

MICHAEL SARTORI

Field Project Manager/Coordinator and Data Processor
NSF National Center for Airborne Laser Mapping (NCALM)
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EDUCATION

MS (1993 - 95) and BS (1989 - 92): University of Florida, Gainesville, Florida
BS in Agricultural Economics (1973 - 77): University of Connecticut, Storrs, CT

EXPERIENCE

Field Project manager and coordinator for NCALM at UF (2002 - 2010) and at UH (2010 - present) Supervision and coordination of LiDAR projects for university researchers nation-wide as well as Florida State agencies such as FDEP. Example projects: Mapping of over 2000 kilometers of earthquake fault system in California (UNAVCO), Napa Valley Watershed (UC Berkeley), State-wide coastal monitoring, (FDEP). Proficient in LiDAR data processing and analysis, system calibration, software development for LiDAR research (vegetation filtering, batch scripts) kinematic GPS processing,

Research Assistant (1989-95 & 1997 - 98): University of Florida

Team member and project coordinator for LiDAR and GPS-related research projects with UF professors and graduate students. Example projects: feasibility study for use of GPS technology for parcel surveying in Albania; accuracy assessment of orthometric height by dual frequency GPS using OTF ambiguity resolution. Responsibilities included analysis of appropriate technology, planning and performing field work, data processing and analysis, conclusions and recommendations, report writing.

GPS Manager (1995 - 97): Berryman & Henigar, Ocala, Florida

Project manager for GPS surveys for a variety of surveying and engineering projects in Florida and California. Example projects: establishing GPS control networks for very large multi-sectional boundary surveys, road sign location for city GIS in LA Quinta, California.

Survey Party Chief (1986 -89): Mosby Engineering, Sarasota, Florida

Field party chief for two and man crews doing boundary, construction, and topographic surveys. Conventional survey equipment and techniques, including total stations, data collectors, theodolites, and EDMs.

Field Surveyor (1980 - 86): CGG American Services, Houston, Texas

Peace Corps Volunteer (1978 - 79): US Peace Corps, Kenya, East Africa