

## Curriculum Vitae

### A) Personnel:

1- Name : Dr. Hany A. M. Abdel-Salam

2- Citizenship : Egyptian

3- Martial Status : Married

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### B) Education:

1- Ph. D. In Marine Ecology (Coral Reefs Ecology), Institute of Ecology University of Georgia, USA. (Institute of Ecology at the University of Georgia was the first Institute for Ecological and Environmental Sciences in the world. Late Prof. Dr. E. P. Odum who was considered the father of modern Ecology, was a member of my doctoral committee) . The title of the dissertation was: The Physiological Effects of Environmental Stress on Atlantic Reef Corals (Effects of Sedimentation, Effects of Sewage Pollution, Effects of Heavy Metals Pollution).

2- M. Sc. In Marine Ecology (Ecology of The Red Sea), Dept. of Zoology, Cairo University, Egypt. The title of the thesis was: Occurrence and Distribution of Some Heavy Metals in Water and in Some fish Species From The Red Sea).

3- B. Sc. In Zoology, Dept. of Zoology., Cairo University, Egypt.

### **C) Training:**

- 1- Training as Scientist/diver in Under Sea Research Program Sponsored by (NOAA), in years of (1984, 85, 88), US Virgin Island, USA.
- 2- Training on Analysis of Marine Pollution (Oil Pollution), and Tropical Marine Invertebrates, Bermuda, 1986.
- 3- PADI Open Water Diver Certificate, USA, 1984.
- 4- Training on Assessment of Marine Pollution at US Environmental Protection Agency Lab. (EPA), and Duke University, Marine Lab., USA, 1978.
- 5- Training on Marine Biology, Duke University, Marine Lab., USA, 1977.
- 6- Training on Ecology of the Red Sea and Gulf of Aden, ALECSO, EGYPT, 1977.

### **D) Experience:**

- 1-Faculty member at Faculty of Science (Associated Prf.), University of Benha, Benha, EGYPT. 2011- now.
- 2-Faculty member at Faculty of Science, University of Benha, Benha, EGYPT. 2008-2011.
- 3- Tutorial for Biology and Ecology at University of Toronto (UFT), Toronto, Canada. 2004-07.
- 4- Faculty member at Tabuk teacher's College, Biology Dept., Tabuk, Saudi Arabia, 2001-04.
- 5- Faculty member at university of Benha , Zoology Dept.,1995-01.
- 6- Faculty member at UAE University, Biology Dept., 1993-95.
- 7- Research Ecologist at the Committee of Planning and Environment for Dhofar, Sultanate of Oman 1992-93.
- 8- Consultant at Ministry of Tourism of Egypt for the Red Sea Coastal Management Program 1991-92.
- 9- Teaching Assistant at the University of Georgia, Dept. of Biology, USA, 1987-89.
- 10- Research Assistant at Institute of Oceanography and Fisheries, Hurghada, Red Sea, EGYPT, 1975- 82.
- 11- Awarded Scholarship for studying at the University of Georgia, Institute of Ecology for Ph.D. in Marine Ecology, 1983-89.

### **E) Other Experiences:**

- 1-Founder and Editor of these Sites:

- a) Web Site of Zoology Dept., Faculty of Science, Benha University:  
<http://www.zoologydeptbenhauniv.blogspot.com/>
- b) Web Site of Egyptian Society for Biological Sciences:  
<http://www.esfbs.blogspot.com/>
- c) Web Site of Comprehensive Library of Biological Sciences:  
<http://benhalibrary2.blogspot.com/>
- d) Web Site of Marine Biological Station at Al-Ghardaqa (Hurgada), Red Sea: A Great Science History:  
<http://benhahurghada.blogspot.com/>
- 2- Computer administrator at Tabuk Teacher's College, KSA.
  - 3- Collecting biological materials (invertebrates) from the ocean and bottom of the ocean (benthic organisms) by using either SCUBA or different methods on research vessels.
  - 4- Analyzing organic and inorganic chemicals by using different techniques such as HPLC and Atomic Absorption.
  - 5- Analyzing research data using different types of statistical analysis and experimental designing.
  - 6- Identification most of marine organisms (invertebrates) *in situ* and experience in collecting museum samples.
  - 7- Underwater research photographer.
  - 8- Environmental Impact Assessment (EIA) for varieties of projects.
  - 9- Marine Pollution and aquatic toxicology expert.
  - 10-Multi-media producer for all teaching subjects.

