



Development of a Water Resources Database for Easy Sharing and Better Management: A case study of Can Tho City

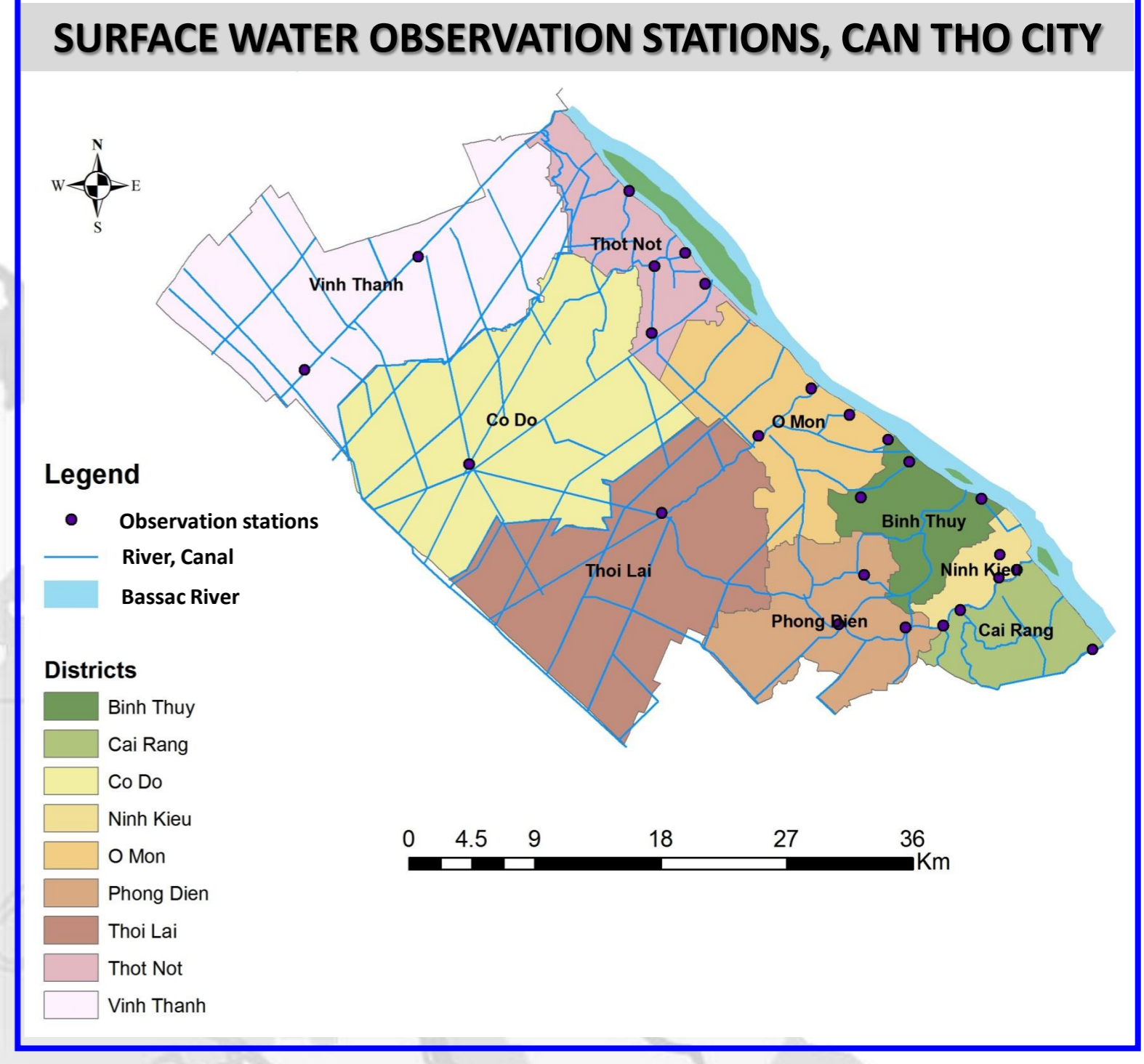
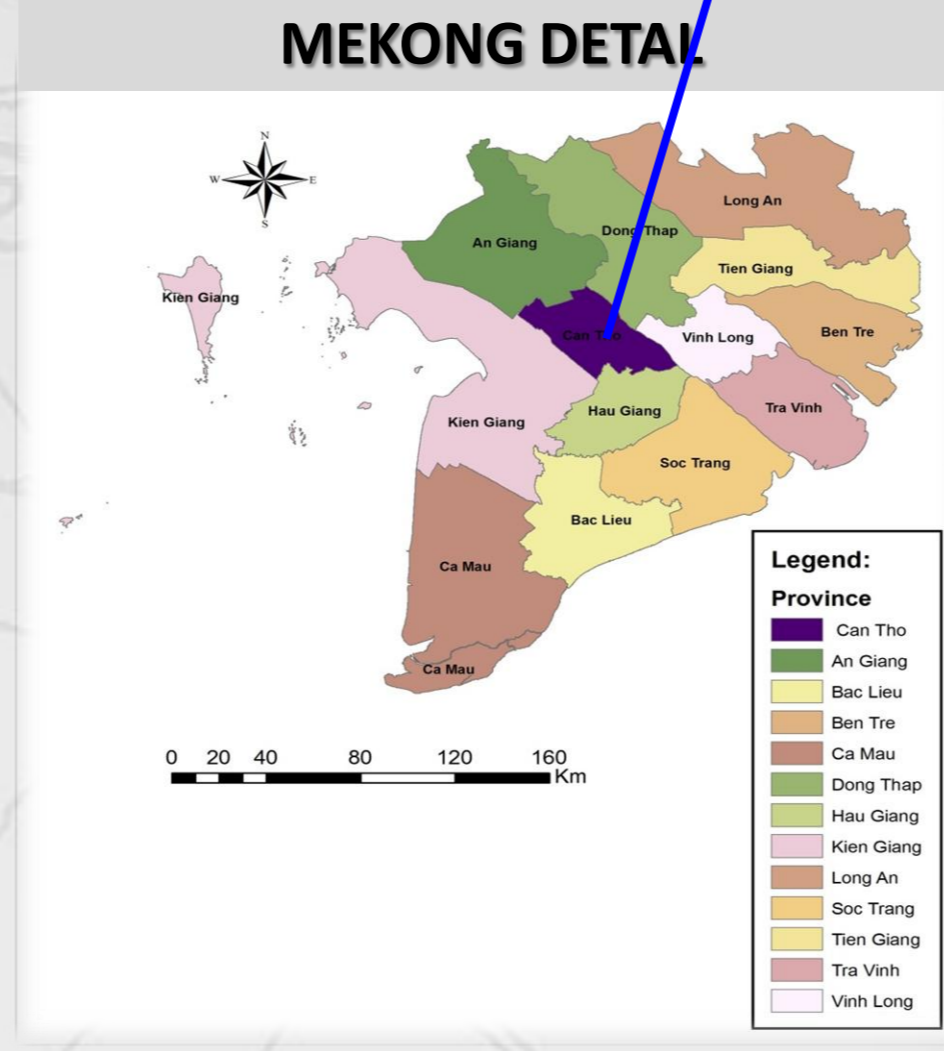
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INTRODUCTION

