



Acronym: SERVIR Mesoamerica
Full Name: Mesoamerican Visualization and Monitoring System
Website: www.servir.net/en/americas-latino-caribe
Established: 2005
Location: Panama

Areas of expertise: Generation of information for environmental management and disaster support by using satellite imagery and other data sources.

Main Partners and collaborations: NASA, USAID, the Water Center for the Humid Tropics of Latin America and the Caribbean (CATHALAC), The Central American Commission for the Environment and Development (CCAD).

Short Description:

SERVIR is a Regional Visualization and Monitoring Systems, which “integrates earth observations (e.g. satellite imagery) and forecast models together with in situ data and knowledge for timely decision.”*

In 2005, the first SERVIR regional operational device for Latin America and the Caribbean was established with the participation of NASA, USAID, the Water Center for the Humid Tropics of Latin America and the Caribbean (CATHALAC), the Central American Commission for the Environment and Development (CCAD), and other partners. SERVIR was a response to the request of the governments of Central America in order to develop “an innovative way to utilize space based assets for development.”*

Main activities:

SERVIR generates important information for environmental management and disaster support by using satellite imagery and other data sources. This information is focused on Central America and the Dominican Republic. Additionally, SERVIR has developed its geospatial portal, which provides access to regional data and metadata, like: satellite and other spatial data sets via MesoStor, interactive online maps, thematic decision support tools, and 3-D interactive visualizations*.

Visualization’s tool: SERVIR-VIZ 3-D Visualization Tool for Mesoamerica

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Source:

* Mesoamerican Visualization and Monitoring System (http://www.servir.net/en/sobre_servir 17.03.2010)