

*Coastal Processes  
Evaluation and  
Alternatives Assessment:  
North Perry Village*



*Marina Modification*



*September 8, 2016*

# Harbor Costs

<b>JJR, Inc.</b>										
	<u>Engineering</u>		<u>Add'l service</u>		<u>Monitoring study</u>		<u>Permitting</u>		<u>Sediment</u>	
			<u>Amendments</u>						<u>Deposition</u>	
	2007	149,300.00			2008/2009	12,350.00	19,750.00		<u>Study</u>	
	2008	102,400.00								
	2009	58,850.00	25,000.00		(pd in 2010)	12,350.00				
					2010	24,700.00				
					(add'l services)	43,000.00				
					2011	39,000.00			4,917.60	
					2012	24,700.00				
					2013	12,500.00				
					2014	12,500.00				
					2015	9,000.00				
					2016					
<b>Totals</b>		<u>310,550.00</u>	<u>25,000.00</u>			<u>190,100.00</u>	<u>19,750.00</u>		<u>4,917.60</u>	
<b>Huffman</b>										
	<u>Harbor construction</u>		<u>Dredging</u>							
	2009	3,730,076.80								
	2010	492,323.20	230,280.00							
	2011		244,487.50							
	2012		241,925.00							
	2013		220,376.00							
	2014		180,800.00							
	2015		161,894.00							
	2016		304,972.25							
<b>Totals</b>		<u>4,222,400.00</u>	<u>1,584,734.75</u>							

