| | |
|---|---|
| **Name of the institute / department / laboratory** | GRC Geociències Marines - Dept. d'Estratigrafia, Paleontologia i Geociències Marines - Facultat de Geologia - Universitat de Barcelona (UB) |
| **Address** | C/Martí i Franquès, s/n - Campus de Pedralbes - E-08028 Barcelona - Spain |
| **Website** | www.ub.edu - http://www.ub.edu/geologia/ - http://geomar.geo.ub.edu |

| **Available marine geophysical equipment** | **No** | **Yes** | **Type** | **Used for archaeological purposes** |
|---|---|---|---|---|
| Side-scan sonar | | X | Hydroscan and deep-tow | Not so far |
| Multibeam | | X | Konsberg Simrad shallow and deep water | Yes |
| Subbottom profiler | | X | TOPAS | Not so far |
| Lidar | | X | Access to ICC Lidar | Not so far |
| Electric or electromagnetic | X | | | |
| Gradiometric | X | | | |
| Coring devices | | X | Multicorer, box corer, gravity corer, drilling | Not so far |
| Other (specify) | | | | |

| **Available observational equipment** | **No** | **Yes** | **Type** | **Used for archaeological purposes** |
|---|---|---|---|---|
| HOV (manned submersible) | X | | | |
| ROV | | X | Doe Phantom, Seaeye Linx, Super Mohawk II | Not so far |
| AUV | | | Oceanserver Iver2-580-EP evolution | Not so far |
| Camera (remotely operated) | X | | | |
| Video (remotely operated) | X | | | |
| Scientific diving | X | | | |
| Other (specify) | | | | |

| **Available lab/analysis technology** | **No** | **Yes** | **Type** | **Used for archaeological purposes** |
|---|---|---|---|---|
| Multi logger | | X | Geotek | Not so far |
| Core (color) scanner | | X | Portable and on XRF system | Not so far |
| C14 | | X | Centres Ceintífics i Tecnològics UB (Central Services) | Yes |
| OSL | X | | | |
| Pollen | | X | Paleoclimatology and Paleoceanography lab | Yes |
| Diatoms | | X | Paleoclimatology and Paleoceanography lab | Not so far |
| Forams | | X | Paleoclimatology and Paleoceanography lab | Not so far |
| Dendrochronology | X | | | |
| Other (specify) Isotopes | | X | MAT Finnigan 253 mass spectrometers | Yes |

| **Teaching and/or training possibilities at the institute** | **No** | **Yes** | **Level (Bsc/Msc/...)** | **Specifications** |
|---|---|---|---|---|
| Archaeology | X | | | But in other UB departments |
| Marine geology/geophysics | | X | Bsc, Msc, PhD | |
| Quaternary science | | X | Bsc, Msc, PhD | |

| | | | | |
|---|---|---|---|---|
| Maritime archaeology | X | | | But in other UB departments |
| Other (specify) | | | | |

| **Available ships** | **Type** | **Size (m)** | **Specifications** |
|---|---|---|---|
| Yes (various fleets at private, institution, regional and national levels) | Coastal (e.g. Lluerna), oceanic (e.g. Ramon Margalef, Miguel Oliver or Sarmiento de Gamboa) and polar (e.g. Hesperides) | From 14 to 92 m | See webpages:<br>• www.ieo.es/buques.html<br>• www.magrama.gob.es/es/pesca/temas/buques-secretaria-general-pesca/<br>• www.utm.csic.es/buques.asp<br>• www.argomaris.com/tecno.html<br>• www.fomento.gob.es/MFOM.CP.Web/handlers/pdfhandler.ashx?idpub=TMW001 |