#### **F) Conferences Attended:**

Attended different technical and scientific meetings and was a member of scientific committees in different countries such as: AUSTRALIA, USA, CANADA, EGYPT, UAE, SAUDI ARABIA, QATAR, and OMAN.

#### **G) Membership:**

- 1- American Society for Limnology and Oceanography.
- 2- Zoological Society of Egypt.
- 3- Egyptian-German Society for Zoological Studies.
- 4- Egyptian Society for Biological Studies

### **H) Advising:**

- 1- Academic Advisor for undergraduate and postgraduate students at different Institutions (Instructor for Ph.D, and M.Sc students).
- 2- Advisor for societies of undergraduate students at different institutions.
- 3- Title of Thesis supervised by Dr. Hany A. Abdel-Salam and awarded M. Sc. degree in 2011 was: Distribution and Prevalence of Coral Diseases in Some Locations Along The Red Sea Coast, Egypt.

### **I) Teaching experience:**

- 1) Taught these courses at different institutions and on undergraduate and postgraduate levels:  
Marine Biology, Marine Ecology, Coastal Management, Invertebrate Zoology, Animal Biology, Basic Biology, Basic Ecology, Advanced Invertebrate Zoology, Algae, Applied Marine Biology, Environmental Sciences, Chordates, and Embryology.
- 2) Established first post-graduate program (M.Sc.) in Environmental Sciences at United Arab Emirates University (in Coastal Management and Marine Ecology) .
- 3) I am also professional in producing Teaching Material Aids (Audio-Visual Aids).
- 4) Under-Water and digital Photographer.

### **J) REFERENCES:**

- 1- Dr. J. W. Porter, Institute of Ecology, University of Georgia, Athens, Ga, 30602, USA.
- 2- Dr. K. G. Porter, Institute of Ecology, University of Georgia, Athens, Athens, Ga., 30602, USA.
- 3- Dr. Lawrence R. Pomeroy, Institute of Ecology, University of Georgia, Athens, Ga, 30602, USA.

### **List of publications by Dr. Hany A. Abdel-Salam**

- 1- Abdel-Salam, H.A.** ; Ali, A.A.M. and Ismail, A. R. (2010). Coral diseases prevalence in El-Ain Al-Sukhna area, Red Sea, Egypt . Proceedings of The Sixth International Conference on Biological Sciences, Tanta University , Tanta, Egypt, November, 2010.
- 2- Abdel-Salam, H.A.** ; Ali, A.A.M. ; Ismail, A. R. (2010). Hurghada coral diseases;are they due to the impacts of global warming or mass tourism? Egypt. Acad. J. Biolog. Sci., 2 (2) : 33-46 (2010).
- 3-Abdel-Salam, H. A.;** Kamel, A. S. (2008): Ecosystems of Arabian Peninsula. Publication of Dar El-Nahada El-Arabia. 23 Abdel-Khalek Tharwat St., Cairo, Egypt.
- 4-Ramadan, S.E.;** **Abdel-Salam, H.A.;** Fishar, M.R.A. I. (1998): Population studies on bottom invertebrates of lake Qarun, Egypt.. Proceedings of Symposium of Journal of the Egyptian-German Society of Zoology, University of Tanta, Egypt, March, 1998.
- 5-Abdel-Salam, H. A.;** Porter, J.W. (1994). Effects of sewage pollution on reef-corals and algal turf. Proceedings of Regional Environmental Symposium on Ecosystems, Environmental Protection and Graduate Education in Environmental Sciences, University of UAE, Al-Ain, UAE, Dec., 1994.
- 6- Abdel-Salam, H. A.;** El-Amry, M. (1994). Diversity of seashells on the coasts of the United Arab Emirates. Proceedings of Regional Environmental Symposium on Ecosystems, Environmental Protection and Graduate Education in Environmental Sciences, University of the UAE, Al-Ain UAE, Dec., 1994.
- 7-Abdel-Salam, H.A.** (1994). Shallow reef corals of Marbat, Dhofar, Sultanate of Oman Proceedings of Gulf Symposium on Environmental Biology, University of Qatar, Doha, Qatar, May, 1994.
- 8- Abdel-Salam, H.A.;** Mohamed, H. A.; Ali, A.A.M. (1994). Population studies on shallow reef corals of Al-Ghardaqa, Red Sea. Proceedings of Symposium on Red Sea Environment, Faculty of Marine Sciences, King Abdul-Aziz University, Jeddah, Saudi Arabia, April, 1994.
- 9- Abdel-Salam, H. A.;** Mohammed, H.A.; Ali, A.A.M. (1994). Sea urchins of shallow reef corals of Al-Ghardaqa, Red Sea. Proceedings of Symposium on Red Sea Environment, Faculty of Marine Sciences, King Abdul-Aziz University, Jeddah, Saudi Arabia, April, 1994.
- 10- Abdel-Salam, H.A.;** Mohamed, H.A.; Ahmed, M.S. (1994). Diversity indices of shallow reef corals around Al-Ain El-Sukhna, Gulf of Suez, Red Sea. Proceedings of Symposium of Journal of the Egyptian-German of zoology, University of Monfia, Egypt, March, 1994.

