

NORMA SÁNCHEZ SANTILLÁN



PERSONAL REFERENCES

Last Name: Sánchez-Santillán
First Name: Norma
Gender: Female
Age: 52
Date of Birth: May 15th, 1957
Place of Birth: Mexico City, MEXICO
Citizenship: Mexican
Marital Status: Married

Permanent Address:

Pino 15. Col. Santa Catarina, Coyoacán
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Current Laboratory Address:

Laboratory of Climatology
Dept. The Man and His Environment
Autonomous Metropolitan University
Calz. del Hueso, 1100.
Col. Villa Quietud, Coyoacán, Mexico City
(55) 54 83 72 25

CURRENT POSITION

- * Head of Laboratory of Climatology at the Autonomous Metropolitan University
- * Full Professor at the Autonomous Metropolitan University
- * Advisor on issues of Climatology of the Mexican Network for the Study of Long-Term Ecology.

Current Research Lines

- * Analysis of climate variability at scales local and regional in ecosystems terrestrial and aquatic of Mexico.
- * Calculation of teleconnections that trigger variability in rainfall and temperature in different regions of Mexico.
- * Impact of solar cycles in the variability of rain and temperature in different regions of Mexico.
- * Generation of an Atlas of Climate Dynamics of Mexican coastal areas.

Academic Scholarships

- * National Council of Science and Technology (CONACyT). Student of Specialization in Hydrology, Plankton and Primary Productivity (1981-1982).

1976-1981

Bachelor of Science in Biology
Global Course Average: 8.5/10
Autonomous Metropolitan University (UAM)
Mexico City, MEXICO

1986-1987

Doctorate studies
Global Course Average: 9.7/10
Universitat de les Illes Balears
Cataluña, SPAIN

1990-1994

Master of Science in Biology
Global Course Average : 9.8/10
Faculty of Sciences
National Autonomous University of Mexico (UNAM)
Mexico City, MEXICO

1995-2000

Doctorate Studies
Global Course Average: 10/10
Faculty of Sciences
National Autonomous University of Mexico (UNAM)
Mexico City, MEXICO

2003-2004

Diploma Course in Science Communication
Global Course Average: 9.8/10
General Direction of Science Communication
National Autonomous University of Mexico (UNAM)
Mexico City, MEXICO

Academic Theses

1981. Hydrological Aspects Tampamachoco Coastal Lagoon, Veracruz.
Advisor: M. C. Hermilo Santoyo Reyes. Department of Hidrobiology, UAM.

1987. Analysis of zooplankton biodiversity in the Balearic Islands.
Advisor: PhD. Isabel Moreno. Faculty of Marine Biology, UIB.

1994. Qualitative and quantitative influence of climatic factors affecting salinity and water temperature Tampamachoco Lagoon, Veracruz (1979-1986). Advisor: M. G. Enriqueta García Amaro. Faculty of Sciences, UNAM.

2000. Global Climate Change in the Gulf of Mexico and Mexican Caribbean and their influence in twelve commercially important fisheries. Advisors: M.G. Enriqueta García Amaro and PhD. Guadalupe de la Lanza Espino. Faculty of Sciences, UNAM.

ACADEMIC OBJETIVES

- My goal in science involve the interdisciplinary development between climatologists, geologists, biologists and ecologists aimed to understand the mechanisms and evolutionary processes of living beings associated with climate variability.
- My second goal is to establish a strong academic relationship that allows cross-collaboration with international scientific community in order to discuss criteria for analysis, information exchange and co-thesis addresses.

NORMA SÁNCHEZ SANTILLÁN

- * Ibero-American Cooperation Institute (ICC). Student of PhD. Degree
Researcher in charge: PhD. Isabel Moreno (1986-1987).
- * National Council of Science and Technology (CONACyT). Student of Master Degreee in Sciences.
Researcher in charge: PhD. Enriqueta García Amaro (1990-1994).
- * National Council of Science and Technology (CONACyT). Student of PhD. Degree.
Researchers in charge: PhD. Enriqueta García Amaro and PhD. Guadalupe de la Lanza Espino (1995-2000).

EXTRACURRICULAR ACADEMIC COURSES

- 2009. First Workshop on Astobiology and Development in México.
- 2009. Biodiversity and Climatic Change.
- 2009. National Course of Dendrochronology.
- 2009. Techniques Applied to Monitoring Wildlife.
- 2006. Geography Risk.
- 2005. Management and uses of information for academic practice.
- 2004. Training Courses for Search and Rescue Canine.
- 2003. Ecological Models.
- 1987. Current research in Biological Oceanography.
- 1977. Introduction to Space Sciences.

SCIENTIFIC SOCIETIES

- * Regular Member of the Mexican Society for the Communication of Science and Technic (SOMEDICyT). 2005-Present.
- * International Society of Researchers in the Cortes Sea. 1991-Present.
- * Mexican Society of Meterology. 1998-Present.
- * Mexican Society of Astrobiology (SOMA). 2009-Present.

SPECIFIC REFERENCES

- * Dra. Martha Signoret Poillon. Titular Researcher. Structure and Operating of Bio- systems Group. UAM. signoret@correo.xoc.uam.mx
- * Dr. Hermilo Santoyo Reyes. Titular Researcher. Member of the RAMSAR. Universidad Autónoma de Baja California Sur. hsantoyo@uabcs.mx
- * Dra. Elisabeth Hubber-Sanwald. Titular Researcher. Institute for Scientific and Technological Research of San Luis Potosí, México. President of Long Term Ecological Research Network. ehs@titan.ipicyt.edu.mx

EXTRACURRICULAR ACTIVITIES

- * Participation in Universty choirs
- * Swimming.
- * Voluntary groups of Rescue Dogs (Topos de Tlatelolco).

- My long term goal is to generate a line of research in quantitative ecology and paleoecology in Mexico.

RESEARCH AREAS OF INTEREST

- Climatology
- Evolution
- Paleoecology
- Ecology
- Marine Biology
- Astrobiology

SCIENTIFIC RESEARCH

- ✍ Books: 1
- ✍ Articles in journals: 42
- ✍ Contributions to books: 4
- ✍ Presentations National and International meetings: 63
- ✍ Popular Science Articles: 70
- ✍ Researcher Lecturer: 9
- ✍ Participation in Research Projects: 11
- ✍ Book Reviews: 4

TEACHING EXPERIENCE

- ✍ Undergraduate Titular: 44 curses
- ✍ Higher Education Titular: 12 curses
- ✍ Conferences: 66
- ✍ Management thesis: 12

ARBITRATION AND EVALUATIONS

- ✍ National Competition Youth Science and Technology. 1990
- ✍ Referee invited: Geographical Research Magazine. UNAM. 1998-Present.
- ✍ Referee invited: Hidrobiológica. UAM. 2001-Present.
- ✍ Evaluating Projects in the National Council for Science and Technology. 2001-Present.
- ✍ Member of Scientific Committee of the Mexican Meteorological Organization. 2001-Present.