

## Course Outline for Working with gvSIG

<i>Course Title</i>	<i>Course Description</i>	<i>Duration (Days)</i>
<b>Working with gvSIG</b>	<p>This course provides the participants with the knowledge of using gvSIG to perform GIS tasks, such as GIS digitising / editing, display, query, analyse and layout design. The participants shall be provided on-the-job related GIS data source to perform the tasks, encourage them to relate training activities to their office environment and enable them to appreciate using gvSIG to improve their work function.</p> <p><i>Objective: After completion of the course, participants will be able to:</i></p> <ol style="list-style-type: none"> <li>1. <i>Understand GIS concept, data types and formats, and coordinate system.</i></li> <li>2. <i>Perform GIS tasks using gvSIG.</i></li> <li>3. <i>Prepare GIS data</i></li> <li>4. <i>Produce and print GIS map</i></li> </ol> <p><i>Pre-requisite: Basic knowledge in Windows Environment and GIS.</i></p>	2
	<p>Lesson 1: Introduction to gvSIG</p> <ul style="list-style-type: none"> <li>• The gvSIG interface</li> <li>• gvSIG Projects and Documents</li> <li>• Copying and pasting documents</li> <li>• Adding Layers to gvSIG</li> <li>• Adding An Event Layer</li> <li>• Layer Properties</li> <li>• Navigating around the view</li> <li>• Changing to palette</li> <li>• Selecting Elements</li> <li>• Search &amp; query</li> <li>• Exporting layers</li> </ul>	

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	<p>Lesson 2: Data Editing and Analysis</p> <ul style="list-style-type: none"><li>• Georeferencing</li><li>• Tables</li><li>• Editing Tools</li><li>• Buffer</li><li>• Clipping</li><li>• Dissolve</li><li>• Merge</li><li>• Intersection</li><li>• Difference</li><li>• Union</li><li>• Spatial Join</li></ul> <p>Lesson 3: Map Production</p> <ul style="list-style-type: none"><li>• Accessing Maps</li><li>• Map properties</li><li>• Inserting elements in a map</li><li>• Navigating Tools</li><li>• Operations with graphics</li><li>• Templates</li><li>• Printing</li></ul>	