

ABSTRAK

Banjir lahar dingin yang di akibatkan oleh erupsi Gunung Merapi pada tahun 2010 menyebabkan kerusakan di beberapa infrastruktur yang berada di Sungai Krasak, dan di beberapa titik terjadi luapan banjir lahar dingin yang mengakibatkan putusnya ases jalan utama yang menghubungkan antara Yogyakarta dengan Magelang. Sungai Krasak yang termasuk salah satu sungai yang mempunyai hulu di lereng Gunung Merapi juga mengalami dampak banjir lahar 2010. Penelitian ini di lakukan bertujuan untuk mengetahui kondisi infrastruktur dan sempadan sungai di sepanjang Sungai Krasak setelah terkena dampak banjir lahar dingin. Ketika melakukan penelitian ini menggunakan metode dengan cara *survey* langsung ke lapangan untuk mengetahui kondisi infrastruktur dan sempadan sungai dengan menggunakan *form survey* 123. Dari hasil penelitian ini di ketahui ada beberapa infrastruktur sungai yang mengalami kerusakan akibat banjir lahar dingin. Karena waktu terjadi banjir lahar dingin sudah cukup lama sebagian infrastruktur sudah mengalami perbaikan, tetapi ada beberapa infrastruktur yang masih ada sedikit kerusakan, namun fungsi dari infrastruktur nya masih terbilang baik. Kondisi sempadan sungai terbilang cukup aman di karenakan Sungai Krasak banyak melewati daerah-daerah perkebunan, tetapi ada beberapa lokasi yang pemukimannya masuk ke dalam area sempadan sungai.

Kata-kata kunci : Banjir Lahar Dingin, Infrastruktur Sungai, Sempadan Sungai, Sungai Krasak

ABSTRACT

Debris flow that cause the eruption Merapi mount in 2010 caused damage at some infrastructure that is on the Krasak River. Some areas had gotten cold lava flood which was resulting break up the important access street that had been connecting between Yogyakarta and Magelang. Krasak river is one of the rivers that has upstream on the Merapi slope mount and also got impact of debris flow in 2010. This research is aimed to know condition of infrastructure and edge river at the Krasak river after got impact of cold lava flood. This research is using survey method that directly observes to the object of research for knowing condition infrastructure and edges river with survey form 123. The result of the research is showing some infrastructure river that is getting damage caused of cold lava. Cold lava flood had happened in the past, so some of infrastructure had been repairing. But there is some infrastructure still has little damage. However, the function of this infrastructure is showing good condition. Condition of edges river are still secure, it happens because the Krasak river had pass through regions plantation, but there is some locations of the settlement taken along by the flow in the riparian area.

Keywords: Debris Flow, River Infrastructure, Riparian Area, Krasak River.