

## **CURRÍCULUM VITAE**

**Name:** Guillermo Garcia Montero

**Date and place of Birth:** Havana, 4th January, 1948.

**Main Studies:**

1970, Graduate in Physics at the University of Havana.

1974, Master in Sciences, Nuclear Research Institute.

1991 to date, Senior Researcher, Ministry of Science, Technology and Environment in Cuba.

**Professional Positions:**

- 1990 to date, Director of the National Aquarium of Cuba.
- 1987 to date, Chairman, Organizing Committee, Marcuba 1<sup>st</sup> to 6<sup>th</sup> National Congress on Marine Sciences.
- 1983 to date, Chairman, National Oceanographic Commission.
- 1995, Member, Scientific Committee, Coastal Change Conference (Bordeaux, France)
- 1994, Member, IOC/UNESCO Delegation to Global Conference on Small Islands Sustainable Development (Barbados, 1994)
- 1994, Member, Steering Committee, Second International Conference on Oceanography (Lisbon, November of 1994)
- 1987-1990, Member, Coordination Board of the First Scientific Research Program of the Cuban Research Vessel "Ulises"
- 1982-1983, Chief Executive, Cuban Shelf Submarine Research Program (Cooperative Program of the mini-submarine Argus and the Research Vessel RIFT, of the former Academy of Sciences of the USSR)
- 1980-1981, Chief Executive, Cuban Scientific Expedition to the Submarine Laboratory Hydrolab in Saint Croix, United States Virgin Islands.
- 1980-1990, Director of the Institute of Oceanology, Academy of Sciences of Cuba.
- 1978-1980, Deputy Director for International Relations at the Nuclear Research Institute.
- 1976-1978, Head Laboratory, Neutron Activation Analysis, Nuclear Research Institute.
- 1970-1976, Junior Researcher, Nuclear Research Institute

**Professional Membership:**

- Since August 2004, Member, Consulting Group on Capacity Building of the Intergovernmental Oceanographic Commission (IOC/UNESCO)
- 2003-2005, Vicechairman, Intergovernmental Committee of the Global Ocean Observing System (I-GOOS) of IOC/UNESCO.
- 2002-2006, Vicechairman, IOC's Regional Subcommittee for the Caribbean and Adjacent Areas (IOCARIBE)
- 2002-2003- 2004, Jury Member, International Prize "*Pensamiento Caribeño*" (sponsored by the Government of the State of Quintana Roo, Mexico)
- 2002 to date, Member of the Advisory Council of the Harte Institute for Gulf of Mexico Studies, University of Texas, United States.
- 1999 to date, Co-chairman, Steering Committee for the Establishment of a Regional component of the Global Ocean Observing System (IOCARIBE-GOOS)
- 1995-1999, Member, IOC's Group of Experts on Training, Education and Mutual Assistance.
- 1995-1999, First Vicechairman of the Intergovernmental Oceanographic Commission of UNESCO.
- 1995 to date, Member, Executive Council, Intergovernmental Oceanographic Commission, UNESCO.
- 1991-2001, Member, IOC's Group of Experts for the Study of the Development, Operations, Structure and Statutes (DOSS)

- 1989-1995, Vicechairman, IOC's Regional Subcommission for the Caribbean and Adjacent Regions (IOCARIBE)
- 1989-1990, Member, Commission on Natural and Exact Sciences for the Cooperation Committee between the Academies of Sciences of Cuba and of the USSR.
- 1987-1991, Member, Executive Council, Intergovernmental Oceanographic Commission of UNESCO.
- 1980-1989 Cuba's Representative to the Council of the Scientific Problem of the "World Ocean".
- 1980 to date, Cuba's Representative to the Intergovernmental Oceanographic Commission of UNESCO.

### **Publications and Lectures:**

He has contributed more than 30 reports and scientific publications, initially dedicated to geochemistry of marine sediments of Cuba and to sandy beaches erosion and recovery. During the last years he has written on the role of science to coastal zone management, and on international cooperation, training and capacity building in marine science. He has attended more than 80 national and international governmental and scientific meetings, to which contributed more than 40 scientific presentations. Among his papers and contributions of the last ten years it could be mentioned the following:

