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Lozano is a palynologist whose work has focused mainly on ecosystem response to natural and human disturbances in central Mexico, such as climate change, volcanic events and human impact, which are recorded in lake sediments in different periods. She has worked in collaboration with colleagues of the National University of Mexico (UNAM). Recently, her research has focused on the record of last 3000 yrs since important cultures emerged in Mesoamerica and their development caused modifications in the ecosystems. The purpose of her investigation at Lake Zirahuen in western Mexico is to resolve the history of the lake and vegetation, with emphasis on the role of the Tarascan people in alteration of the environment and post European contact restoration of the landscape. A new project in Lake Chalco in the basin of Mexico has just started for comparing climate during the last interglacial with that of the Holocene. She has participated in the development of the biology and geology postgraduate programs at UNAM. mslozano@servidor.unam.mx