

**ABSTRACT****MAPPING THE DISTRIBUTION OF PROTECTED FOREST  
LOCATIONS IN LAMPUNG PROVINCE USING GEOGRAPHIC  
INFORMATION SYSTEM**

By:

Dwi Ario Septiandri

dwiario.2011059005p@mail.darmajaya.ac.id

The forest area of Lampung Province is 1,004,735 hectares and is divided into conservation forest areas, protected forest areas, and production forest areas. Most of the protected forest areas amount to 317,615 hectares, so accurate location mapping is needed to determine which areas should be preserved and maintained. WebGIS is useful as a tool in this mapping process, and the data is more compact because it is digital. *Agile* is the system development approach used by the author. This method facilitates software development that requires a short time in software development. The program implementation stage is to explain the application of the process of the running of the system that has been made on the computer, namely from the logic system applied in a structured computerized system (program) so as to find out whether the designed program meets user needs and whether the program can run properly and can produce output in accordance with the desired objectives. It can be concluded based on the results of the system design using the *Agile* method shows that it allows easier access to information because the system can be accessed from anywhere with a device connected to the internet.

**Keywords:** Sistem Informasi Geografis, Hutan Lindung, Pemetaan, Web.