

Tal Amit
Resume

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Name: Tal Amit
Nationality: Israeli
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Date of birth: 17-Aug-1983

Education:

2016-present: PhD in bivalve's metabolism and ecophysiology, Tel Aviv University, George S. Wise Faculty of Life Science, Department of Zoology, and Ruppin Academic center; under the joint supervision of Prof. Yossef Loya. and Prof. Gitai Yahel.

Research thesis: An in situ study of the metabolic strategies of bivalves residing in oligotrophic seas.

2012-2014: M.Sc. summa cum laude in Coral Reef Ecology, Tel Aviv University, George S. Wise Faculty of Life Science, Department of Zoology, under the supervision of Prof. Yossef Loya.

Research thesis: Ecology and physiology of symbiotic communities of corals along a depth gradient at the gulf of Eilat.

2008-2011: B.Sc. summa cum laude, Ruppin Academic Center, School of Marine Science, Michmoret, Israel.

Marine Science major. Dean's list each academic year.

1998-2001: Reali High-School in Haifa (Graduated with honors).

Employment history:

2014-2016: Research assistant, Ruppin Academic Center, School of Marine Science

Project manager: "Rehabilitation of Israeli Mediterranean Estuaries". Responsible for field monitoring, chemical analysis, data analysis.

2012-present: Teaching assistant, Ruppin Academic Center, School of Marine Science.

- Oceanographic research cruise course
- Chemical oceanography course
- Invertebrates zoology course
- The Mediterranean intertidal ecosystem course
- Underwater research methods course
- Scientific diver (AAUS) course

2013-2014: Teaching assistant, Tel Aviv University, George S. Wise Faculty of Life Science, Department of Zoology.

- Biometry for Biologists course

- Introduction to Marine Biology course

2008-2014: Research assistant and environmental instructor; Eco Ocean- Marine Research and Education Non-Profit Organization (Activities in the Mediterranean and the Red Sea).

Conducting spatial and temporal surveys off shore and monitoring the Mediterranean coast line (R/V Mediterranean Explorer research ship); lecturing and guiding groups of students on all aspects of marine life.

September 2011- July 2012: Coral Biologist, SeaMarc- System Engineering & Marine Consulting Kuda Huraa, Maldives

Responsible for coral restoration projects, transplanting and monitoring artificial coral reef settlement construction around the island; conducting coral cover surveys and reef fish surveys; data processing and analysis (coral growth, coral mortality, reproduction, etc;), working with CPCe, imageJ, ODV, Rstudio, etc; lecturing and guiding excursions for tourists and locals on marine environment with emphasis on coral reef ecosystem; guiding boat and shore dives for groups up to 20 people.

2006-2011: Research assistant, Israel Oceanographic & Limnological Research Institute (IOLR), Prof. Baruch Rinkevich's lab.

Research of methodologies for coral reef restoration at the Gulf of Eilat. Monitoring and transplanting over 1400 corals, data analysis and processing using different programs.

2011: Laboratory technician - Ruppin Academic Center, School of Marine Science

Conducting DNA extraction, qPCR, FISH, DAPI; working at sea with CTD, rosette etc;.

2004-2008: Scuba diving instructor. Dolphin Reef Diving Center, Gulf of Eilat, Red Sea.

Guiding underwater dives and deep dives at all Gulf of Eilat dive sites; Organizer and instructor of diving safaris in Aqaba, Jordan, the Red Sea. Diving experience includes over 5000 dives.

Awards and fellowships:

- Council for higher education- Hammer excellence scholarship, 2013
- Ministry of Science and Technology award for Excellence in tutoring, 2010

Skills and Certification:

TDI- Decompression procedure diver

TDI- Trimix diver (max certified depth: 60m)

American Academy of Underwater Sciences (AAUS)-Scientific Diver and Instructor

Scuba Schools International (SSI)-Diving Assistant Instructor

International Skipper Certificate- Israeli Ministry of Transport (vessels up to 24 meters).

Driving license

Languages:

English - Excellent level of speaking, reading and writing

Hebrew –Primary language

French – Conversational