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Assistant professor in Sanitary Environmental engineering at the Department of Energy, Systems, Territory and Constructions Engineering at University of Pisa. She is an environmental engineer with a doctoral thesis entitled "Landfill gas emissions monitoring systems for optimization of energy recovery" discussed in 2010. Her main research topics concern the valorisation of organic fraction of municipal solid waste according to the bioeconomy approach as well as the reduction of impacts due to gaseous emissions from landfills. Currently she is project manager of several projects regarding Microbial Oxidation Systems to reduce GHGs (RE MIDA LIFE 14 CCM/IT/000464) and Biohydrogen production from biowaste (FAR FAS Bio2energy). She is a member of International Waste Working Group (Waste Biorefinery task and Landfill Gas Emission and Mitigation task). She teaches "Waste Management and Remediation of Contaminated Sites (Code 220HH)" at the Master of Science in Civil Infrastructure and Environmental Engineering of Pisa.