



WS 7: Marine Research in Fragile and/or Protected Ecosystems

ASSEMBLE Workshop

**Interuniversity Institute for Marine Sciences, Eilat, Israel,
January 28-30, 2013**

Sunday January 27, 2013: day of arrival

Monday January 28: (in lecture room of IUI lab building)

09:00-09:15: Introduction and announcements, Simon Berkowicz (Hebrew University/IUI) & Dr. Maoz Fine (Bar Ilan University/IUI)

09:15-10:00: “The ecology of the Gulf of Aqaba”, Prof. Amatzia Genin (Hebrew University/IUI), Prof. Amatzia Genin (Hebrew University/IUI)

10:00-10:30: “On managing and protecting a fragile ecosystem”, Dr. Assaf Zevuloni (Israel Nature and Parks Authority, Eilat)

10:30-10:50: Break

10:50-11:30: “The Israel National Monitoring Program in the Gulf of Aqaba”, Dr. Jonathan Shaked (Hebrew University/IUI)

11:30-12:15 “Modeling the impact of white-plague coral disease in climate change scenarios”, Dr. Assaf Zevuloni (Israel Nature and Parks Authority, Eilat)

12:15-12:50: “International legal aspects regarding marine scientific research in fragile/protected ecosystems”, Ms. Bleuenn Guilloux (Université de Nantes, France)

13:00-14:00: Lunch at Eilat Underwater Marine Observatory (UMO) (next door to IUI) for the overseas participants and invited guests.

14:10-17:00: Tour/lecture, Eilat Underwater Marine Observatory (UMO); “What are we protecting/researching?” UMO presentation by Mr. Aviv Levy on educational outreach activities.

19:00: dinner for the overseas participants and invited guests at Orchid Hotel dining hall (across from IUI)

Tuesday January 29 (in lecture room of IUI lab building)

09:00-09:10: Announcements

09:10-10:00: "Monitoring biodiversity without destroying the reef", Prof. Nancy Knowlton (Smithsonian Institution, National Museum of Natural History, Washington, DC, USA)

10:00-10:40: "How can physiology explain the diversity of coral response to stress?" Dr. Christine Ferrier-Pages (Centre Scientifique de Monaco)

10:40-11:00: break

11:00-11:45: "Managing rare, highly variable communities in protected areas", Dr. William Sanderson (Marine Alliance for Science & Technology, Marine Biodiversity, School of Life Sciences, Heriot-Watt University, Scotland)

11:45-12:30: "Lake Kinneret (Sea of Galilee) as a fragile ecosystem", Prof. Aaron Kaplan (Hebrew University of Jerusalem)

13:00-14:00 Lunch at IUI for the overseas participants and invited IUI staff.

14:15-17:00: Short presentations by representatives from ASSEMBLE project marine stations on Workshop issues related to their respective stations.

14:15-14:35: Station Biologique de Roscoff (France), Mr. Laurent Leveque

14:35-14:55: Observatoire Océanologique de Banyuls (France), Dr. Pascal Romans

14:55-15:15 : Sven Lovén Centre for Marine Sciences - Tjärnö & Kristineberg (Sweden), Mr. Martin Larsvik

15:15-15:30: break

15:30-15:50: Algarve Marine Sciences Centre, Faro (Portugal), Dr. Ana Amaral

15:50-16:30: "Scottish Association for Marine Science, Dunstaffnage Marine Laboratory (Scotland, UK), Dr. Martin Sayer and Ms. Christine Beveridge

16:30-16:50 : Some background on the proposed Red Sea-Dead Sea Canal, Simon Berkowicz, (Hebrew University of Jerusalem/IUI)

19:00: dinner for overseas participants at Orchid Hotel dining hall (across from IUI)

Wednesday January 30 (in lecture room of IUI lab building)

09:00-09:10: Announcements

09:10-09:45: "Studying corals in situ and lab/aquarium controlled conditions", Dr. Maoz Fine (Bar Ilan University/IUI)

09:45-10:30: "Serendipity and physical impact case studies on biodiversity hotspots", Dr. William Sanderson (Marine Alliance for Science & Technology, Marine Biodiversity, School of Life Sciences, Heriot-Watt University, Scotland)

10:30-10:50: break

10:50-11:30: "The rise and fall of corals?" Dr. Dan Tchernov, University of Haifa

11:30-12:10: "Emergency environmental response preparedness in the Gulf of Aqaba", Mr. Ariel Fridman (Israel Ministry of the Environment)

12:10-12:40 : Summary discussions

13:00-14:00: Lunch at IUI for the overseas participants and invited IUI staff.

14:15-16:30: a) Research Vessel cruise (weather permitting) but maximum of 12 passengers. Cruise ends at the Eilat Marina in the city center. At liberty to tour in town/shopping area and return by taxi to IUI/Orchid Hotel.

Or: b) Option to do snorkeling on the IUI premises. Wet suit, snorkel, etc provided by IUI.

20:00 Dinner for overseas participants and invited guests at Orchid Hotel dining hall (across from IUI)

Thursday January 31; Departure of Assemble station participants

- Breakfast will be the last meal offered to the Assemble station participants staying at the IUI dorms.