**Map Description & Analysis**

* **Introduction:**

In urban areas, there are various factors like increasing population, developmental activities and migration which are further increasing the pressure on city resources and lead to urban expansion. In the past few decades, there was a rapid expansion of urban cities at a global scale which develops the need of monitoring the change in land use and urban settlement area. In that case, remote sensing is a valuable tool to monitor and understand the causes responsible for Land Use Land Cover (LULC) changes. This study is focused on understanding the land use change dynamics of **Jaipur city**.

* **Methodology:**

**1. LAYER STACK**

**2. MOSAIC**

**3. SUBSET**

**4. SUPERVISED CLASSIFICATION**

**IRS LISS- III (7 MARCH 2012**)

**IRS LISS- III (16 FEBRUARY 2018**)

* **Observation:**

Map shows expansion in urban area and reduction in vegetation area on the outskirts of the city and within the city as well but there is a slight increase also. Water body named Kanota Dam area increased in 2018.

* **Application:**

Change detection is useful as it can help in the development of city plans and environmental management.