

# CLIMATE | OCEAN | CHANGE

## 9TH HAIFA CONFERENCE IN MARINE SCIENCES

19 June 2022 | 09:00 - 18:00

09:00 - 10:00 Registration + Coffee

### 10:00 - 10:20 OPENING REMARKS AND GREETINGS

**CHAIR: Ms. Debi Ramon**, Student Co-Chair of Conference, PhD Student in Marine Biology, Leon H. Charney School of Marine Sciences, University of Haifa.

**Dr. Vladimir Ryabinin**, UNESCO-IOC Executive Secretary, France

**MK Tamar Zandberg**, Minister of Environmental Protection, Ministry of Environmental Protection, Israel

**Mr. Nachson Zuk**, Deputy Mayor of Haifa, Israel

**Prof. Ilana Berman-Frank**, Head, Leon H. Charney School of Marine Sciences, University of Haifa

### 10:20 - 11:40 SESSION I: PROBLEM

**CHAIR: Ms. Alyssa Pietraszek**, Student Co-Chair of Conference, PhD Student in Marine Geosciences, Leon H. Charney School of Marine Sciences, University of Haifa.

**10:20-10:35 Dr. Beverly Goodman Tchernov**, Leon H. Charney School of Marine Sciences, University of Haifa: "Eastern Mediterranean Climate|Ocean|Change" and introduction of Prof. Amy Clement

**10:35-11:20 Keynote Speaker Prof. Amy Clement**, University of Miami, USA: "Does the Ocean Matter for Predicting the Future Climate?"

### 11:20-11:40 Flash Talks I - Students

Karin Pitlik, Ruppin Academic Center: "The Potential Effect of the Nile Damming and Global Change Processes on Lightning Flash Intensity Over the Mediterranean Sea"

Nadav Cohen, University of Haifa: "Data Driven Doppler Velocity Log Navigation for Autonomous Underwater Vehicles"

Ernst Uzhansky, University of Haifa: "Spatio-Temporal Variability of Free Gas Content in Sediments of Lake Kinneret, Israel"

Re'em Neri, Ben-Gurion University of the Negev: "Mining Social Media for Elasmobranch Fishery Data in Conflict Zones: The Gaza Strip as a Case Study"

Semion Polinov, University of Haifa: "Spatial and Temporal Assessment of Oil Spills in the Mediterranean Sea"

### 11:40-12:00 Coffee Break

### 12:00 - 13:45 SESSION II: EVIDENCE

**CHAIR: Dr. Akos Kalman**, Conference Planning Committee, Post-Doctoral Fellow in Marine Geosciences, Leon H. Charney School of Marine Sciences, University of Haifa.

**12:00-12:10 Prof. Gur Alroey**, Rector, University of Haifa, Introductory Remarks

**12:10-12:40 Prof. Kenny Broad**, University of Miami, USA: "Coastal Caves, Blue Holes, Climate"

**12:40-13:15 Dr. M Jackson**, Explorer, National Geographic Society: "Arctic, Ocean, Climate"

**13:15-13:30 Prof. Tali Mass**, Leon H. Charney School of Marine Sciences, University of Haifa: "Climate According to the Corals"

**13:30-13:45 Flash Talks II - Students**, Alhan Abu Hamoud, Kathrine Marsay, Orzion Levy, and Ofakim Honors Program

Alhan Abu Hamoud, University of Haifa: "The Potential Contribution of SAR11 to Global Warming via Methyl-Phosphonate Biosynthesis"

Katherine Marsay, Ariel University: "High-Resolution Screening for Taxa with Preference for Plastic Surfaces"

Orzion Levy, University of Haifa: "INS/DVL Fusion with DVL Based Acceleration Measurements"

Ofakim Honors Program, University of Haifa: "Humans and Coastlines"

### 13:45-14:45 Lunch



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## 14:45 - 16:00 SESSION III: SOLUTIONS

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**14:45-14:55** Prof. Ron Robin, President, University of Haifa, Address to Conference

**14:55-15:10** Dr. Yaeli Rosenberg, ECONcrete: "Responsible Marine Construction in the Era of Climate Change"

**15:10-15:25** Mr. Arik Rosenblum, CEO, EcoOcean: "Beating the Climate Change Blues"

**15:25-15:40** Mr. Alon Rothschild, Biodiversity Policy Manager, Israel Society for the Protection of Nature (SPNI): "Building Resilience Through National Level Action"

### 15:40-16:10 Flash Talks III - Industry

Seakura: Dr. Yossi Tal, Chief Technology Officer

GeoTeva: Raz Studny, Head of Desalination Department

Save It: Omer Mosenzon, Co-Founder & CEO

Zevel Rebel: Talya Herring, Founder & CEO

Home BioGas

### 16:10-16:40 Poster Session & Wine

## 16:40 - 17:25 CLOSING EVENT

**CHAIR:** Ms. Debi Ramon, Student Co-Chair of Conference, PhD Student in Marine Biology, Leon H. Charney School of Marine Sciences, University of Haifa.

**16:45-17:15** Dr. Sylvia Earle, Mission Blue: "Hope For and From the Ocean in a Time of Climate Change"

## 17:15 - 17:25: PRIZES AND PRESENTATION OF BEST TALKS/POSTERS