

## **ABSTRACT**

The climate change is an essential phenomenon that needs to be discussed in this rapidly developing era in almost all the sectors of the economy. The sea level rise (SLR) is one of the prominent destruction that's caused to the environment, social and economic conditions of the society. The threat that is caused due to the climate change is predominant in the global level India being no exception. The vulnerability of SLR is mainly faced in the coastal areas. This paper throws light on the evaluation of the cost of infrastructure in Chennai and suggests appropriate policy measures applicable to infrastructure. Replacement cost was considered as a tool for estimating infrastructure cost. Finally it has been concluded that adaptation cost is an appropriate policy-making tool in regard to infrastructure rather than replacement cost for the damages posed for future. On that basis appropriate policy measure can be implemented accordingly.