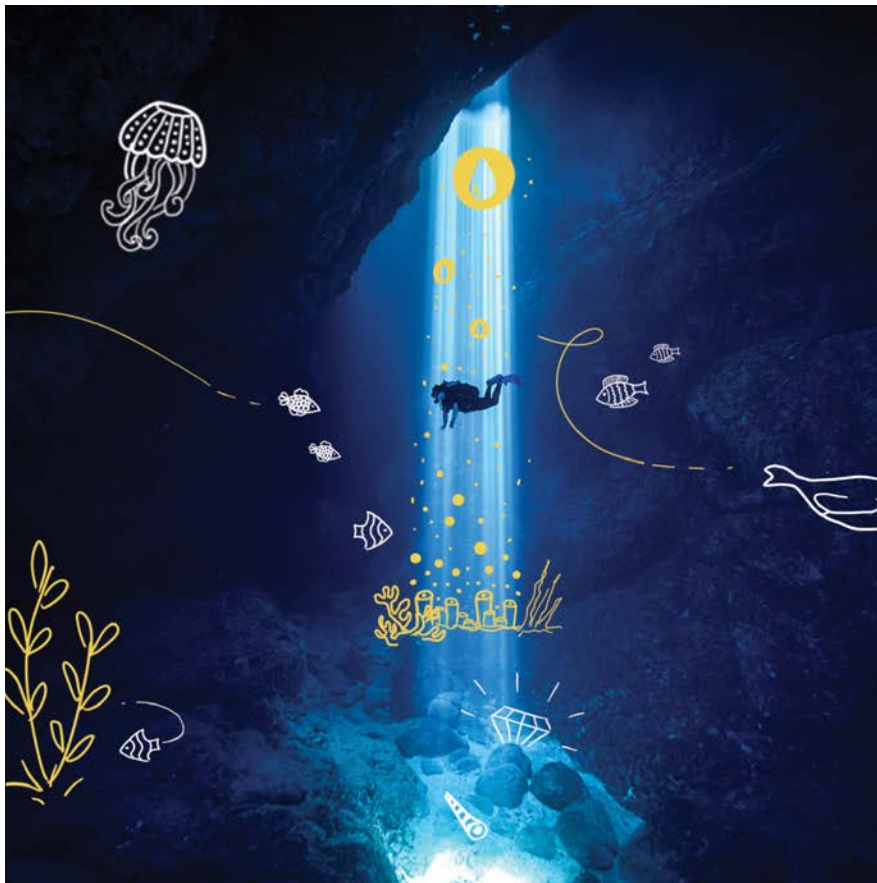
المجلس العالمي
WORLD MAJLIS

Expo 2020 Dubai Programme for People and Planet

WORLD MAJLIS AGENDA

WATER WEEK

20 – 26 March 2022



DATE

Monday March 21, 2022

TIME

4.00 to 6.00 PM

VENUE

Terra – the Sustainability Pavilion

THE TOPIC

LIVING OCEANS

Reversing our impact on marine ecosystems

The ocean is the origin and the engine of all life on this planet — and it is under threat. How can we stop marine pollution and safeguard the most fundamental of our planet's life-support systems?

According to the United Nations, marine life is suffering irreparable damage from a combination of chemical pollution and waste dumped in the world's oceans each year.

Marine debris has formed five giant garbage patches around the world. Plastics are set to outnumber fish in the seas by 2050. Chemical fertilisers, that ultimately make their way to the oceans, are accelerating the development of "dead zones", areas where the lack of oxygen makes it impossible for marine life to exist.

Our oceans, which cover two thirds of the Earth's surface, supply 70 percent of the oxygen we breathe, 97 percent of our water and precious nutrients for human health. How can we break the vicious cycle of pollution before these vital supplies become unable to support our well-being and that of the planet?

A growing number of initiatives across the world are now seeking to turn the tide on the destruction of our oceans.

- What are the major threats to the ocean?
- What are short term fixes vs long term solutions?
- What are the most promising areas of technological innovation?
- How do we create a greater awareness of the role of oceans in our lives and translate it into real change?