- 11- Abdel-Salam, H.A.** (1994). Some Ecological observations on the sandbars of certain khawrs (Coastal Lagoons) in Dhofar, Sultanate of Oman. *J. Egypt. Ger. Soc. Zool.* Vol. 13(D), 491-506.
- 12- Abdel-Salam, H.A.;** Mohamed, H.A.; Ahmed, M.S. (1993). Population studies on the shallow reef corals around Al-Ain El-Sukhna area, Gulf of Suez, Red Sea, *J. Egypt. Ger. Soc. Zool.* Vol. 11 (D), 239-257.
- 13- Abdel-Salam, H.A.** (1993). Effects of oil pollution on reef building-corals, a review paper, *J. Egypt. Ger. Soc. Zool.* Vol. 12 (D), 211-217.
- 14- Abdel-Salam, H.A.** (1993). Impacts of land filling on coral reef ecosystem of South Magawish, Hurghada, Red Sea. *J. Egypt. Ger. Soc. Zool.* Vol. 11 (D). 187-198.
- 15- Abdel-Salam, H.A.** (1990). "Suezian Migration" a new name for an old ecological approach. *Proc. Fifth Symp. of Zoo. Soc. Egypt.* (Egypt), 1990, 1:217-220.
- 16- Abdel-Salam, H.A.;** Porter, J.W. (1988). Physiological effects of sediment rejection on photosynthesis and respiration rate of three Caribbean reef corals. *Proc. Sixth Internat. Coral Reef Symp.* (Australia), 1988, 2:285-292.
- 17- Eisa, M.S.;** Abdel-Gawad, S.; Saddek, F.; **Abdel-Salam, H.A.** (1984). Studies on heavy metals in water and fishes from the Red Sea. III. Occurrence and distribution of Zinc. *J. of Fac. Sc., Cairo University*, 1984.
- 18- Eisa, M.S.;** Abdel-Gawad, S. Saddek, F.; **Abdel-Salam, H.A.** (1984). Studies on heavy metals in water and fishes from the Red Sea. II. Occurrence and distribution of Iron. *J. of Fac. Sc., Cairo University*, 1984.
- 19- Eisa, M.S.;** Abdel-Gawad, S. Saddek, F.; **Abdel-Salam, H.A.** (1984). Studies on heavy metals in water and fishes from the Red Sea. I. Occurrence and distribution of Copper. *J. of Fac. Sc., Cairo University*, 1984.

## **My Educational and Teaching Philosophy**

I taught different Environmental Sciences and Biology courses at different institutions on both levels undergraduate and postgraduate. I learned from my teaching, my education and others experiences and researches that, the good teaching education is based on:

- 1- Encourages contact between students and faculty
- 2- Develops reciprocity and cooperation among students
- 3- Encourages active learning
- 4- Gives prompt feedback
- 5- Emphasizes time on task
- 6- Communicates high expectations
- 7- Respects diverse talents and ways of learning

These principles can be implemented by different ways according to the institution and its surrounded community. I taught for students who were living at different societies . I used same principles in my teaching, I succeeded, although, I used them in different cultures.

In my teaching, I am using lecture, videotapes, transparencies, computer projector, and at the end of the lecture, I give the students chance for class discussion. Some lessons especially in Environmental Sciences and Biology need field trips, guest speakers, and case studies to develop problem solving skills (ex.: I taught opposing points of view in marine biology at the university of Georgia).

My students can approach me at any time on my e-mail. All their problems can be solved promptly. My virtual doors are always opened to them.

At the end, I would like to quote that " I am not a top bench scientist, nature is my lab.". This is my major principle in my entire career, in either doing researches or teaching different subjects in Environmental Sciences and Biology.

