

Signatures of Pleistocene Marine Transgression Preserved in Lithified Coastal Dune Morphology of The Bahamas

Kat Wilson ^{1,2,*} and David Mohrig ²

¹ Department of Earth and Environmental Sciences, Boston College, Chestnut Hill, MA, 02467, USA

² Jackson School of Geosciences, The University of Texas at Austin, Austin, TX, 78712, USA; mohrig@jsg.utexas.edu

* Correspondence: kathleen.wilson@bc.edu

Supplemental Material 2: Slope variables index

The raw data of slope values extracted from DEMs are contained within six tables (Stoss, Lee, and Scarped Slopes on Eleuthera and San Salvador)

Tables include

1. OBJECT ID – automatically generated identifier from ArcGIS (no units)
2. Slope – value extracted from DEMs in ArcGIS (units = degrees)

Variable names are constructed from abbreviations of key information.

Example: mu_SSlee = the average slope value of the all the lee face measurements in San Salvador

Statistics:

Mu = average

Std = standard deviation

Location:

Ele= Eleuthera

SS = San Salvador

Dune Morphology:

Trunc = Upwind face of Scarped duneform

Stoss = Upwind face of sinuous duneform

Lee = Downwind face