Accepted Manuscript

Integration of numerical model and cloud computing

Chong Chen, Dan Chen, Yingnan Yan, Gaofeng Zhang, Qingguo Zhou, Rui Zhou

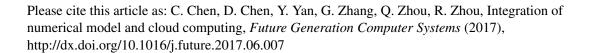
PII: S0167-739X(17)31234-7

DOI: http://dx.doi.org/10.1016/j.future.2017.06.007

Reference: FUTURE 3505

To appear in: Future Generation Computer Systems

Received date: 29 September 2016 Revised date: 25 May 2017 Accepted date: 13 June 2017



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

- 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.

دريافت فورى ب

ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
 - ✓ امكان دانلود نسخه ترجمه شده مقالات
 - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 - ✓ امكان دانلود رايگان ۲ صفحه اول هر مقاله
 - ✔ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 - ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات