Reconstruction Assistance to Damaged Building in Nepal Earthquake 2015

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Strong motion records point
Acceleration recording waveform
Ground Floor Plan as per project drawing
Conclusion

So far in the earthquake reconstruction projects in Haiti and Indonesia, the damage to the reinforced concrete structure were investigated. It was done to introduce the seismic design and the details of rebar.

However, in Nepal, there was no damage to the reinforced concrete structures. And it is known that the structural calculation software is used, and the rebar detail and the construction management of concrete are enough.

Therefore, seismic design was not necessary to be introduced to them.

There is a need to change the way of assistance in the IT society.