The background of this research is needed location selection priority to the fishing port development in one region. Defining this priority is important because 1) there is restricted allocation fund to the fishing port development and 2) the fishing port has been existence that can be influenced to other fishing port development. This objective research is defining the fishing port development priority at Rembang Regency and using Analytical Hierarchy Process Method to achieve this objective. Research result indicates that Tasik Agung coastal fishing port is main priority to develop, and the further priorities are Sarang Medur fish landing place, Karang Anyar fish landing place, Tanjungsari fish landing place and Pandangan fish landing place. The program to develop Tasik Agung coastal fishing port are investment development, and fisheries business.

http://jai.ipb.ac.id/index.php/bulpsp/article/view/4325