

GSC Equipment Catalog 2019




GEOGRAPHIC INFORMATION SYSTEM LABORATORY (GIS)

The GIS Lab has 13 computers with GIS software/programs for the development of projects that have any geographical component. There is also statistical and mathematical modeling software available. In this lab, the computers are used by local & international students, and general community, for example the Ministry of Education (Ecuador), the Galapagos government, and others (when they asked for the GSC collaboration).

Equipment Catalog

Equipment	Number of units	Function	Picture
WALKIE TAKIE UNIDEN GMR5089- 2CKHS	1 Pair	Used for communications up to 50 miles and 22 channels.	
RADIO VHF ICOM WALKIE TALKIE ICM73	1 Pair	Used for communications at the sea with transmission power and 16 hours of autonomy.	
Motorola MJ430R GMRS/FRS Two-Way Radios	1 Pair	Used for communications with the line of sight, scope limited by obstructions and 22 channels.	

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<p>Midland GXT795VP4 Radios with Charger</p>	<p>3 pairs</p>	<p>Used for communications up to 36 miles and 42 channels.</p>	
<p>GPS - Garmin Gpsmap 62sc</p>	<p>3 pairs</p>	<p>Used for geographical positioning depending on the research project. It is equipped with a camera and three-axis compass with barometric altimeter.</p>	
<p>GPS – GARMIN etrex VENTURE HC</p>	<p>3 pairs</p>	<p>Used for geographical positioning depending on the project under investigation.</p>	
<p>GPS 12XL</p>	<p>3</p>	<p>Used for basic geographical positioning with 12 channels. Discontinued device.</p>	
<p>Geodetic GPS - TRIMBLE Geo XT</p>	<p>2</p>	<p>Ideal for working in the field recording resources and critical infrastructure, or for working with reliable GNSS data of sub-meter accuracy.</p>	