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Integration of numerical model and cloud computing

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- Model as a Service (MaaS) with expert knowledge is proposed as a new architecture of cloud computing.
- A numerical model which simulates the groundwater system is constructed as a case study for the MaaS.
- The parameters in the numerical model are analyzed using sequential data assimilation.
- A first implementation of the MaaS is conducted on the private cloud to prove the feasibility of the architecture.

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