**ANTONIO DIVINO MOURA** (Dec 2017)

Dr Moura holds a Ph.D. degree in Meteorology from MIT (1975), MSc degree in Space Sciences from the Brazilian Institute for Space Research – INPE (1971), Electrical Engineering degree from Federal University of Minas Gerais, Brazil (1969) and Postdoctoral Studies at NASA´s Goddard Space Flight Center (1980), with observational, theoretical and modeling studies showing that droughts over Northeast Brazil are related to a sea surface temperature "dipole” in the Atlantic.

His PhD thesis at MIT “*The eigensolutions of the Balance Equations over a Sphere*” was selected as the Rossby Award for the most outstanding thesis of the year (1975). The thesis study was published in the Journal of Atmospheric Sciences and considered by the World Meteorological Organization with the Young Scientist Award in 1977.

He was Director of the National Institute of Meteorology (INMET – The Brazilian Met Service) in 1985-88 and in 2003-16, during which he was Permanent Represent of Brazil with WMO, as well as elected First Vice-President of WMO. From 1996 to 2002 he was the Founding Director-General of the *International Research Institute for Climate and Society* (IRI), established via an Agreement between NOAA and Columbia University in the city of New York. IRI is dedicated to climate studies and applications.

At INPE he was Researcher, Professor and Director of Meteorology (1970-1996), when he significantly contributed to the establishment of the first Master of Sciences and PhD degree program in Meteorology in Brazil. He guided several MSc and PhD thesis, published scientific papers in the international literature and several books in (such as “Fundamentals of Dynamics Applied to Meteorology and Oceanography”).

In the 1980´s he actively participated in the international TOGA (Tropical Oceans and Global Atmosphere) Program, presiding the International TOGA Board (UNESCO, WMO), which was responsible for the establishment of 67 moored buoy array in the equatorial Pacific, dedicated to monitoring ENSO, its modeling and prediction, important for climate applications globally. He was also quite involved with the PIRATA (Pilot Research Array in the Tropical Atlantic), a TAO array in the tropical Atlantic important for prediction of droughts in Northeast Brazil and in many African regions. This project is running for the last 20 years and involves contributions from NOAA/PMEL, INPE and the Brazilian Navy, and the French IRD.

Member of AMS and Elected Member of The World Academy of Sciences, in Trieste. Former President of the Brazilian Meteorological Society. Elected Honorary Fellow of the Royal Meteorological Society (London). Currently, Dr Moura is Head of the **Center for Weather Prediction and Climate Studies (CPTEC)** and INPE Deputy Director, located in São Paulo, Brazil.