CLAIMS

1. An information generation device generating a test case being a simulation model for reproducing a road traffic condition in an area on a road including a target point, the information generation device comprising:

a first storage unit configured to store a plurality of pieces of moving-object information being information regarding a moving object existing in the area detected by a sensor provided on a roadside;

a determination unit configured to determine whether or not an incident where the moving object existing in the area shows a behavior leading to occurrence of an accident has occurred, on a basis of the plurality of pieces of moving-object information;

an extraction unit configured to extract, as target information, moving-object information in a target period being a predetermined time period including a time point when the incident occurred, from the plurality of pieces of moving-object information; and

a generation unit configured to generate the test case upon occurrence of the incident on a basis of the target information,

wherein each of the plurality of pieces of moving-object information includes type information indicating a type of the moving object, and position information indicating a position of the moving object.

2. The information generation device according to claim 1 further comprising a second storage unit configured to store a plurality of pieces of weather information, wherein

each of the plurality of pieces of weather information is information regarding weather in the area, and

the extraction unit further extracts, as the target information, weather information in the target period, from the plurality of pieces of weather information.

3. The information generation device according to claim 1, wherein the sensor is a laser radar.

4. The information generation device according to claim 2, wherein the sensor is a laser radar.

5. An information generation device generating a test case being a simulation model for reproducing a road traffic condition in an area on a road including a target point, the information generation device comprising:

a memory configured to store a plurality of pieces of moving-object information being information regarding a moving object existing in the area detected by a sensor provided on a roadside; and

a processor configured to determine whether or not an incident where the moving object existing in the area shows a behavior leading to occurrence of an accident has occurred, on a basis of the plurality of pieces of moving-object information, configured to extract, as target information, moving-object information in a target period being a predetermined time period including a time point when the incident occurred, from the plurality of pieces of moving-object information, and

configured to generate the test case upon occurrence of the incident on a basis of the target information,

wherein each of the plurality of pieces of moving-object information includes type information indicating a type of the moving object, and position information indicating a position of the moving object.