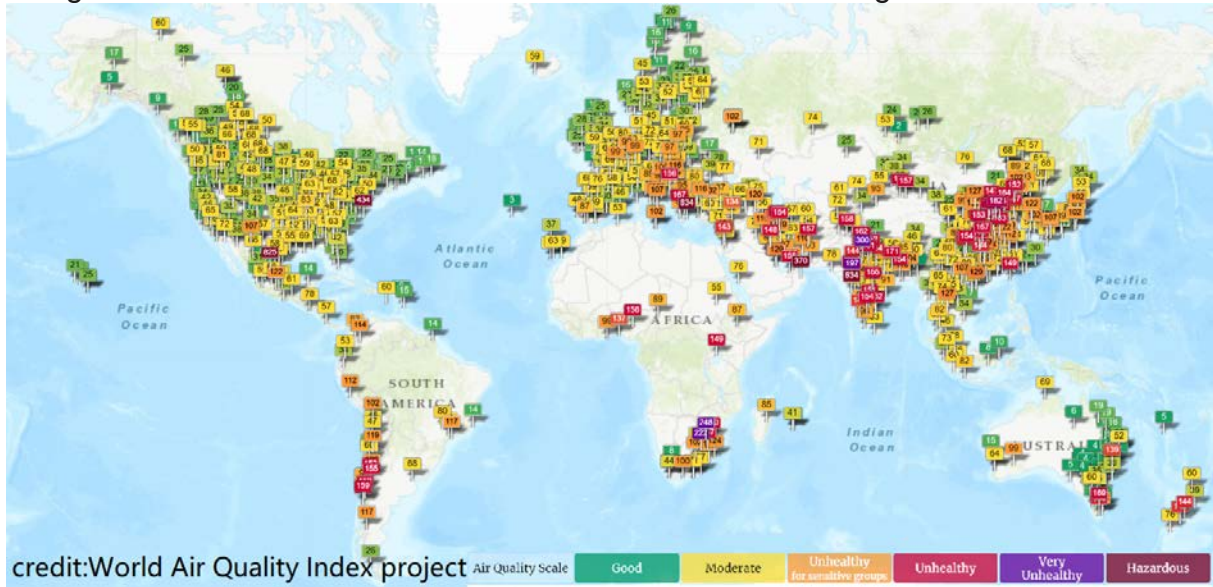


Topic 2: Change of near surface particulate matter concentration over mega cities

Near surface particulate matter concentration ($PM_{2.5}$) is one of the most important indicators for air quality. It has been reported that premature death worldwide caused by $PM_{2.5}$ pollution is more than 3 million per year. Ground-based measurements, satellite observations and model simulations can provide $PM_{2.5}$ information from different aspects. This project will investigate the change of $PM_{2.5}$ concentration using different data source over selected cities for selected big events.



Requirements: Basic programming skill is needed

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