

SPATIAL ECONOMIC VALUATION OF CORAL REEF USING GEOGRAPHICAL INFORMATION SYSTEM AND BENEFITS TRANSFER METHOD (CASE STUDY CORAL REEF AT KARIMUNJAWA ISLANDS CENTAL JAVA PRONVINCE)

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KEY WORDS : *Sustainability, coral reef, benefit transfer method, geographical information systems.*

ABSTRACT : Valuation economics is an attempt to give a quantitative value of the goods and services generated by natural resources and environment, both on the basis of market value and non-market value. Research of economic valuation has been done, but not many who present value of economic valuation in the map. By using the benefits transfer method is to calibrate the economic value of an area (reference) to be transferred to the desired location. Calculations of the economic valuation based on the benefit transfer method based : a map of the quality of the Coral reef study sites, economic valuations in the region of reference, and social economic characteristics of communities in the study area, re-calibration can be estimated economic valuations reference area to be transferred to the study site. The study showed that the value of economic valuation in the study area ranges from IDR 2,46 million/ha/year to IDR 27,36 million/ha/year or reach 9% to 100% of the reference value and also map the economic value of coral reef resources, which is more detailed.