

ABSTRACT

An effect of a measure implemented only in a limited period of time on a human flow is appropriately evaluated.

A server computer (103) includes: a generated traffic amount extraction unit (112) configured to acquire a generated traffic amount in a prediction target area; a measure registration unit (111) configured to reflect an evaluation target measure to a feature of an implementation point in the prediction target area in an implementation period of time; and a human flow prediction unit (113) configured to input a feature in the prediction target area in each period of time set by the measure registration unit (111) and the generated traffic amount in a prediction target period of time acquired by the generated traffic extraction unit (112) to a time-series consideration route selection model (110) trained by associating human flow information including movement and congestion in each period of time with a feature at each point in the prediction target area, and to predict a movement route of each prediction target or a traffic amount of each point of the prediction target area.

Fig 1