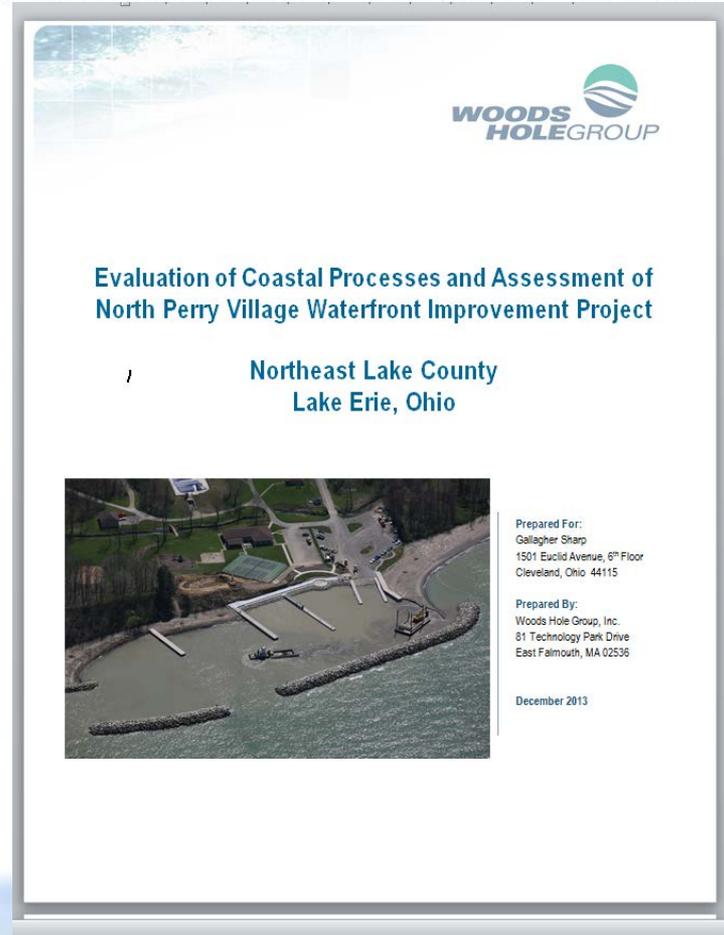
# *Woods Hole Group Evaluations*

## 1. Coastal Processes Assessment

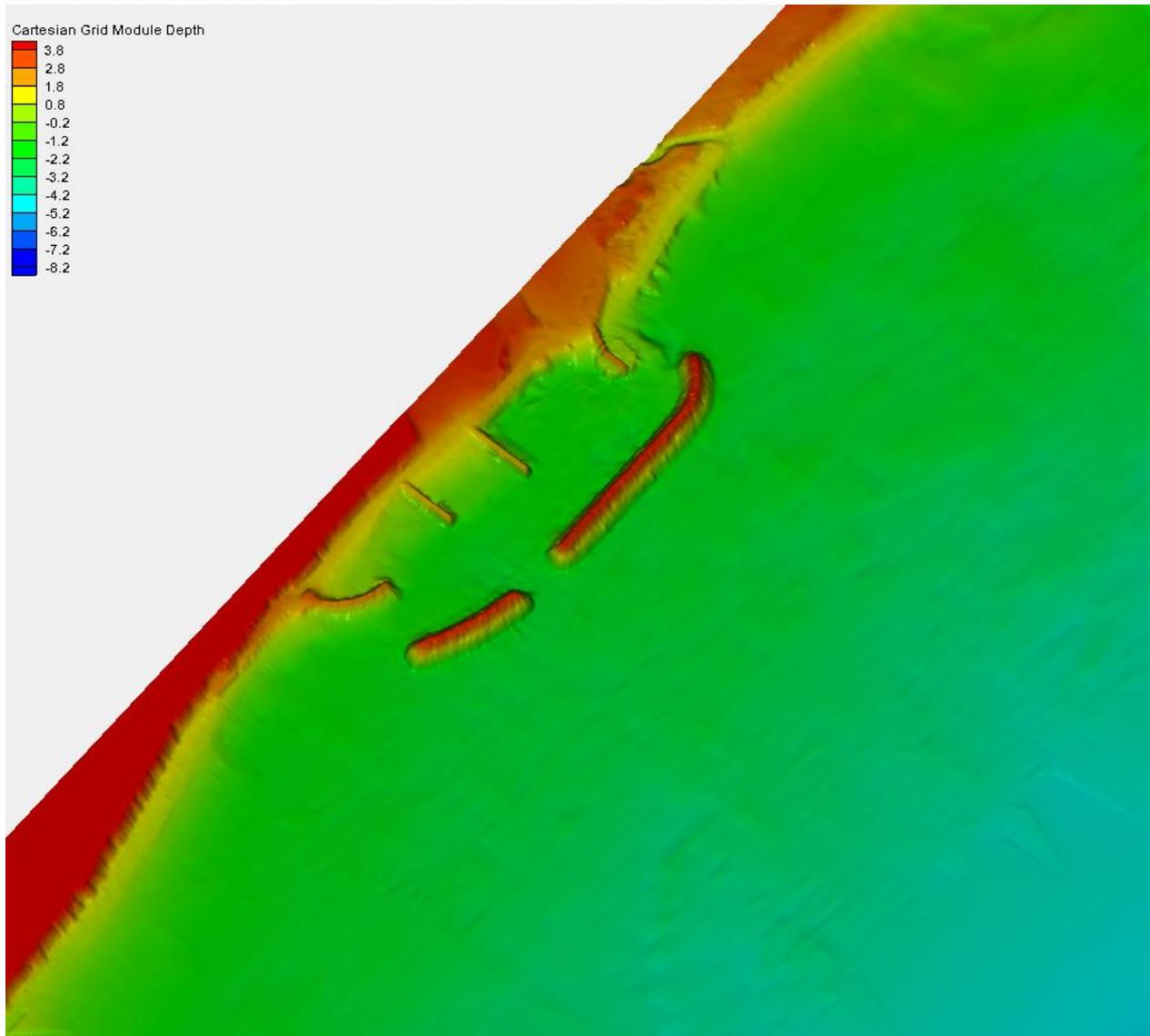
- a. Historical Shoreline Change
- b. Regional Wave Transformation Modeling
- c. Regional Sediment Transport Modeling

## 2. Marina Modifications Assessment

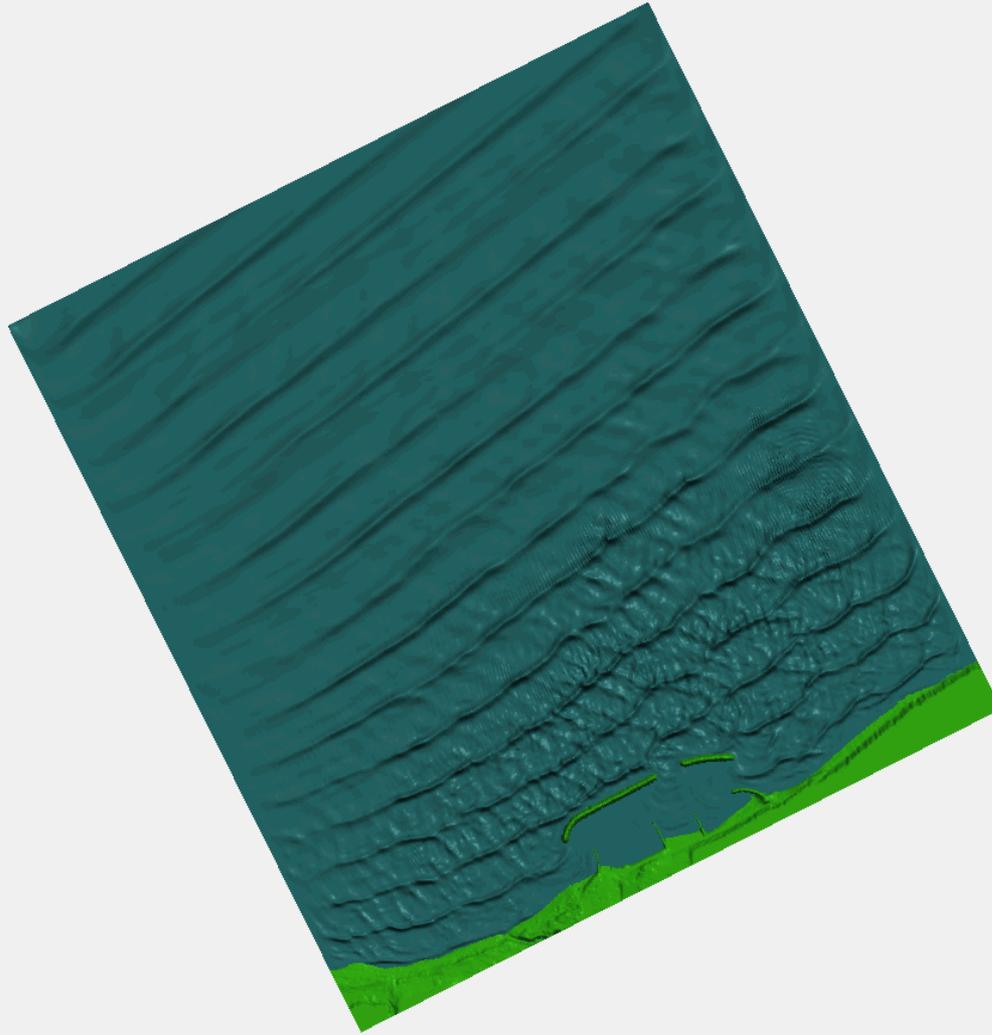
- a. Local Wave Modeling
- b. Evaluation of Potential Marina Modifications or Removal
- c. Local Sediment Transport Modeling



# Marina Overview - Wave Modeling



# *Local Wave Modeling - Example*



# *Local Wave Modeling - Close-up*

