



AI-Enabled Water Atlas

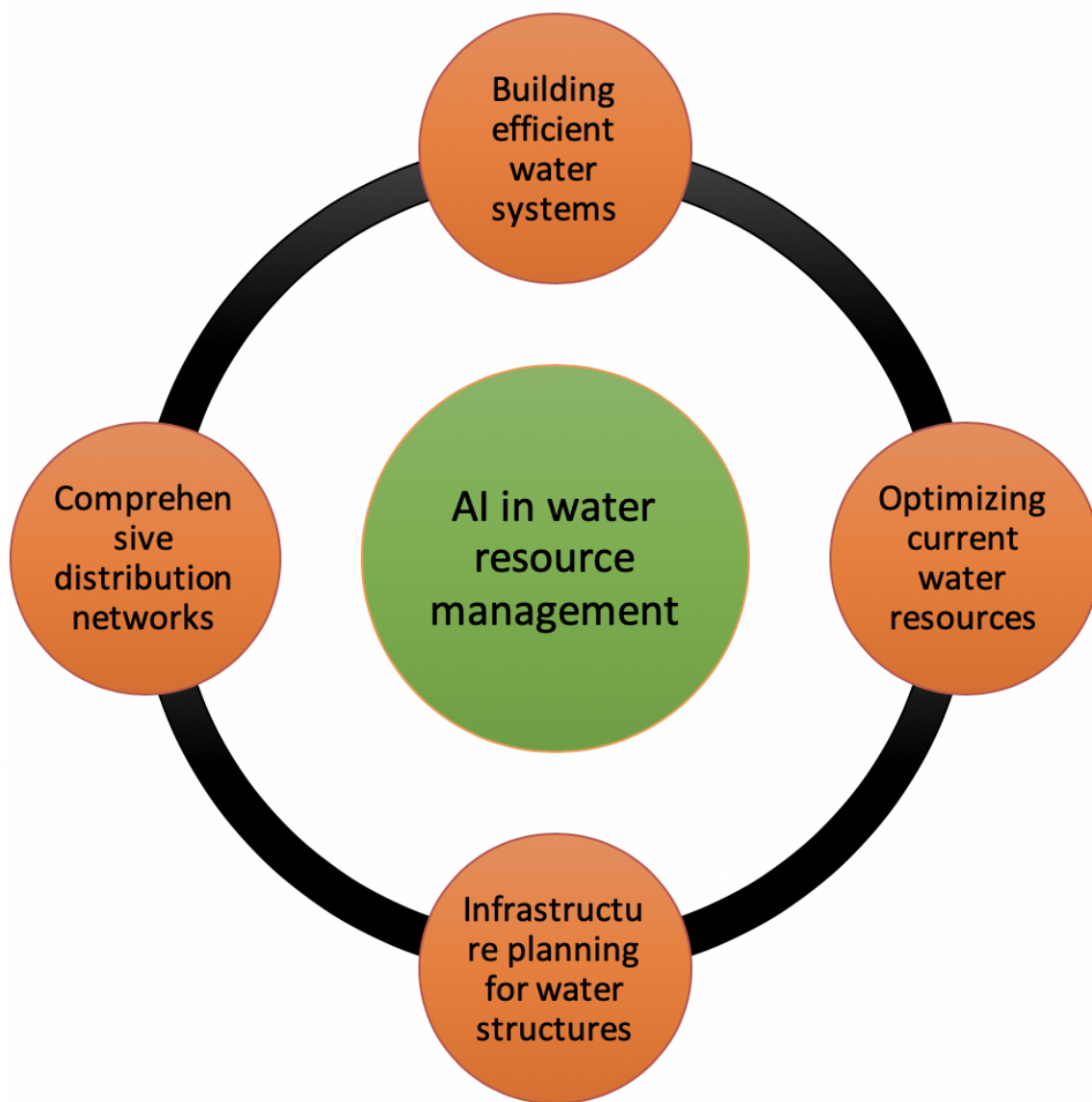
Source: [HT](#)

Haryana has launched the **Haryana Water Resource Atlas 2025**, an [Artificial Intelligence \(AI\)](#)-powered geospatial platform that monitors, manages, and conserves the state's rapidly [depleting water reserves](#).

AI-Enabled Water Atlas

- The platform offers **real-time insights** into **groundwater levels, surface water bodies, aquifers, recharge zones, canal systems, and cropping patterns**.
- It provides **real-time, data-driven support** for water conservation, sustainable farming, and infrastructure planning by integrating **satellite data, GPS surveys, [IMD](#) meteorological inputs, and data from [Central Groundwater Board \(CGWB\)](#), Irrigation, and Agriculture Departments**.

India is taking strides in effective **water management with the help of AI**. Recently, **researchers from IIT Kharagpur** have also developed an **AI-based prediction model** for detecting **Arsenic pollution in drinking water**.



Read More: [Making Water Management Effective in India](https://www.drishtiias.com/printpdf/making-water-management-effective-in-india)

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