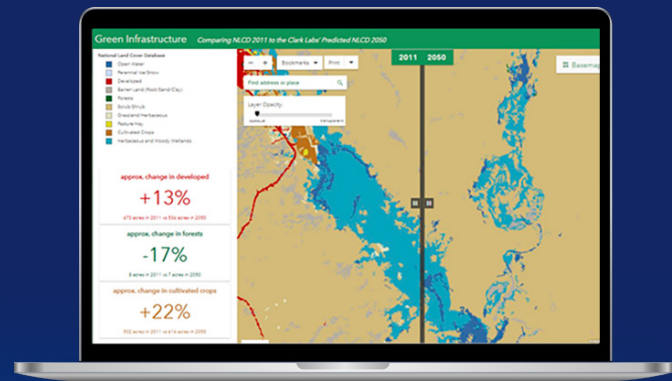


SECURING WATER FOR FUTURE GEOSPATIALLY

Water is undoubtedly one of the vital elements for existence of life on the earth. But today this very lifeline is under serious threat due to human activities of the past. With about 4% of worlds water resources and 18% of world population, India has a bigger problem on its hands.

India receives a good rainfall during monsoon season, but changing economic, demographic, and climatic conditions are reshaping the water situation rapidly. According to the World Resources Institute's report, India ranks 13 out of 17 countries facing extremely high water stress. In an average year, agriculture, industry, and municipalities are consuming 80 percent of the available surface and groundwater. Reuters reports that more than a third of India's population



lives in water-stressed areas and this number is set to grow due to depleting groundwater and rising urbanisation. As per the 2030 Water Resources Group, if we continue to consume water at the