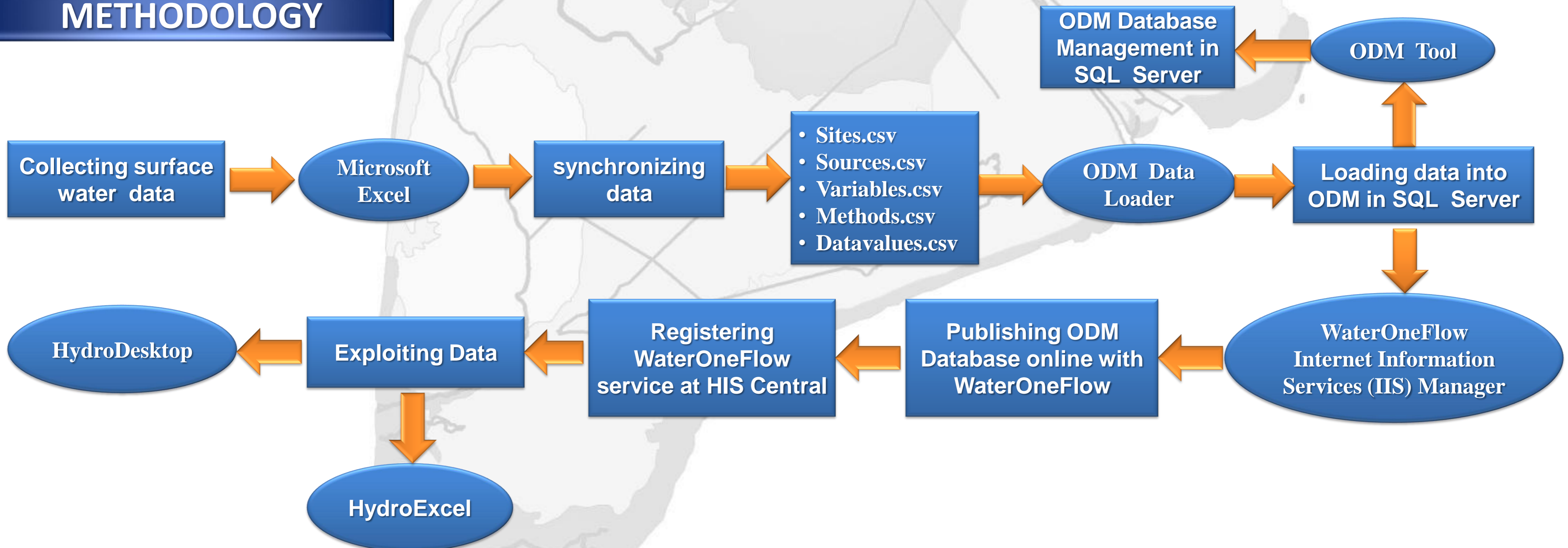
- Hydrological data are often collected and stored in different departments in different format → Collecting, synthesizing and updating hydrological data (for either research or management) can be a difficult task (e.g. time and personnel resources consuming)
- The Consortium of Universities for the Advancement of Hydrologic Science, Inc. - Hydrologic Information System (CUAHSI-HIS) was developed in order to establish a web-based services system to share hydrologic data.
- The system includes hydrological databases and servers, web connection → allowing publication and access of available database with reference to geographic features.



OBJECTIVE

→ To build a surface-water-resources database and to set-up a mechanism to manage and share available data for users using the CUAHSI-HIS system.

METHODOLOGY



EXPECTED RESULTS

- An open surface water quality database of different monitoring sites in the Can Tho City to be established → to allow the users to query, visualize, edit and export data.

