

**CURRICULUM VITAE****Aldo Shemesh****A.**

Married + 3; Israeli citizenship  
 Army Service: 1971-1975  
 Address: Department of Earth and Planetary Sciences  
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**B. Academic Background**

<b>Date</b>	<b>Institute</b>	<b>Degree</b>	<b>Area of specialization</b>
1986	Hebrew University of Jerusalem	Ph.D	Geology, isotope geochemistry
1981	Hebrew University of Jerusalem	MSc	Oceanography, stable isotopes
1979	Hebrew University of Jerusalem	BSc	Geology and Chemistry

**M.Sc Thesis:** Carbon isotopes and the carbonate system in the Gulf of Eilat

**Ph.D. Dissertation:** Stable isotopes and rare earth elements in phosphatic rocks.  
 Advisers: Y. Kolodny and A. Katz.

**C. Employment**

<b>Date</b>	<b>Institute</b>	<b>Title</b>	<b>Research Area</b>
2011-	Weizmann Institute of Science	Full Professor	Geochemistry, Paleooceanography
1995-2011	Weizmann Institute of Science	Associate Professor	Geochemistry, Paleooceanography
1997-2003	Weizmann Institute of Science	Head of Department	
1991-1995	Weizmann Institute of Science	Senior Scientist	Geochemistry, Paleooceanography
1988-1991	Weizmann Institute of Science	Scientist	Geochemistry, Paleooceanography
1986-1988	Lamont Doherty Earth Observatory of Columbia University, NY, USA	Post Doctoral research scientist	Oceanography, Marine Chemistry, Geology

#### **D. Academic Administration**

- 2014- Head, The De Botton Center for Marine Science, Weizmann Institute of Science
- 1998-2003 Head, The Sussman Family Center for Environmental Sciences, Weizmann Institute of Science.
- 1997-2003 Head, Department of Environmental Sciences and Energy research, Weizmann Institute of Science.

#### **E. Other Employment and activities**

##### **Visiting Scientist:**

- Summer 2018 Visiting Scientist, EPFL, Lausanne, Switzerland.
  - Sept-Oct 2017 Visiting Professor, Tongi University, Shanghai, China
  - Apr-May 2016 Visiting Scientist, Otago University, New-Zealand
  - Summer 2010 Visiting Scientist, Museum of Natural History, Paris
  - Summer 2008 Visiting Scientist, Museum of Natural History, Paris
  - Summer 2007 Visiting Scientist, Museum of Natural History, Paris
  - Summer 2006 Visiting Scholar, James Cook University, Australia
  - Summer 2004 Visiting Scientist, Cambridge University, UK.
  - Summer 2002 Visiting Scientist, University of Bordeaux, France.
  - Summer, 1997 Visiting Scientist, Stockholm University, Sweden.
- NFR fellowship.

Member of the Scientific Advisory Committee Marine Spatial Policy Plan for Israel's territorial Waters and Exclusive Economic Zone Of the Mediterranean Sea (Since 2014).

Member of the Faculty of Chemistry Promotion Committee (Since 2013).

Member of the Scientific Committee of the Mediterranean Sea Research Center of Israel (Since 2012).

Editor – Biogeosciences, Journal of the European Geosciences Union (Since 2009).

Co-Convener of sessions in the European Geosciences Union General Assembly, Vienna, during the annual meetings of 2008, 2009, 2010.

Member of the Committee for National Oceanographic Research and Studies, Established by the Planning and Budgeting Committee (VATAT; 2009-2010).

Member of the Board, The Inter-University Marine Laboratory, Eilat, Israel (1994-2010).

JAC (Joint Advisory Committee) Member, GLOWA Jordan River Project, BMBF-MOS (from 2004)

Advisory Committee to the Chief Scientist of the Ministry of Environment, Gulf of Eilat management (from 2004)

Associate Member, SCOR/IMAGES Working Group on Analyzing Links Between Present Oceanic Processes and Paleo Records (from 2004).

**Reviewer for Scientific Journals:** Science, Nature, Paleoceanography, Geophysical Research Letters, Geochimica et Cosmochimica Acta, Earth and Planetary Science Letters, Deep Sea Research, Quaternary Science Reviews, Global Biogeochemical Cycles, Journal of Paleolimnology, Chemistry and Ecology, Reviews of Geophysics.

**Reviewer for funding agencies:** NSF, US-Israel Binational Science Foundation, German Israel Science Foundation, Israel Ministry of Science, Israel Ministry for Infrastructure, NERC-UK, Marsden Fund –Australia.