

Title of Project:

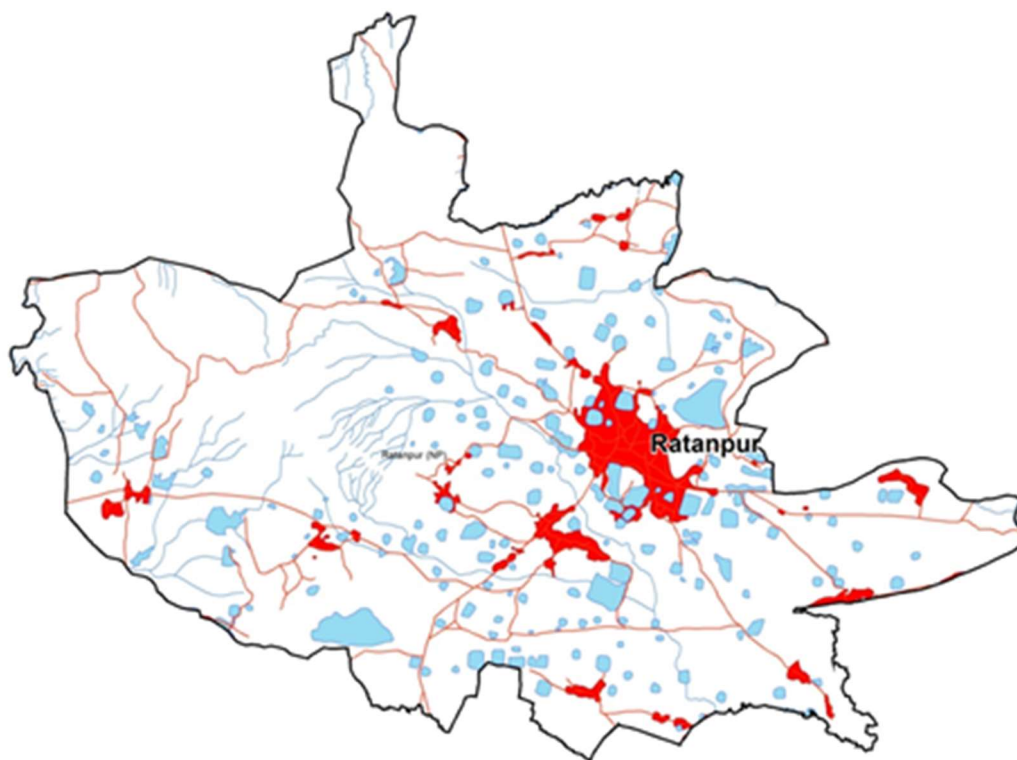
Identification of Ratanpur as Ramsar Wetland Town - Inventory of Wetlands using High Resolution Satellite Data (LISS-IV) and Creation of Wetland Database

Name of Principal Investigator	Dr. Amit Dubey & Mr. P. Kawishwar
Scientific Team	Mr. Bhaskar Prasad Sahu, Junior Research Fellow
Name of Funding Agency	Chhattisgarh Environment Conservation Board
Tenure of Project	Ongoing Since 2018

Summary of Project:

All water bodies present within the Ratanpur Nagar Panchayat limits were first mapped and coded with hierarchical 20 digit unique alfa-numeric code based on its location and size class. The Water bodies are also been studies for their surrounding geology, geological structures, landuse and slope.

As per the mandate of Ramsar convention the water quality analysis on Physical parameters (on site), Major cations, Major anions & Trace metals (in lab) are being studied and a status report shall be submitted to the Department to evolve a comprehensive proposal for Ramsar convention.



Ratanpur Nagar Panchayat with Water Bodies



Water Bodies in Ratanpur Nagar Panchayat