

2014

# The Integration of Coastal Flooding into an ArcFLOOD Data Model

Nock, Alison Heidi

<http://hdl.handle.net/10026.1/3199>

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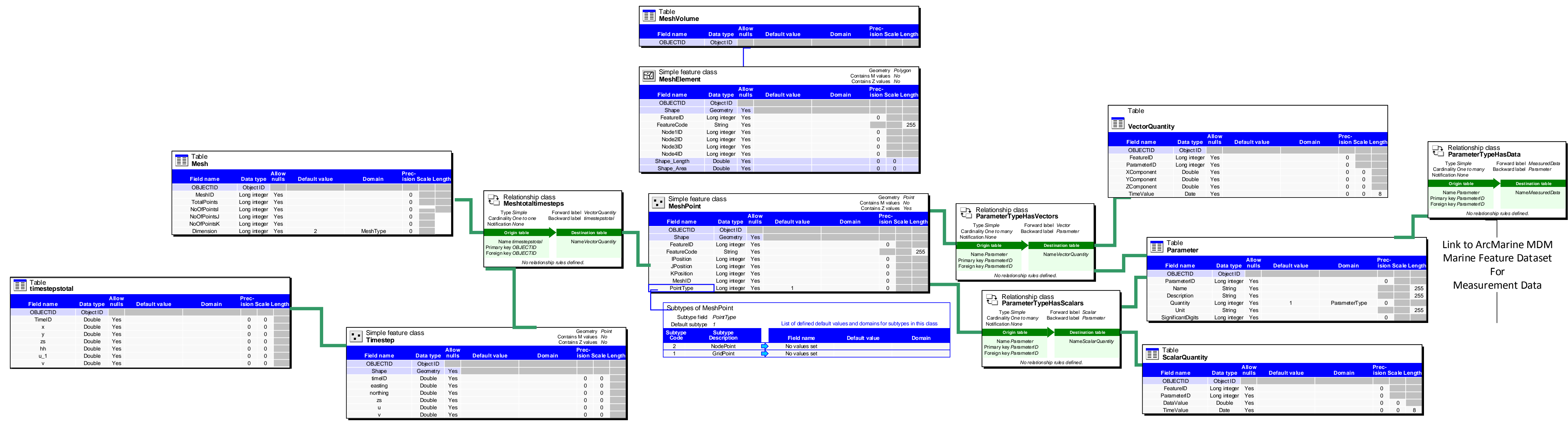
<http://dx.doi.org/10.24382/4364>

Plymouth University

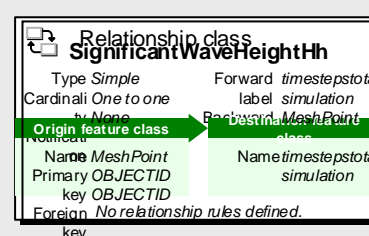
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# Appendix D.3 Mesh Data Model



## Legend



Relationship Box

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	ObjectID	Yes					
Hs	Long	Yes	0				
Td	Long	Yes	0				
Wl	Long	Yes	0				
FloodLevel	Long	Yes	0				

Table

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	ObjectID	Yes					
Shape	Geometry	Yes					
TimeID	Double	Yes	0		0		
x	Double	Yes	0		0		
y	Double	Yes	0		0		
zs	Double	Yes	0		0		
hs	Double	Yes	0		0		
u_1	Double	Yes	0		0		
v	Double	Yes	0		0		

Spatial Dataset

Flow of data

Connection between tables