1. Temperature:

Figure 1: Temporal distributions of temperature at sites 1 through 11
Figure 2: Spatial distributions of temperature at sites 1 through 11
2. pH:

![Temporal distributions of pH at different sites in the study area (2016)](image)

*Figure 3: Temporal distributions of pH at sites 1 through 11*
Figure 4: Spatial distributions of pH at sites 1 through 11
3. Conductivity:

Figure 5: Temporal distributions of conductivity at different sites in the study area (2016)
Figure 6: Spatial distributions of conductivity at sites 1 through 11
4. TDS:

Figure 7: Temporal distributions of TDS at sites 1 through 11
Figure 8: Spatial distributions of TDS at sites 1 through 11
5. Turbidity:

Figure 9: Temporal distributions of turbidity at sites 1 through 11
Figure 10: Spatial distributions of turbidity at sites 1 through 11
6. Total Suspended Solids:

Figure 11: Temporal distributions of TSS at sites 1 through 11
Figure 12: Spatial distributions of TSS at sites 1 through 11
7. Dissolved Oxygen:

Figure 13: Temporal distributions of DO at sites 1 through 11
Spatial distributions of DO at each site in the study area (2016)

Figure 14: Spatial distributions of DO at sites 1 through 11
8. Total phosphate:

Figure 15: Temporal distributions of total phosphate at sites 1 through 11
Figure 16: Spatial distributions of total phosphate at sites 1 through 11
9. Nitrate:

Figure 17: Temporal distributions of nitrate at sites 1 through 11
Figure 18: Spatial distributions of nitrate at sites 1 through 11
10. Chloride:

Figure 19: Temporal distributions of chloride at sites 1 through 11
Figure 20: Spatial distributions of chloride at sites 1 through 11
11. E. coli:

Figure 21: Temporal distributions of E. coli at sites 1 through 11
Figure 22: Spatial distributions of E. coli at sites 1 through 11
Figure 23: Temporal Distributions of Discharge at Sites 1 through 11
Figure 24: Spatial Distributions of Discharge at Sites 1 through 11
Sampling Sites in the Bagmati River Watershed
Kathmandu, Nepal (2016)
Average pH Distributions at Different Sites of the Bagmati River Watershed  
(May-July, 2016)

Legend

pH

7.20

7.20 - 7.60

7.60 - 7.71

Average Temperature Distributions at Different Sites of the Bagmati River Watershed
(May-July, 2016)
Average TDS Distributions at Different Sites of the Bagmati River Watershed (May-July, 2016)
Average DO Distributions at Different Sites of the Bagmati River Watershed (May-July, 2016)
Average Nitrate Distributions at Different Sites of the Bagmati River Watershed (May-July, 2016)

Legend
Nitrate (mg/L)
- < 0.47
- 0.48 - 0.67
- 0.68 - 1.36
- 1.37 - 2.13
- 2.14 - 3.23

Source: GIS of locations, Legend, Land Use, Elevation, Geology, Soil, Landcover, Vegetation, Hydrology, and the USGS-NEIC-Community
Average E. coli Distributions at Different Sites of the Bagmati River Watershed (May-July, 2016)

Legend

E. coli (MPN/100 ml)

- 4168.89
- 4168.90 - 13481.11
- 13481.12 - 16544.44
- 16544.45 - 43555.56
- 43555.57 - 46000.00