MODERATOR

John Defterios

**Former CNN Emerging Markets Editor;
Professor of Business, NYU-Abu Dhabi**



John Defterios is veteran, award winning journalist and economic analyst with more than 35 years of experience at CNN, Reuters, and PBS Television in the United States.

John recently retired as CNN Business' Emerging Markets Editor and Anchor. Based in the network's Abu Dhabi bureau since 2011, his reporting focused on the top business stories from emerging economies, with a specialty in trade, geo-politics and energy.

He is a Strategic Senior Advisor for the global public affairs firm APCO Worldwide, board member in media and the youth development arenas, Professor of Business at NYU-Abu Dhabi and World Economic Forum Energy Fellow.

Defterios arrived to the UAE during the regional uprisings of the Arab Spring and covered the economic rebuilding and challenges across the region. Major story coverage included: the impact of Covid-19 on the global economy, oil prices collapsing into negative territory for the first time, the Ritz Carlton crackdown on corruption and the passing of King Abdullah in Saudi Arabia. He was key member of the CNN team that won the coveted Alfred I. Dupont award for in-country coverage between 2017-18.

Defterios was a World Economic Forum media leader from 1995-2021, a member of the Global Agenda Council on the Arab World and is a WEF Energy Fellow. He also serves on the board of the Stern Stewart Institute in Germany, a non-for-profit group promoting leadership and entrepreneurship.

PARTICIPANTS

Irène Hediger

Head of artists-in-labs, Zurich University of the Arts (Zürcher Hochschule der Künste), Switzerland



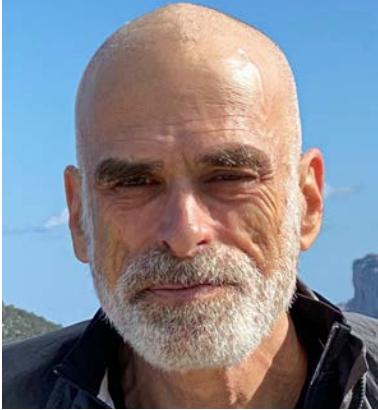
Irène Hediger is head of the artists-in-labs program (AIL), Department of Cultural Analysis at Zurich University of the Arts. She curates and promotes inter- and transdisciplinary exchange and practices at the interface of art, science and technology in the fields of environmental science, astrophysics, biology, neuroscience and medicine. In 2009, she initiated the International artists-in-labs Residency Exchange program with scientists and artists from China, South Africa, Saudi Arabia, Russia and Switzerland on environmental challenges and regional implications of climate change.

Hediger has curated numerous exhibitions and accompanying programs on contemporary art, science and technology such as: "Quantum of Disorder", "(in)visible transitions", "Displacements – Art,

Science and the DNA of the Ibex” and “Propositions for A Poetic Ecosystem” in Jeddah and “Interfacing New Heavens” in Pretoria. She writes essays and has published books. Sh holds a degree in Business Administration, Organizational development (DAGG) and a MAS in Cultural Management, University of Basel.

Tom Hennes

Founder and Principal, Thinc Design, USA



Tom Hennes founded Thinc Design in 1995 as an extension of a 15-year career as a theatrical designer in New York. Under his guidance, the award-winning exhibition design firm has successfully completed visitor experiences for museums, visitor centers, zoos, aquaria, art installations, and cultural attractions in the United States, Italy, South Africa, The Netherlands, Vietnam, China, Jordan, Nepal, India, and the UAE, where he led exhibition design for Terra, the Sustainability Pavilion for Expo 2020 Dubai.

Hennes’ has written extensively on museums as zones of exploration, social discourse, negotiation, and memorialization, publishing articles in numerous publications, including *Informal Learning Review* and *Curator: The Museum Journal*, for which he also served as Associate Editor, *Theory and Practice*. He has presented papers and lectured about his work to an array of audiences, including the American Alliance of Museums, the Gravity Free Multidisciplinary Design Conference, The Providence Athenaeum, the Chicago Humanities Festival, the International Aquarium Congress, the Inclusive Museum Conference, the American Psychological Association, the New York State Psychological Association, and several ICOM conferences.

