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[Abstract Title]

Building Bridge Between Science and Policy for Effective DRR

[Abstract]

The hardest and most challenging step to reach a resilient nation, is to mainstream the science and know-how into policy and see the footprint of know-how in the decision making process. Considering main challenges in many countries for an effective risk reduction is the coordination, collaborations and linkages among all players for risk reduction; this paper provides an overview on how system and NEXUS approach with objective and emphasis on the implementation of safety and disaster prevention and management know-how in the development process can be a way forward. Achieving a resilient nation is a complex issue that requires all elements and sectors of society and government to work together and solving a complex system, requires a nexus approach. In the Nexus system, we all have one objective and all have to tune their work to those directions. This holistic integration process should be implemented gradually in 4 steps by 1) creating cooperation within main sectors (Government, scientist and experts, financial market, city officials and regulatory bodies, developers and owners, and people); 2) creating synergy between sectors, 3) integrate all sectors in one system with inter-disciplinary cooperation; and finally, 4) creating nexus integration of all sectors.



[Keywords]

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