

Dr. Carolina Monteiro de Carvalho

Post Doctoral researcher at the Faculty of Public Health, University of São Paulo, Department of Environmental Health, with research project titled “Participative Geographic Information System for Social and Environmental Governance”. Team member of the project “Resilience and vulnerability at the urban Nexus of food, water, energy and the environment”. She is also assistant editor of the *Ambiente & Sociedade* journal. Completed a DSc in Environmental Planning at the Federal University of Rio de Janeiro (UFRJ), with an internship research period at the Royal Institute of Technology (Kunliga Tekniska Hogskolan - KTH) in Stockholm (Sweden) regarding the sustainable expansion of palm oil for biodiesel in Pará state, Brazil, in degraded amazonian areas, and related socioenvironmental impacts, with the support of land use mapping. She received a MSc in Remote Sensing from the National Institute of Space Research (INPE), with a master's dissertation titled “Desertification Assessment in the southwest of the state of Piauí, using remote sensing techniques”. She is graduated in Geology from Universidade Estadual Paulista Júlio de Mesquita Filho (UNESP), with the final work titled “Evaluation of the susceptibility to mass movements in the environments of Cubatão (SP), with the support of geoprocessing techniques.” Areas of interests are: climate change, urban sustainability and sustainable development, environmental health, Geographical Information Systems and participatory methodologies.

Publications

Journal articles

CARVALHO, CAROLINA M.; SILVEIRA, SEMIDA ; ROVERE, EMILIO LÈBRE LA ; IWAMA, ALLAN YU . Deforested and degraded land available for the expansion of palm oil for biodiesel in the state of Pará in the Brazilian Amazon. *Renewable & Sustainable Energy Reviews*, v. 44, p. 867-876, 2015.

CARVALHO, C. M.. Palm oil expansion on degraded land for biodiesel production: a case study in Pará state, Brazil. *Biofuels*, v. 4, p. 485-492, 2013.

ALMEIDA-FILHO, R.; **CARVALHO, C. M.** . Mapping land degradation in the Gilbués region, northeastern Brazil, using Landsat TM images. *International Journal of Remote Sensing (Print)*, v. 31, p. 1087-1094, 2010.

CARVALHO, C. M.; RIEDEL, P. S. . Análise da suscetibilidade a escorregamentos nos entornos dos polidutos de Cubatão - SP, através de técnicas de informação geográfica. *HOLOS Environment (Online)*, v. 4, p. 157-173, 2004.

Book chapter

CARVALHO, C.M. impactos ambientais e sociais da expansão do dendê para biodiesel em áreas degradadas: um estudo de caso para o estado do Pará. In: *Agroenergia e stakeholders na Amazônia Legal Brasileira: Teoria e Prática*. 1 ed. p. 87-105. 2014.