

ABSTRACT

Digital divide, the discrepancy of internet development in urban and rural society is happened in Indonesia. The ICT assistance program is implemented to increase the internet penetration for rural society. The ICT assistance has ben given by government of Bandung to their district. In implementation this assistance is not effective in determine the priority area. Katapang and Cilengkrang district are the first area for ICT assistance program give to, but the result is not as expected.

To solve the problem in determine priority area for ICT assistance program, an application to help in making decision is needed.

The Geographic Information System (GIS) based and Asset Community Development method program is used to take decision in choose the correct area. ABCD use the community assets from the area as a criteria for priority area for ICT assistance to be given.

ABCD method sees the potency in that area with means seeing the readiness every area to use the ICT assistance program well.

From the result of previous research is obtained that Pangalengan and Ciparay as a priority area for ICT assistance program. This research is conducted in Ciparay district as one of the priority area.

As result, Ciparay sub-district is given this ICT assistance program. With this application Bandung Governement Regency can use it to take the right area in Ciparay sub-district region as a priority area for ICT assistance program.

Keywords: Internet Penetration, Digital Divide, Ciparay Sub-District, ICT Assistance Program, ABCD, GIS, Community Assets.