1. **"Coastal Zones: Opportunities and Challenges"**. (In Spanish) Ciencia, Innovación y Desarrollo, Vol. 9 (2004) No. 1, p 40-43
2. **"Environmental Education for Coastal communities"**. (In Spanish) Marlenys González, Guillermo García y Maida Montolio. Libro-Manual Metodológico, 2003, 79 pp. Ed. Acuario Nacional.
3. **"Reflections on the Caribbean Sea, its Coastal Zones and the Regional Sustainability"**. (In Spanish) "Premios al Pensamiento Caribeño, Seminario El Caribe: Un mosaico pluricultural", 2003, p 195-212. Editor Gobierno del Estado de Quintana Roo, México.
4. **"The Caribbean: main experiences and regularities in capacity building for the management of coastal areas"**. Ocean and Coastal Management, 45 (2002) 677-693. (Also invited Lecture to the Rio+10, Global Conference on Oceans and Coasts, Paris, 3 al 7 de December 2001)
5. **"The Case for GOOS: a strategic plan for the development of the Global Ocean Observing System in the Caribbean Region"**. Contributing Author (GOOS Report 115, IOC Technical Report Series IOC/INF 1170, 2002, 59 pp.
6. **"Cuba: towards a more integrated management of marine and coastal resources"**. (Invited Lecture to the International Conference Oceanology International 2001, OI'Americas, Miami, 3 al 5 de April, 2001.
7. **"Integrated Management of the Coastal Zone: Challenge of 21st Century"** (In Spanish) 2000, Proceedings Quinto Congreso de Ciencias del Mar, la Habana, Cuba, 4-8 Diciembre, 2000. (CD digital version)
8. **"Considerations on the Development of an Ocean and Coastal Observing System for the Caribbean and the Gulf of Mexico"**. (Invited Lecture to the First Biennial IASI (Intra-Americas Sea Initiative) Science Meeting, Panama, 9-11 November, 1999.
9. **"Caribbean Sea, Coastal Zones and Sustainability"** (In Spanish, Electronic Review) Cub@: Medio Ambiente y Desarrollo, Año 1, # 1, 2001; (Invited Lecture to the Seminario-Taller de los Consejos Nacionales para el Desarrollo Sostenible, Consejo de la Tierra, Santo Domingo, Rep. Dominicana, 3-5 Febrero 1999) <http://www.medioambiente.cu/revistama/articulo3.htm>
10. **"Capacity Building, Scientific Research and International Cooperation in the Caribbean for the Integrated Management of the Coastal Zone"**. Invited Lecture, Taller Pluridisciplinario TEMA para la Creación de Redes del Gran Caribe en Gestión Integrada de Áreas Costeras, Cartagena de Indias, Colombia, 7-12 Septiembre, 1998.
11. **"Elements for the consideration of a TEMA framework for capacity building"**. IOC Meeting Report IOC/TEMA-CB-II/Inf.5A. Second Meeting of the IOC Group of Experts on Training, Education and Mutual Assistance (TEMA); Bremen, Germany, May, 1998.

12. **“Coastal Erosion and mitigation: the case of Varadero beach, Cuba”**. 1996, in “Small Island Oceanography”, Chapter 14, 12 p, ed. G. Maul; “Coastal and Estuarine Studies”, American Geophysical Union.
13. **“Some ideas in marine affairs cooperation in the Caribbean Region”**. (Invited Presentation to the IOC-CIDA-SAREC Workshop on the Benefits on Improved Relationships between Multilateral and International Development Agencies in the Delivery of Ocean, Marine Affairs and Fisheries Programs. Sidney, British Columbia, Canada-September 26-28, 1995. Workshop Report IOC No. 117, 9 p (electronic version)
14. **“Research and Measures for beach preservation: the case of Varadero beach”**. 1995, Proceedings International Conference on Coastal Change, Bordomer’95. IOC Workshop Report No. 105, Supplement, pp. 233-241
15. **“Ocean Sciences: perspective for technical-scientific collaboration between the United States and Cuba”**. Conference Report, “The Environment in U.S.-Cuba Relations: Opportunities for Cooperation” pp 45-52, Washington, ed. 1995. (Invited Presentation to the Inter-American Dialogue Workshop “The environment in US-Cuban relations: Opportunities for Cooperation”, New York, Sept. 10-11, 1994,
16. **“Coastal Zone Management in Small Island States: Issues and Challenges”**. 1994, IOC Workshop Report No. 103.
17. **“The Coastal Zone and the Role of Sciences in Small Islands: Opportunities and Challenges”**. (Invited Presentation to the Second International Conference on Oceanography, Lisbon, November 1994)
18. **“Quo Vadis IOC?”**. (Contributing Author) IOC Report 1992, IOC/DOSS-III/3, Intergovernmental Oceanographic Commission’s Group of Expert for the Study of the Development, Operations, Structure and Statutes (DOSS)

#### **Awards and other National Recognitions:**

- ▶ 2003, Medal / National Order “Carlos J. Finlay”, the highest National Recognition awarded by the Council of State of Cuba to those with outstanding contributions in the field of sciences.
- ▶ 2004, Medal / National Distinction “Juan Tomas Roig”, for contributing during more than 25 years working in sciences.
- ▶ 2002, Medal / National Distinction “Labor Feat” (“Hazaña Laboral”) by the Council of State of Cuba to those with extraordinary contributions in his professional work.
- ▶ 2002, Diploma and Statuette “La Giraldilla de la Habana”, Recognition of the Government of the City of Havana to personalities distinguished by extraordinary successes.
- ▶ 1974, Medal / National Distinction “Forgers of the Future” (“Forjadores del Futuro”) for Young Researcher Relevant Contribution. ///