

Yossi Loya – CV highlights

For full CV see: <http://en-lifesci.tau.ac.il/profile/vosilova>

Professor Emeritus of Marine Ecology
School of Zoology, Tel Aviv University
Tel Aviv, 69978 Israel

Date of birth: 23 May, 1942
Place of birth: Plovdiv, Bulgaria
Year of immigration: 1944
Zahal, Military Service: 1960-1962
Marital Status: Married to Shosh Loya
Children: Yael, Shay and Assaf



➤ Education

- **B.Sc.** - Biology, Tel Aviv University (TAU); (1962-1965);
- **M.Sc.** - Dept. of Zoology, *cumma sum laude*, TAU, (1965-1967);
- **Ph.D.** - Dept. of Ecology & Evolution, SUNY at Stony Brook, N.Y (1967-1971);
- **Post-doctorate** - Marine Ecology, Woods Hole Oceanographic Inst., Mass. (1971-1972).

➤ Academic and Professional Experience:

- **Lecturer** (1972-1976); Dept of Zoology, TAU.
- **Senior lecturer** (1976-1980); Dept of Zoology, TAU.
- **Associate Professor** (1980-1986); Dept of Zoology, TAU.
- **Full Professor**-(1986-2011); Dept of Zoology, TAU.
- **Professor Emeritus** (since 2011).
- **Chair** - The Zoological Society of Israel (1977-1979).
- **Chief Scientist**- Ship expeditions to Southern Red Sea (1980, 1982, 1984, 1986, 1988, 1991).
- **Chairman** - Dept. of Zoology, TAU (**1988-1989**).
- **Dean** - Faculty of Life Sciences, TAU (**1990-1995**).
- **Director**- The Porter Center for Ecological and Environmental Studies (**1995-2000**).
- **Endowed Chair; Raynor Professor** for Environmental Conservation Research (TAU), (**1997-2012**).
- **Adjunct Professor** – Center of Excellence for Coral Reef Studies James Cook Univ., Townsville, Australia (**2008- present**).
- **Member of Israel Academy of Sciences and Humanities** (since 2009).

➤ Visiting professor:

- **The Australian Institute of Marine Science (AIMS) and James Cook Univ. (JCU) of North Qld. Dept. of Marine Ecology (*Senior Queen Elizabeth Fellow*) (1979-1980).**
- **Scripps Inst. of Oceanography** La Jolla, San Diego USA (**1985-1986**).
- **University of the Ryukyus, Tropical Biosphere Research Center, Okinawa, Japan** (during June, July, and August of 1995, 97, 99, 2004, 06, 07, 08, 09, 10, 12, 14, 16, 17).
- **University of California Los Angeles (UCLA), Dept. of Ecology and Evolution (2007-2008).**
- **Center of Excellence for Coral Reef Studies, James Cook Univ., Townsville, Australia (2009).**

➤ Tel Aviv University Administrative Duties:

- **Dean** - Faculty of Life Sciences, TAU (**1990-1995**).
- **Member** - Board of Governors (1990-1995); TAU Central Committee (composed of Faculty Deans, Rector and President (1990-1995); Board of Trustees (1990-2002); TAU High Academic Nomination Committee (2004-2007).

➤ Israeli academic advisory boards:

- **Member** -Scientific advisory board Nature Protection Authority, Israel (1980-1985);
-Israel Academy of Science- Basic Research Foundation: (1986-1991);
-Israeli Ministry of Science: Germany Israel Marine Biology Program (1995-1999);
-Israel Science Foundation (Ecology committee): (1997-1999, 2007, 2012, 2014, 2016).
- **Chair** - Board of Directors- Inter-Univ. Inst. of Marine Sciences (IUI), Eilat (1995-1999).
- **Chair** - **Advisory Board: Batsheva de Rothschild Fund for the Advancement of Science in Israel** - Under the auspices of the Israel Academy of Sciences (since 2016).

