What is claimed is:

1. A non-transitory computer-readable recording medium having stored therein a program for causing a computer to execute a process, the process comprising:

changing, when detecting a road surface degradation with respect to a first road surface position based on accumulation of measurement values at a plurality of times of a travel of a vehicle on the first road surface position, detection sensitivity for the road surface degradation according to a road surface evaluation value associated with the first road surface position, the measurement values being measured with an acceleration sensor installed in the vehicle and being according to road surface positions on which the vehicle has traveled.

2. The non-transitory computer-readable recording medium of claim 1, wherein the changing includes changing the detection sensitivity for the road surface degradation such that the detection sensitivity for the road surface degradation becomes higher as the road surface evaluation value indicates more increased degradation state of the road surface.

3. The non-transitory computer-readable recording medium of claim 1, wherein the road surface evaluation value is an MCI value.

4. The non-transitory computer-readable recording medium of claim 1, wherein the process further includes instructing, when the vehicle travels the first road surface position at which the road surface degradation has been detected, an alarm to be output in the vehicle.

5. The non-transitory computer-readable recording medium of claim 1, wherein the process further includes storing date and time information at which the measurement values with respect to the first road surface position have been measured; and

determining, when receiving a repair date and time of the first road surface position that has been repaired, the measurement values measured on date and time after the repair date and time as a target to be accumulated.

6. An information process apparatus, comprising a processor configured to change, when detecting a road surface degradation with respect to a first road surface position based on accumulation of measurement values at a plurality of times of a travel of a vehicle on the first road surface position, detection sensitivity for the road surface degradation according to a road surface evaluation value associated with the first road surface position, the measurement values being measured with an acceleration sensor installed in the vehicle and being according to road surface positions on which the vehicle has traveled.

7. A method of detecting a road surface degradation, the method comprising:

using a processor to change, when detecting a road surface degradation with respect to a first road surface position based on accumulation of measurement values at a plurality of times of a travel of a vehicle on the first road surface position, detection sensitivity for the road surface degradation according to a road surface evaluation value associated with the first road surface position, the measurement values being measured with an acceleration sensor installed in the vehicle and being according to road surface positions on which the vehicle has traveled.