

Name of the institute / department / laboratory	National Research and Development Institute for Marine Geology and Geoecology
Address	23-25 Dimitrie Onciul Street, RO-024053
Website	www.geocomar.ro

Available marine geophysical equipment	No	Yes	Type	Used for archaeological purposes
Side-scan sonar		X	GeoAcoustics digital side scan sonar	Identify Submerged Archaeological Sites
Multibeam		X	Multibeam: Elac Seabem 1050D (3 – 3000 m water depth)	
Subbottom profiler		X	Sub-bottom profiling: EdgeTech chirp full spectrum sub-bottom profiling system	Identify Submerged Archaeological Sites
ADCP		X	RiverRay Acoustic Doppler Current Profiler (ADCP).	
CTD		X	CTD Sea Bird SBE 25 with 12 five liters bottles Rosette SBE 32	
Electric or electromagnetic		X	Electrometry system with automatic data acquisition	Identify Submerged Archaeological Sites
Single Beam		X	Single beam: Ceeducer hydrographic system, Elac Hydrostar 4300	
Gradiometric		X		
Marine protonic magnetometer		X	Geometrics Marine protonic magnetometer, G-877 model – 2002	Identify Submerged Archaeological Sites
Coring devices		X		
Bathymetry system		X	Ceeducer Integrated bathymetry system – 2002, depth range: 0.3 – 100m	
Mini ADP		X	Doppler Profiler SONTEK acoustic system – Mini ADP, 1500kHz	
Marine gravity meters		X	On bottom marine gravity meters, GD-K model (two equipments) – 1980, for 0-300 m depth range, measurements interval: 100-6000 mgal; On board marine gravity meters: GMN K model – 1984 and GMN KM model – 1987, measurements range: 500 – 7000 mgal	

Available observational equipment	No	Yes	Type	Used for archaeological purposes
HOV (manned submersible)	X			
ROV		X	ROV Vector M5 (1000 m water depth);	Identify Submerged Archaeological Sites
AUV	X			
Camera (remotely operated)		X	Operated on the ROV	Identify Submerged Archaeological Sites
Video (remotely operated)	X			
Scientific diving	X			
Other (specify)			Multicorer Mark II –400	

Available lab/analysis technology	No	Yes	Type	Used for archaeological purposes
Multi logger	X			
Core (color) scanner	X			
C14	X			
OSL	X			
Pollen	X			
Diatoms	X			
Forams	X			
Dendrochronology	X			
Other (specify)				

Teaching and/or training possibilities at the institute	No	Yes	Level (Bsc/Msc/...)	Specifications
Archaeology	X			
Marine geology/geophysics			Msc	geology/geophysics
Quaternary science	X			
Maritime archaeology			Bsc	archaeogeophysics
Other (specify)				

Available ships	Type	Size (m)	Specifications
"Mare Nigrum" -	Oceanographic multidisciplinary research vessel	Length: 82 m/ Draught: 5 m/ Displacement: 3200 t;	<p><i>Laboratories:</i> Tomography; Hydrology; Gase measurements; Biology; Geochemistry; Geophysics; Computer room; Seismo - acoustics; Photo; Wet lab Personal onboard: Crew: 25 persons; Scientists: 25 persons;</p> <p><i>Marine equipment:</i> Multibeam SEABEAM 1050 Elak Nautik; CHIRP Star Full Spectrum; Magnetometer Geometrics G-87; On-board (GMNKM) and bottom (GDK) gravimeters; ROV (1000 m water depth); Sub-bottom profiler; Side Scan sonar.</p> <p><i>Geochemical, Geoecological and Sedimentological equipment:</i> CTD SBE 25 Sealogger; Gravity and piston corers; Multi-corer Mark II-400; Grab samplers; Nets for biology;</p> <p><i>Deck equipment:</i> Hydraulically Winch 10 tf; Electrical Winch 8 tf; CTD Winch; ROV winch; Grab sampler winch; Crane 3 tf/15 m; A – Frame on aft ship.</p>

"Istros" -	Fluvial and coastal research vessel	Length: 32 m; Breadth: 6,90 m;	<i>Laboratories:</i> Geochemistry; Geophysics; Multifunction lab <i>Marine equipment:</i> Multibeam bathymetric system SEABEAM 1050 Elak Nautik; DGPS Sea Star 3200 LR 12; Magnetometer Geometrics G-877; On-board (GMNKM) and bottom (GDK) gravimeters;
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