

## VITA

Gilberto Câmara is General Director of Brazil's National Institute for Space Research (INPE) for the period 2006 to 2010. He is responsible for the administration of INPE's research and development groups in Space Science, Space Engineering, Earth Observation and Weather and Climate Studies. Previously, he was head of INPE's Image Processing Division (1991-1996) and Director for Earth Observation (2001-2005).

He established the free and open data policy for remote sensing images from CBERS (China Brasil Earth Resources Sattelite) worldwide, and for creating INPE's Remote Sensing Data Center, which has put 30 years of imagery on-line. He was also responsible for setting up a system for real-time detection of deforestation in Amazonia and for making Amazonia deforestation maps available on the Internet. He also created INPE's Earth System Science Center.

His research interests are in Geoinformatics and Environmental Modelling. He has published more than 150 full peer-reviewed papers on journals and conferences, and he led the development of SPRING, a free object-oriented GIS, and of TerraLib, an open source GIS library. According to Google Scholar, his h-index is 18, and his number of citations is more than 1900, as of July 2008. Based on this data, he is currently one of the five most-cited researchers at INPE.

He is a professor in INPE's graduate programs in Remote Sensing and Computer Science, where he has advised 21 Master and 11 PhD students, and is advising 11 PhD students. He was a keynote speaker in the "*Geographical Information Science 2006*", held in Munster, Germany. Gilberto is the main organizer of the *Brazilian Symposiums of Geoinformatics*, held yearly since 1999. He is a consultant of main Brazilian funding agencies and sat on the national committee for evaluation of graduate programs for the Multidisciplinary area from 2001 to 2004.

He is a member of the Scientific Steering Committee of *Global Land Project*, a research initiative of the *International Geosphere-Biosphere Programme* (IGBP) and the *International Human Dimensions Programme* (IHDP). He is a member of the editorial board of the *Journal of Earth Science Informatics* and of the program committee of the most prestigious conferences of his area of research, including the *Conference on Geographical Information Science (GIScience)*, *Conference on Spatial Information Theory (COSIT)*, and *International GeoSemantics Conference*.

## SELECTED PAPERS

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10. Gilberto Câmara.; Ricardo Cartaxo Souza.; Freitas, U.M.; Garrido, J.C.P. "SPRING: Integrating Remote Sensing and GIS with Object-Oriented Data Modelling". *Computers and Graphics*, 15(6): 13-22, July 1996