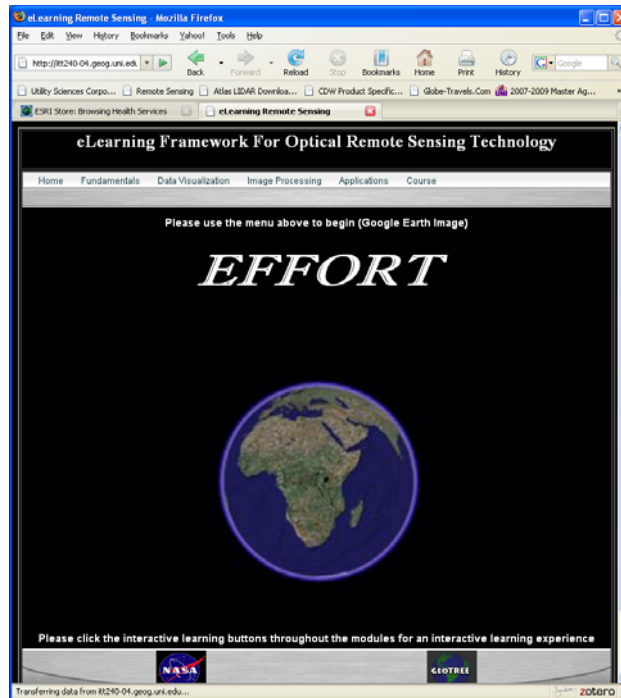


eLearning Framework for Satellite Remote Sensing Technology [EFFORT]

Goal

The goal of this research is to develop an eLearning Framework For Optical Remote Technology (EFFORT) course that can be easily used or adoptable elsewhere.



Objectives

1. To collect and present material in a highly interactive format.
2. Easily accessible and useable by both novice and advanced users.
3. To have a graphically oriented interface for users in which to interact.
4. To make use of various multimedia outlets to present material in a unique way.

Methods

This web-based learning tool is a collection of modules and software packages for the various areas of study capitalizing upon the method of e-Learning. These modules are hosted from a web server and run inside client browsers such as Internet Explorer or Mozilla Firefox. For the most part, all the end users can see is the module embedded in some standard HTML webpage. The modules have mostly been created using Adobe's Flash, so some basic calculations are done on the user end but the

more intense calculations and database manipulations are all done server side using software actually on the server or various scripts run by the server itself. T

Expected Products

1. Easy to use interface eLearning product
2. Web and stand-alone versions
3. Modifiable modules
4. User forums
5. Sustainable and updateable databases
6. Automatic PowerPoint to jpg exporter for slide conversions
7. Easily updatable interface to allow for future growth

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