

## 2 MARINE GEOTECHNOLOGY &amp; NEARSHORE/OFFSHORE STRUCTURES

**Tabular Summary**

Author	A	B	C	D	E	In-Situ Soil Properties	
						F	G
Hoeg	general		general	X	X	X	X
Richards and Zuidberg	general		general	X		X	X
Chaney and Fang	general		clay/sand	X	X		
Qian et al.	general		clay		X		
Zhou and Zhou	general		sand				
Li and Xu	China	X	general		X		
Fang and Chaney	China Sea		general	X	X		
Gao et al.	Shanghai Donghai Sea		clay, sand, silt	X	X		
Gao	Chinese continental shelf		silt/clay		X		
Reese and Wang	United States		sand/clay	X	X		
Broms	general		general	X			
Zai and Hu	Shanghai		clay		X		
Wei et al.	China		clay		X		
Tang and Liu	general		clay				
Chang and Tong	general		sand	X			
Lee et al.	North Sea		sand/clay	X			
Gao et al.	Yangtze River		silty clay	X			
Zhao et al.	Shanghai		sand, clay silt	X			
Tang et al.	Bohai		sand/silt clay	X			

**Legend of Table Headings**

- A Area
- B Geology
- C Soil Material Involved
- D Offshore
- E Nearshore

*In-situ Soil Properties*

- F Sampling
- G In-situ Testing

*Laboratory Soil Properties*

- H Index Properties and Parameters
- I Soil Models
- J Static Strength
- K Dynamic Strength
- L Classification

*Piles*

- M Pile Capacity
- N Drivability

**of Paper Contents**

Laboratory Soil Properties					Piles				Structures			
H	I	J	K	L	M	N	O	P	Q	R	S	T
	X	X	X		X				X	(5)	X	X
X	X	X	X									
	X		X									
			X									
X					X		X	(1)				
				X								
					X		X	(1)				
					X			(2)				
					X							
					X					(4)	X	
	X	X	X		X		X	(1)			X	X
	X		X					(3)			X	
		X	X		X		X	(1)	X	(5)	X	X
X	X	X									X	
						X	X		X		X	

O Vibration Seismic Loading  
P Other

**Structures**

Q Platform  
R Other  
S Soil Structure Interaction  
T Vibration Seismic Loading

- (1) *p-y* curve
- (2) wave equation
- (3) adhesive force
- (4) pile supported wharf
- (5) gravity platform