

DAMAGES DUE TO FLOODS IN INDIA – TRENDS AND DETERMINANTS

ARNAB KUMAR NATH

A project report submitted to the

FACULTY OF SCIENCE AND HUMANITIES

In partial fulfillment of the requirement for the award of the degree of

MASTER OF SCIENCE

IN

ECONOMICS



MADRAS SCHOOL OF ECONOMICS

**ANNA UNIVERSITY
CHENNAI - 600025**

Abstract

Floods in India are not unique and are the biggest causes of the loss of life and property every year. The reported losses due to flood in India shows a rising trend overtime. This study tries to capture the year to year variability of the flood damage in India by considering three factors: inflation factor, population factor and the wealth factor. The flood damage data has been normalized to check whether the losses due to flood are due to the increase in the intensity of flood or the socio-economic factors are also responsible. Comparing the normalized losses and the reported losses we arrived at the conclusion that the socio economic factors are partially responsible for the increase in the flood damage overtime and we don't have any proper evidence of the increase in the intensity of floods. The trends of the physical damages were also analyzed to check the severity of flood. The determinants of flood were explained by the physical, economic and social factors.