Tom taught at Rhode Island School of Design and for Pratt Institute’s summer program at Boisbucet, France. He has conducted workshops and given talks for New York University’s Interactive Telecommunications Program, University of Pretoria, University of Missouri–St. Louis, and the Department of Architecture at the University of California, Berkeley. He holds multiple patents for immersive theatres and 3-D projection techniques, and also serves on the Board of Trustees of the William Alanson White Institute for Psychiatry, Psychoanalysis, and Psychology, in New York.

Jo Ruxton, MBE

Founder, Ocean Generation, UK



Jo graduated from London University with a degree in Marine Science. She started the first marine programme for WWF in Hong Kong, where she raised her family, and was a key advocate for the establishment of the first marine parks there.

She returned to live in the UK and was a Producer at the BBC Natural History Unit and a lead member of the BBC’s diving team, producing, and directing underwater sequences since the first days of filming on *Blue Planet*.

Disappointed in the lack of conservation messages in BBC films, she left in 2008 to work independently to produce, *A Plastic Ocean*, (Netflix). She founded the charity, Ocean Generation (formerly Plastic Oceans).

She lives in Cornwall close to her daughters and their families and when not diving on location she enjoys cold-water sea swimming, whatever the season. Jo was awarded an MBE in the 2022 New Year's Honours for services to marine conservation.



Mohammed Slaise

Pearl diver and field researcher, DANAT (Institute for Pearls & Gemstones), Kingdom of Bahrain

Mohamed Slaise is known for his relationship with the sea. He is a passionate pearl diver and DANAT's Field Researcher by profession. Mohamed is responsible for the conducting, planning, delivering of research studies related to pearling, recording the historical data, beliefs and stories, developing and conducting DANAT's tours.

His previous experiences include managing the operations of 2 major island resorts in the Kingdom of Bahrain, Al Dar Islands Resort for 10 years and Hawar Islands for 4 years both in terms of eco-tourism and developing marine conservation programs and conducting and guiding tours. For 16 consecutive years, Mohammed has dedicated a lot of his time and effort into contributing towards reviving the pearling industry in Bahrain. His curiosity and love for the marine life has led him towards spending his years diving into Bahrain's seas in search for the perfect Dana and continues to this very day.

His dedication to the Kingdom of Bahrain has led him to where he is now as a Field Researcher at Bahrain Institute for Pearls & Gemstones (DANAT), documenting all his marine experience about Bahrain's gem - natural pearls.



Prof Ir. Dr. Zaini Ujang

Secretary General, Ministry of Environment and Water, Government of Malaysia

Zaini Ujang (Dato Seri Dr Ir) is the Secretary General, Ministry of Environment and Water since March 2020.

Prior to his current assignment, he was Secretary General for various ministries on higher education, energy, green technology, and water. He was appointed professor in environmental engineering in 2002 and became Vice-Chancellor of Universiti Teknologi Malaysia (2008-2013).

He has vast academic and professional networks, as former Vice President, International Water Association (2004-2006), journal editor of Water Science and Technology (since 2000), visiting professor at Imperial College London, Lund (Sweden), Tsukuba (Japan) and research associate at MIT. He has published more than 300 articles and wrote 46 books. He was the first recipient of the prestigious Merdeka Award (scholastic achievement) in 2009.

VIRTUAL PARTICIPANTS

Nina Jensen

CEO, REV Ocean, Norway



Nina Jensen is a champion of global environmental conservation and is currently the CEO of REV Ocean. She has a passion and commitment for the ocean and a proven track record of making a positive impact over a 20-year career. Inspired by witnessing threats to the ocean, she is now dedicated to ocean conservation and finding global sustainable solutions.

