

Jean Pierre Ometto

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Research ID: <http://www.researcherid.com/rid/B-3351-2013>

Google Scholar <http://scholar.google.com.br/citations?hl=pt-BR&user=i92eURkAAAAJ>

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Brazilian CNPq Curriculum: <http://lattes.cnpq.br/1325667605623244>

Academic and Professional positions

Graduated in Agronomy (1987) from the Escola Superior de Agricultura Luiz de Queiroz (ESALQ/University of São Paulo) and MsC in Bioclimatology. PhD in Sciences (2001), focusing on the Functioning of Tropical Ecosystems, University of São Paulo (CENA/USP). Postdoc (2003) at the University of Utah, USA, with support from the National Aeronautics and Space Administration (NASA) through the Large Scale Biosphere-Atmosphere Experiment in Amazônia (LBA) project. I worked as a Stable Isotope laboratory specialist and Associate Researcher (2005) at the Laboratory of Isotopic Ecology, Center for Nuclear Energy in Agriculture (CENA/USP). Visiting Professor on Ecology and Biogeochemistry (2006) at the Federal University of Juiz de Fora (UFJF). Scientific Coordinator (2009) and Project Consultant at the Regional Office of the International Geosphere-Biosphere Program (IGBP). Permanent Professor at the PPG in Earth System Science (CST/INPE) and as Collaborating Professor at the PPG of the Center for Environmental Studies and Research (NEPAM/UNICAMP). Coordinator of the Postgraduate Program in Earth System Science (PG-CST/INPE) between 2010 and 2014. CNPq productivity scholarship. Coordinator of the Earth System Science Center (2014 and 2020). Senior Researcher at the National Institute for Space Research since 2009, and Head of the Strategic Projects Division (DIP3) since 2020.

Skills and Experience, in brief

I began my scientific career with a focus on biogeochemistry, stable isotopes, and interactions within the Earth's system, which encompassed alterations caused by anthropogenic activities. More recently, my academic and research pursuits have shifted towards diagnosing global environmental and climate changes, including developing mitigation and adaptation strategies from the perspective of complex and sustainable science.

Currently, I hold several professional positions and engage in various activities, including serving as the Coordinator of the AdaptaBrasil MCTI Platform, Vice-Chair of the Brazilian Research Network on Global Climate Change (CLIMA Network), and a Member of the Coordinating Committee of the FAPESP Research Program on Global Climate Change. Additionally, I represent FAPESP at the Consortium of Financing Agencies "Belmont Forum" and am a Member of the Scientific Steering Committee of the Global Carbon Project (GCP). Over the past decade, I have contributed to the Brazilian Government's production of National Greenhouse Gas Inventories, particularly focusing on quantifying carbon emissions in the LULUCF sector.

In previous roles from 2006 to 2020, I served as the Brazilian representative on the Executive Board of the Inter-American Institute for Global Change Research (IAI), Regional Director of the International Nitrogen Initiative (INI), and Member of the

American Geophysical Union's Committee on International Participation (AGU-CIP). I also held positions such as Technical Coordinator of the Cerrado Vegetation Coverage Monitoring Project under the Forest Investment Program (FIP) at the World Bank, Member of the Technical-Scientific Council of the Brazilian Platform for Biodiversity and Ecosystem Services (BPBES), and Member of the Advisory Committee of the Associação Corredor Ecológico do Vale do Paraíba.

Scientific Production			
	Google Scholar	Research Gate	Web of Science
Publication	179	205	171
Citation	15,900	10,961	6,570
h-Index	57	50	40

Fund raising experience

Throughout my academic and managing careers, I had the opportunity raise funds from several foundations or organizations, as stated by the grants above. Most of the resources were directed to scientific research. Projects that, more closely, dialogues with implementation were supported by the BID, BNDES, GIZ and UK Space Agency through the company Ecometrica.

Editorial Activities (current)

Frontiers in Climate, section Climate Risk Management
Environmental Research: Ecology; IOP Publishing (Board)

Academic quantitative indicators (since 2010)

Student supervision finalized:

PhD – 16; Master – 03; Post Doc – 06; Other - 12

Current Supervision:

PhD – 04; Post Doc – 04; Technical and Scientific Development - 12

Languages

Mother tongue: Portuguese
Fluency in: English
Good knowledge in French and Spanish

Jean Pierre Ometto, PhD