

Richard C. Daniels, Coastal Monitory & Analysis Program, Department of Ecology, Olympia, WA 98504-7600. E-mail: rdan461@ecy.wa.gov. *Ground-Truthing Airborne Topographic Mapper (ATM) LIDAR Data for Measuring Coastal Morphology*. 96th Annual Meeting of the Association of American Geographers, Pittsburgh, PA.

The ATM-2 is a second-generation LIDAR swath mapping system developed and operated by the NASA Wallops Flight Facility. The ATM-2 is being used in the Airborne LIDAR Assessment of Coastal Erosion (ALACE) Project under a cooperative agreement with the NOAA Coastal Services Center and the USGS Coastal and Marine Program. The ALACE Project is collecting internally accurate spot elevations for much of the nation's coast that may be used to develop detailed digital elevation models of coastal areas. This paper describes thee techniques for ground-truthing and adjusting these spot elevations to insure they are comparable to the local geodetic vertical control network within a region.

Keywords: LIDAR, digital elevation models, remote sensing, coastal mapping