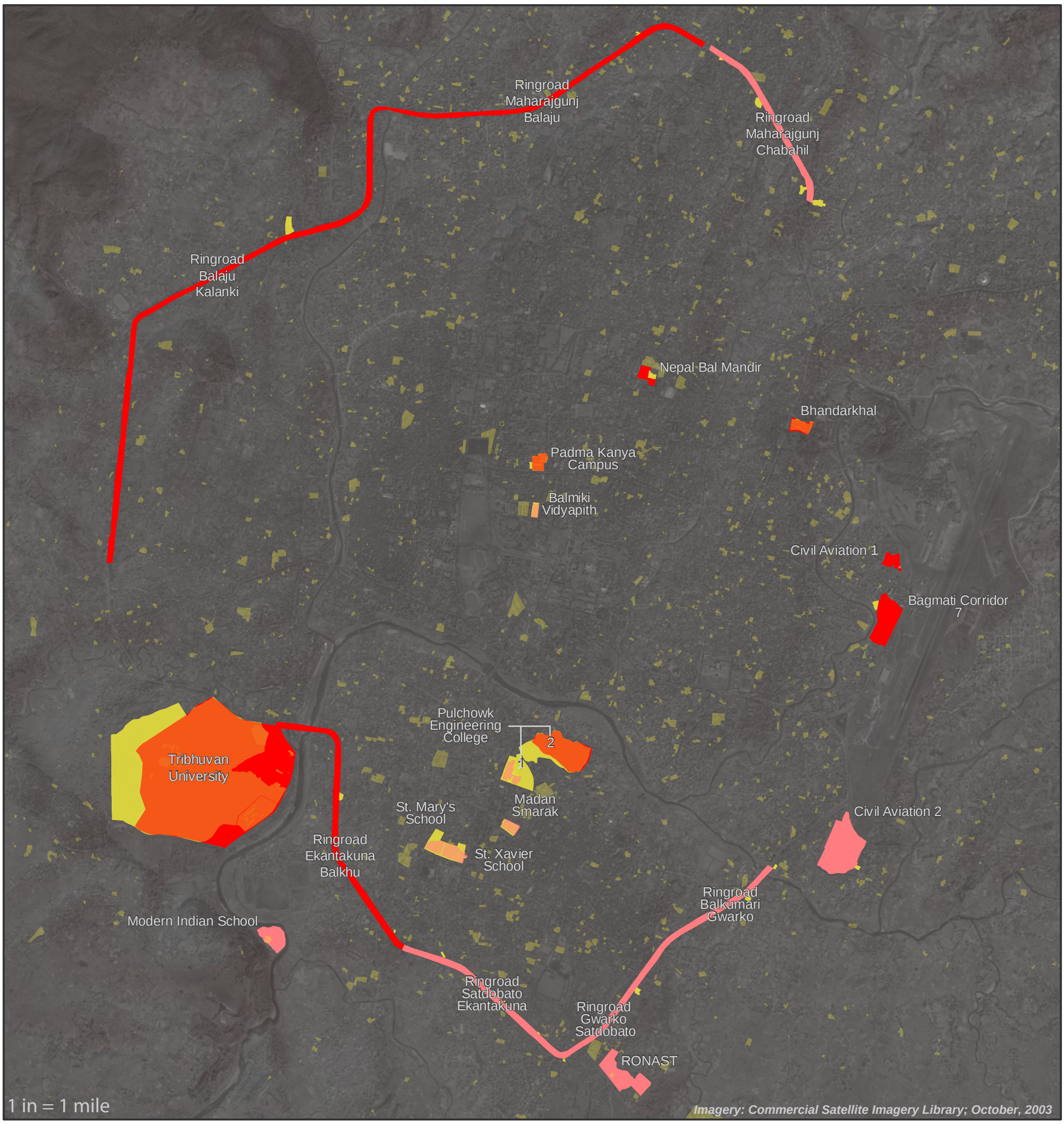
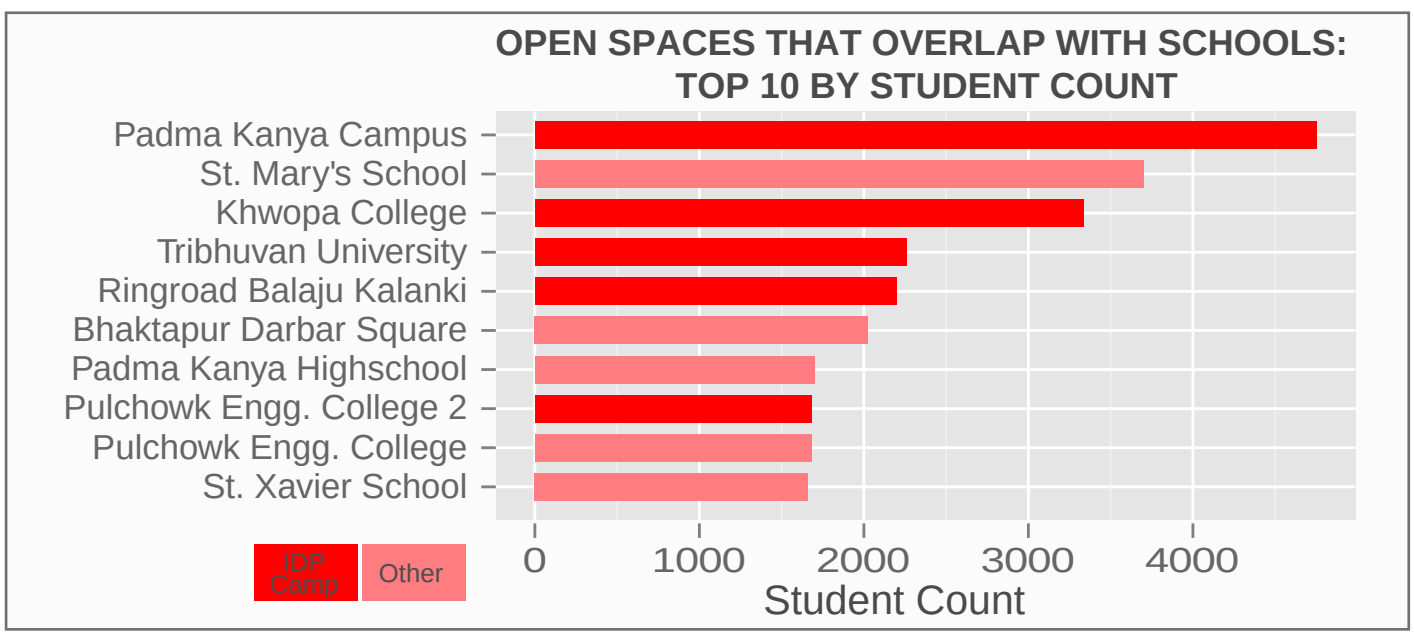
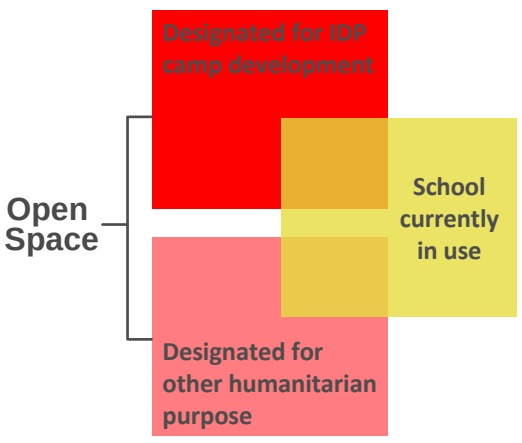
Nepal Earthquake Contingency Planning: Schools and Open Spaces

It is estimated that up to 1.8 million people could be displaced by a major earthquake in the Kathmandu Valley. As part of contingency planning for an earthquake in Nepal, 83 open spaces in the valley were identified and allocated usages for humanitarian purposes following a major disaster event. By combining our open space analysis with school data from the Open Cities project we can see what the top ten student population within these spaces might be during a daytime event when school is in session. This is but one example of the types of analysis we are exploring to support our work.







Data sources: IOM, Open Cities via OpenStreetMap