As Secretary-General of WWF Norway, Nina was an active campaigner for defending the health of Norwegian waters and has fronted WWF's long-standing work of promoting robust marine protection laws. She was also an early advocate for the Norwegian Oil Fund to withdraw from coal and instead invest in renewable energy. Due to her tireless efforts as a prolific environmental crusader, she was appointed as a Young Global Leader in March 2014 by the World Economic Forum.

Nina holds a master's degree in Marine Biology from the University of Fishery Science in Tromsø and has studied communications and marketing at Ogilvy & Mather. She is a Board member of The Business for Peace Foundation, Aker Offshore Wind, Aker Carbon Capture, The Norwegian Brain Tumor Association, Project Energy Reimagined, OceanWise and C4IR Ocean. She is also a proud member of the Friends of Ocean Action, an Advisor to the High-Level Panel for a Sustainable Ocean Economy and a Jury member of the Postcode Lotteries Green Challenge.

Katia Nicolet

**Scientist aboard Energy Observer
Doctor, Marine biology, France**



Katia Nicolet is a doctor in marine biology, with a profound admiration for nature and everything that lives and breathes. During her six years researching coral diseases on the Great Barrier Reef, Katia witnessed first-hand the damage and destruction to coral reefs due to direct and indirect anthropogenic activities. Frustrated by the lack of tangible actions being taken to stop climate change, she joined Energy Observer in 2020, the first green hydrogen ship in the world and a company committed to accelerating the energetic and ecological transition so crucially needed to avoid the worst of the climate crisis. Katia now sails the seas to spread her knowledge on marine science and renewable energies.

VIDEO CONTRIBUTION FROM



Dr P.E. Daniel MARIE

Officer in Charge, Mauritius Oceanography Institute (MOI)

Dr Marie joined the Mauritius Oceanography (MOI) Institute in November 2000 as Project Officer in Chemical Oceanography. He was formerly a scholar both the Tertiary Education Commission of Mauritius and Association of Commonwealth Universities scholarship for his postgraduate studies. He finalized his Ph.D. in Chemistry of Natural Products at the University of Strathclyde in Glasgow, Scotland. He was awarded a Ph.D. in 2001. In 2002, he won a postdoctoral fellowship by the "Agence Universitaire de la Francophonie" and he spent almost one year at the "Universite Catholique de Louvain", in Brussels, Belgium.

As a researcher, Dr. Marie has invested all his time investigating marine sponges found in Mauritius Waters looking for molecules which could be drug lead in the treatment of cancer, Alzheimer, and diabetes. Dr. Marie was also the coordinator of an International Atomic Energy Agency (IAEA) funded project which aims at measuring identifying Submarine Groundwater Discharge around the coast of Mauritius using naturally occurring radioisotope.

Dr. Marie was promoted to the post of Principal Research Scientist in 2009. He was Country Coordinator for the Western Indian Ocean Marine Science Association (WIOMSA) from 2010 to 2016 and he was the Focal point for the Agulhas and Somali Currents Large Marine Ecosystems project (ASCLME) from 2010 to 2013. He has been at the helm of the MOI from 2012 to 2014 and 2015 to 2016. Dr. Marie has been appointed Deputy-Director of the Mauritius Oceanography Institute in 2016 and is presently the Officer in Charge of the MOI since December 2020.



Jacqueline Sauzier

President, Mauritius Marine Conservation Society – (MMCS)

Jaqueline Sauzier is the General Secretary of the Mauritius Chamber of Agriculture since April 2012.

Mrs. Jaqueline Sauzier holds a DESS 'Exploitation des Ressources Vivantes Côtieres', University of Caen, France. She has a wide range of experience from project management in various sectors to administration skills, with good communication. She has a proven dedication towards sustainability in various sectors from marine environment, agriculture, or renewable energy.

She is the President of the Mauritius Marine Conservation Society since 2006. Mrs. Sauzier has been decorated on the 14th July 2016 by the French Government as Chevalier de l'Ordre du Mérite Agricole and on the 12th March 2022 has been awarded the National title of Commander of the Order of the Star and Key of the Indian Ocean (CSK) for her contribution to Agriculture.