➤ International scientific committees:

- **Member of the Scientific Organizing Committee of the International Coral Reef (ICRS) Symposia:** 3^d ICRS Miami, Florida (1977); 4th ICRS: Philippines (1981); 5th ICRS: Tahiti (1985); 6th ICRS; Australia (1988); 7th ICRS: Guam, June (1992).
- **Council Member** – The International Society for Reef Studies (ISRS) – (1982-1992).
- **Head** – The Israeli Scientific Delegation to the UN Conference on Environmental Development (UNCED) Rio-de Janeiro, Brazil - (1992).
- **Member** - The Israeli scientific delegation to the Israel-Jordan Peace Talks establishing the Red Sea Marine Park Aqaba, Jordan (1993-1994).
- **Chair** - The Israeli Man and the Biosphere (MAB) Committee, UNESCO (1993-2000).
- **Chair and Organizer** – 2nd International Mesophotic Coral Reef Workshop; Oct. 26-31, 2014. Inter-University Institute (IUI), Eilat, Israel.

➤ International advisory boards and working groups:

- **Member** - The Scientific Review Board, Oil Spill Project, Smithsonian Tropical Research Institute (STRI, Panama) – (1986-1991).
- **Member** - The Advisory and Review Board of the Research Institute of the Subtropics, Okinawa Japan (Coral bleaching project) (2002-2006).
- **Co-Chair**- GEF/IOC/World Bank Working Group on Coral Bleaching (2004- 2011).
- **Chair** - Israeli Scientific Committee for Oceanic Research (SCOR).
- **Chair** - Scientific Board of the Australian Research Council (ARC) Center of Excellence for Coral Reef Research (2006- 2014).

➤ Founding editor -“*Coral Reefs*” (1st editor of the Biology Section) Springer-Verlag (1982-1986).

➤ Fellowships and prizes:

- **Senior Queen Elizabeth Fellow (79-80):** Australian Inst. of Mar. Sci. and James Cook Univ. of N. Qld.
- **The Darwin Medal (Millennium Year -2000):** The most prestigious prize of the International Society for Coral Reef Studies (ISRS) awarded once every four years, "for life contribution to coral reef research".
- **The Landau Prize (2003):** Awarded, together with Professor E. Rosenberg (TAU) by Mifaal Hapais for "original outstanding research contribution to the field of Ecology and Environmental Quality".
- **Honorable membership in the Israel Society of Zoology (2011)** "in recognition of his important contribution to research, teaching, education and nature conservation".
- **Emet Prize in Environmental studies (2015):** "for his pioneering and groundbreaking achievements in coral–reef research and for his seminal contribution in developing quantitative methodologies for assessment of biodiversity and health of coral communities".

➤ Research grants (1972-2019):

Recipient of over 50 competitive National and International grant awards including: BSF, ISF, GIF NIH, MERC-AID, EU, Harbor Branch Sea Pharm, NOAA, BMBF, MED-POL, GEF/IOC/World Bank, ITI; Italian Ministry of the Environment; Israeli Ministries of: Science, Environmental Protection, Commerce and Industry; and others.

➤ Supervision of graduate students:

Mentored over 50 M.Sc. students, 27 Ph.D. students and 12 Post docs comprising a significant proportion of the academic backbone of environmental researchers in Israel (faculty members of almost all academic and research institutions in Israel). Currently supervising six Ph.D. students.

➤ Active participation in scientific meetings:

Invited Keynote speaker (18 meetings); speaker in over 120 international conferences, symposia and workshops in the fields of: Biodiversity; Marine Ecology and Environmental Quality; Marine Pollution; Global warming effects on coral reefs; Coral bleaching and diseases; Environmental Conservation and Management of Nature Reserves.

➤ Publications:

Author and editor of four books on coral reefs and over 260 publications in leading international journals e.g., *Ecology*; *Ecol. lett.*; *Amer. Natur.*; *Proc. Nat. Acad. of Sci.*; *Limno. & Oceanog.*; *Proc. Roy. Soc. Biol.*; *PloSBio*; *Sci. Rep.*; *Jour. of Exp. Biol.*; as well as general journals such as *Nature* and *Science* (7 publications). Some of the seminal publications on biodiversity, coral reproduction, coral bleaching and nature conservation have become classic milestones in the ecological literature.