## Figures



Figure 1.4.2 Comparison of Several Attenuation Formula



Figure 1.4.5 Peak Ground Acceleration Distribution (1/2)



Figure 1.4.6 Peak Ground Acceleration Distribution (2/2)



Figure 1.4.8 Seismic Intensity Distribution (1/2)







Figure 1.5.3 Liquefaction Potential Distribution (1/2)



Figure 1.5.4 Liquefaction Potential Distribution (2/2)



Figure 1.6.1 Slope Stability



Figure 1.8.7 Heavily Damaged Building Number Distribution (1/2)



Figure 1.8.8 Heavily Damaged Building Number Distribution (2/2)



Figure 1.8.9 Heavily Damaged Building Ratio Distribution (1/2)



Figure 1.8.10 Heavily Damaged Building Ratio Distribution (2/2)



Figure 1.10.3 Death Toll Density Distribution (1/2)



Figure 1.10.4 Death Toll Density Distribution (2/2)



Figure 1.10.5 Total Casualty Density Distribution (1/2)



Figure 1.10.6 Total Casualty Density Distribution (2/2)



Figure 1.10.7 Death Toll Distribution (1/2)



Figure 1.10.8 Death Toll Distribution (2/2)



Figure 1.10.9 Relationship between Building Damages and Human Casualty (retouched to Coburn & Spence, 1992)



Figure 1.11.1 Location of Bridges



Figure 1.11.2 Bridge Damage Distribution -Mid Nepal Earthquake-



Figure 1.11.3 Road Network



Figure 1.11.4 Hazardous Points of Roads



Figure 1.11.5 Accessibility of Roads -Mid Nepal Earthquake-

![](_page_25_Figure_0.jpeg)

Figure 1.12.1 Water Supply Network

![](_page_26_Figure_0.jpeg)

Figure 1.12.3 Damage of Water Supply Pipelines

![](_page_27_Figure_0.jpeg)

Figure 1.12.4 Sewerage Network

![](_page_28_Figure_0.jpeg)

Figure 1.12.5 Damage of Sewerage Pipelines

![](_page_29_Figure_0.jpeg)

Figure 1.12.6 Electric Power Supply Network

![](_page_30_Figure_0.jpeg)

Figure 1.12.8 Damage of Electric Power Supply Lines

![](_page_31_Figure_0.jpeg)

Figure 1.12.9 Telecommunication Network

![](_page_32_Figure_0.jpeg)

Figure 1.12.10 Damage of Telecommunication Lines

![](_page_33_Figure_0.jpeg)

Figure 1.13.2 Fire Outbreak Rank by Petrol/ Gas Station

![](_page_34_Figure_0.jpeg)

Figure 2.2.1 Design of the System

![](_page_35_Figure_0.jpeg)

Figure 2.3.1 Mesh Configuration (1/2)

![](_page_36_Figure_0.jpeg)

Figure 2.3.2 Mesh Configuration (2/2)