

Preventing damages at anytime

# Advancing our research towards earthquake prediction

Please leave your comments: [os@rfsystemlab.com](mailto:os@rfsystemlab.com)

Subtle shaking (earthquakes) that our bodies do not recognize, occur dozens of times a day (and is not broadcasted by the news).

Also,

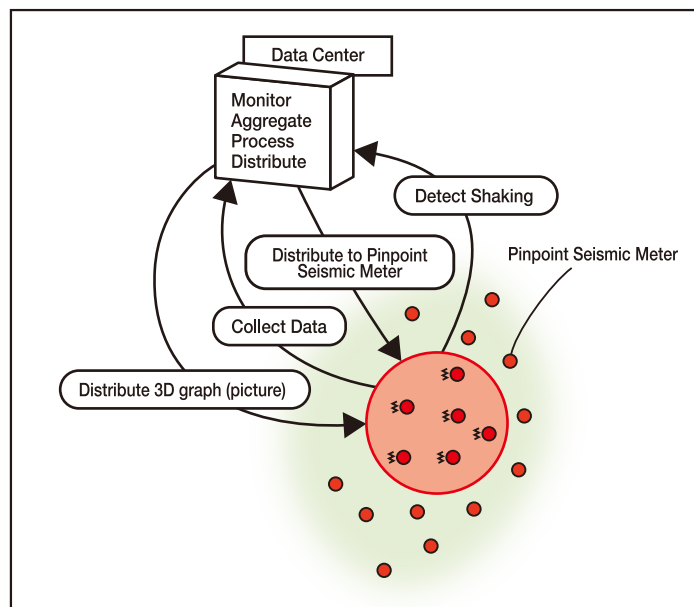
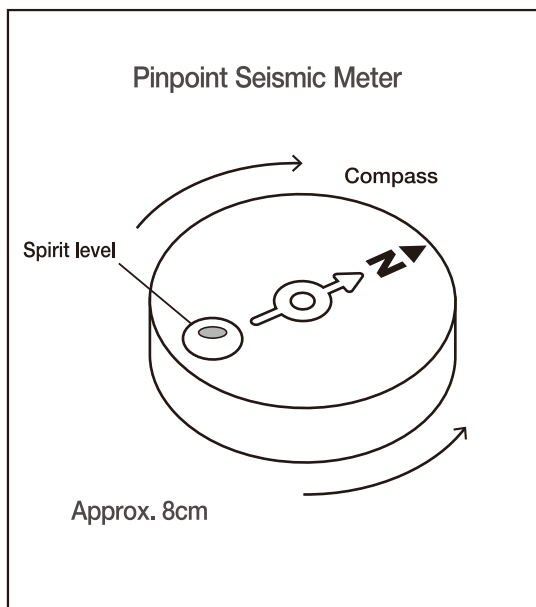
depending on the hardness of the ground,

there is actually a 1.5 times difference even if the seismic intensity announced for each region is the same.

"Pinpoint Seismic Meter (high-precision accelerometer)"

is a device that enables "magnified measurement" to the values at the decimal level,

including the direction of minute shakes and the rhythm of ambiguous shaking.



Even in areas where the ground is hard, if for example there are half-filled dents, the degree of shaking will change significantly even if it is only a short distance away, and the speed and rhythm of the shaking will also vary.

It will visualize a 3D graph (picture), and place it on a map and distribute.

Things will start to form by collecting a whole lot of data on the differences of how the ground shaking is transmitted.

By investigating the difference in shaking and rearranging positions in advance, damages in factories and large hospitals with many buildings can be minimized.

Also,

in the future, we will move toward prediction of damage (earthquake) from the overall shaking conditions (amplification, resonance, liquefaction of seismic motion, etc.).

