

Name of the institute / department / laboratory	University of Southampton
Address	Southampton, SO17 1BF
Website	www.soton.ac.uk

Available marine geophysical equipment	No	Yes	Type	Used for archaeological purposes
Side-scan sonar		X	GeoAcoustics Digital Sonar 2094	Yes
Multibeam		X	Reson Seabat 8160; Reson Seabat 7101; Reson SeaBat 8125	Yes
Subbottom profiler		X	GeoAcoustics 2D and 3D Chirp; Applied Acoustics Boomer and Sparker; 60 channel high frequency receiver	Yes
Lidar		X	Leica scan station & CN10 (Geography)	Yes
Electric or electromagnetic		X	DASI-2 & Vulcan	No
Gradiometric	X			
Coring devices		X	Simple Gravity corers	Yes
Other (specify)		X	Grab samplers	Yes
Other (specify)		X	Processing and interpretation software: CARIS; Fledermaus; Petrel; Kingdom Suite; 2D and 3D promax; CODA	Yes

Available observational equipment	No	Yes	Type	Used for archaeological purposes
HOV (manned submersible)	X			
ROV		X	Micro ROV VideoRay Pro4 (shared ownership with Natural History Museum)	Yes
AUV		X	At NOCS - not part of UoS equipment pool	
Camera (remotely operated)		X		Yes
Video (remotely operated)		X		Yes
Scientific diving		X	HSE qualified dive team	Yes
Coring equipment		X	Livingstone, Rendberg, Mackereth corers (PLUS: http://www.southampton.ac.uk/geography/research/groups/palaeoenvironmental_lab.page)	Yes

Available lab/analysis technology	No	Yes	Type	Used for archaeological purposes
Multi logger		X	Itrax core scanner (UoS/Boscorf)	Yes
Core (color) scanner		X	Minolta Spectrophotometer (Boscorf)	Yes
C14	X			
OSL		X	(by arrangement through the Palaeoenvironments Laboratory (PLUS))	

Pollen		X	PLUS	
Diatoms		X	PLUS	
Forams		X		
Dendrochronology				
Other (specify)		X	Pb210, Cs137 dating; full suite of major, minor element analysis; isotope geochemistry; SEM; - for details see http://www.southampton.ac.uk/oes/research/facilities.page + Micro-CT (http://www.southampton.ac.uk/muvis)	Yes

Teaching and/or training possibilities at the institute	No	Yes	Level (Bsc/Msc/...)	Specifications
Archaeology		X	BA/BSc/MA/MSc/PhD	www.arch.soton.ac.uk
Marine geology/geophysics		X	BSc/MSci/MSc/PhD	www.soes.soton.ac.uk
Quaternary science		X	BSc/MSci/MSc/PhD	
Maritime archaeology		X	BA/BSc/MA/MSc/PhD	www.cma.soton.ac.uk
Other (specify)		X	BSc/MSci/MSc/PhD	www.soes.soton.ac.uk

Available ships	Type	Size (m)	Specifications
Callista	Catamaran	19.75	http://www.southampton.ac.uk/oes/research/facilities/research_vessels.page
Bill Conway	Single Hull	11.75	http://www.southampton.ac.uk/oes/research/facilities/research_vessels.page
Ocean Adventure	RIB	7	http://www.southampton.ac.uk/oes/research/facilities/research_vessels.page

Note made by Tony Brown:

I would like it recorded that apart from Archaeology and SOES (School of Ocean and Earth Sciences) the PLUS Laboratory in Geography and Environment (Faculty of Social and Human Sciences) also has both facilities for and interests in submerged landscape work and that some of the facilities listed lie within this unit in the University.