

**ESTIMASI KERUGIAN LINGKUNGAN DAMPAK LUAPAN
SUNGAI BRINGIN DI AREA MANGKANG WETAN
SEMARANG**

ABSTRAK

Luapan Sungai Bringin menyebabkan banjir di pemukiman Kelurahan Mangkang Wetan setiap tahunnya. Selama musim banjir bulan Oktober 2017 hingga Februari 2018, telah terjadi beberapa kali kejadian banjir di empat RW Kelurahan Mangkang Wetan. Tujuan penelitian ialah (1) mengetahui persepsi masyarakat terhadap banjir dan pola adaptasinya, dan (2) mengestimasi nilai kerugian ekonomi yang ditanggung masyarakat sepanjang musim banjir. Penelitian dilakukan terhadap 91 responden dari total 1.016 rumah tangga yang terkena banjir secara langsung. Terdapat dua metode yang digunakan dalam analisis, yaitu: analisis deskriptif dan metode estimasi kerugian lingkungan. Hasil menunjukkan mayoritas masyarakat Kelurahan Mangkang Wetan berada dalam usia produktif dengan penghasilan Rp 1.000.000,00 hingga Rp 2.500.000,00. Banjir disebabkan oleh perubahan tata guna lahan di hulu serta pendangkalan sungai di hilir, dan menyebabkan terganggunya aktivitas dan penyebaran bibit penyakit meningkat. Namun masyarakat memilih bertahan karena merasa sudah terbiasa dengan banjir. Total estimasi kerugian yang dialami masyarakat akibat banjir sepanjang musim hujan Oktober 2017 – Februari 2018 sebesar Rp 481.578.517,00.

Kata kunci: Banjir Luapan Sungai, Kerugian Banjir, Sungai Bringin.

ESTIMATION OF ENVIRONMENTAL LOSS FROM THE IMPACT OF BRINGIN RIVER OVERFLOW IN MANGKANG WETAN SEMARANG

ABSTRACT

Bringin river flooding causes flood at Kaligawe housing sector every year. During rainy season from October 2017 until February 2018, floods occurs on several occasion in 4 RWs. The study aimed to (1) identifying community perception about flood and its impact, and (2) estimating economic loss caused by floods during last flooding season. There was two method used in the analysis; description analysis and estimation environmental economic loss. Result shows most of local community are in their productive age with income between Rp 1.000.000,00 to Rp 2.500.000,00. The floods caused by change of landuse and silting of river. and makes activity disrupted, but most of local community do not want to move because they thought they have coping with floods. Based on valuation, the sum of estimated flood losses during October 2017 – February 2018 is Rp 481.578.517,00.

Keywords: *River Flooding, Flood Losses, Bringin River.*