

Image Map Browsing Catalog

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Abstract: Presently, massive amount of information can be accessed any where in the world through the Internet, a huge computer network. Internet plays a very important role in today's business. Services and product promotion are widely implemented on the Internet. User or customers are able to obtain services and/or products information and decide which one suits their needs. Image Map Browsing Catalog was then developed in order to apply available web based technology to promote Geo-Informatics and Space Technology Development Agency : GISTDA's image map products. Image map is one of GISTDA value added products obtained by overlaying a satellite image with topographic map supported by the Royal Thai Survey Department.

Image Map Browsing Catalog's search engine was developed with very low cost using free development tool, PHP to search meta data stored in Microsoft Access. It is user-friendly and easy to use. Users can browse meta data (e.g. map name, map number, satellite acquisition date, etc.) of available images as well as their thumbnail images through the internet by entering topographic map sheet number or selecting province or topographic map sheet number from a list or map displayed on the browser. Image map browsing catalog is a helpful tool that user can browse through available products with just a mouse click from their home or office. To facilitate satellite image users, this catalog system should be integrated with ordering and delivering system.

KEY WORDS: Satellite Image Map, Thailand Satellite Image Map, Landsat Image Map, IRS Image Map