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CURRICULUM VITAE

Rear-Admiral (Brazilian Navy) Paulo de Castro Moreira da Silva

Born: Rio de Janeiro, Guanabara, Brazil, October 18, 1919.  
Graduated Naval Academy (Escola Naval) 1939.

Wartime Services:

Encouraçado (battleship) São Paulo. (1941-1942)  
Liaison Officer on board the U.S. Destroyer DAVIS (1942).  
Liaison Officer between the Brazilian Expeditionary Force (Italy)  
and the U.S. Navy (1945).  
First Lieutenant on board the Destroyer MARCILIO DIAS (patrolling  
and escorting) (1945).

Instructor of:

Meteorology (Naval Academy) (1947).  
Descriptive Geometry (Naval Academy) (1947).  
Meteorology (Course for Officers specializing in Hydrography) (1948).  
Oceanography (Course for Officers specializing in Hydrography) (1948).  
Tides (Course for Officers specializing in Hydrography) (1948).

Courses:

Oceanography (Service Central Hydrographique, Paris, France) (1950).  
Meteorology (Service Central Météorologique, Paris, France) (1952).  
Meteorology (Royal Naval School of Meteorology, Wales, England)  
Marine Biology (Musée d'Histoire Naturelle, Paris, France) (1952).  
Gravimetry (Observatoire de Paris, France) (1952).  
Magnetism (Observatoire de Paris, France) (1952).

Post in Naval Career and others:

Organized the Meteorological Service in the Brazilian Navy (1953).  
Organized the Oceanographic Service in the Brazilian Navy (1954).  
Captain of the Oceanographic Ship ALMIRANTE SALDANHA (8 years).  
Naval War College (Escola de Guerra Naval), two courses (1955).  
Chief Scientist Institute of Naval Research (Instituto de Pesquisas  
da Marinha) (1966-1969).  
Member of the Consultative Council of the Intergovernmental  
Oceanographic Commission, UNESCO, Paris.

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- Director of the Naval Program for the International Geophysical Year.  
First Superintendent of the Superintendence for the Fisheries in  
Brazil (1964).  
Director of the Instituto de Pesquisas da Marinha (Institute of Naval  
Research) (1969).  
President of Fundação de Estudos do Mar (Oceanographic Studies  
Foundation) (1968-1969).

Books and Papers:

- Manual de Meteorologia (Handbook of Meteorology), Diretoria de Hidro-  
grafia e Navegação (Hydrographic Office, Brazilian Navy).  
Curso de Meteorologia para Oficiais Hidrógrafos (A Course in Meteorolo-  
gy for Specialists in Hydrography), ditto.  
Um Curso de Oceanografia Dinâmica (A Course in Dynamical Oceanography),  
Diretoria do Pessoal (Bureau of Personnel, Brazilian Navy).  
Um novo método para a determinação das correntes de densidade (A New  
Method for Computing Density Currents), Bulletin du Bureau  
Hydrographique International, Monaco.  
Um novo método para a análise harmônica da maré baseado na integração  
dos maregramas (A new method for harmonic analysis of tides  
based on the integration of the tide record), Bulletin Hydro-  
graphique International, Monaco.  
Plano Nacional para o Desenvolvimento da Pesca (National Plan for the  
Development of the Fisheries), Superintendence of the Fisheries,  
Brazil.  
Many papers on oceanography, especially the phenomenon of upwelling,  
Publications of the Instituto de Pesquisas da Marinha.

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