Open Science
Policies and Practice

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About ISCRAM

ISCRAM is a learned society for people working in the field of Information Systems for Crisis Response and Management. The acronym was first used for the first international ISCRAM Workshop held in Brussels in 2004.

ISCRAM Community

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ISCRAM is the acronym for Information Systems for Crisis Response and Management, and has been first used for the first international ISCRAM Workshop in Brussels in 2004. The ISCRAM Association's primary mission is to foster a community dedicated to promoting research and development, exchange of knowledge and deployment of information systems for crisis management, including the social, technical and practical aspects of all information and communication systems used or to be used in all phases of management of emergencies, disasters and crises.

main fields

Search

Recent Changes

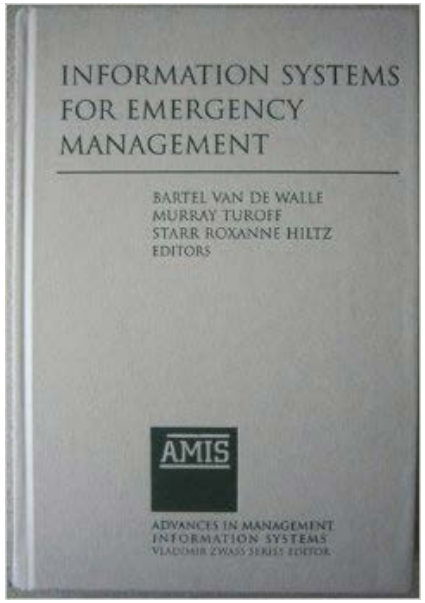
- added: today | yesterday | last 7 days
- edited: today | yesterday | last 7 days
- published in: 2018 | 2017 | 2016 | 2015

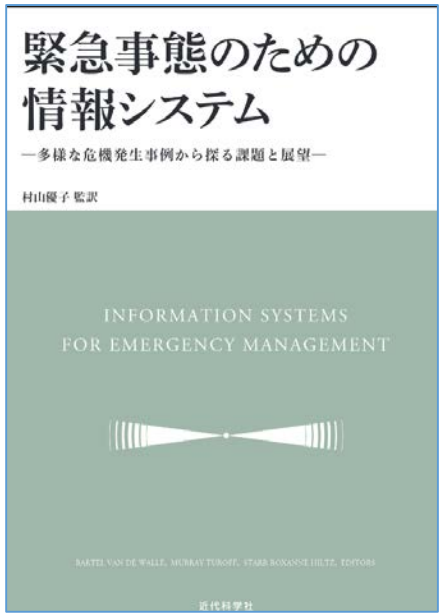
Most recently added publications:

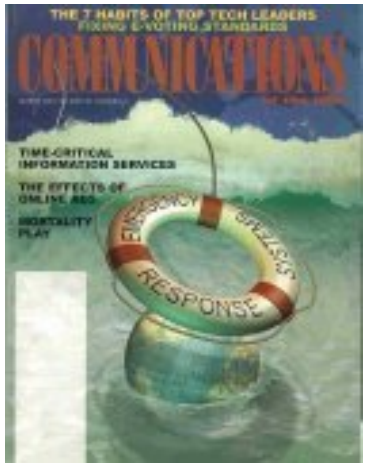
Songhui Yue, Jyothsna Kondari, Aibek Musave, Songqing Yue, & Randy Smith. (2018). Using Twitter Data to Determine Hurricane Category: An Experiment. In Kees Boersma, & Brian Tomaszewski (Eds.), *ISCRAM 2018 Conference Proceedings – 15th International Conference on Information Systems for Crisis Response and Management* (pp. 718–726). Rochester, NY (USA): Rochester Institute of Technology.

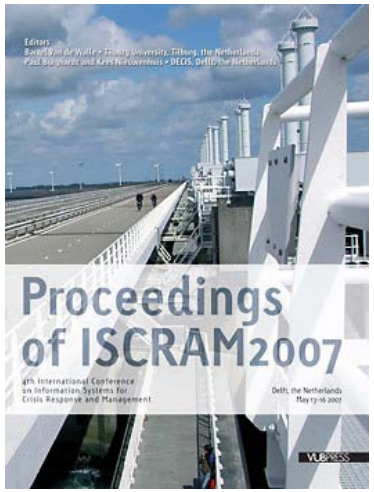
Murray Turoff, Victor a Bañuls, & Miguel Ramirez de la Huerga. (2018). Hurricanes Send Signals for the Future of Emergency Preparedness. In Kees Boersma, & Brian Tomaszewski (Eds.), *ISCRAM 2018 Conference Proceedings – 15th International Conference on Information Systems for Crisis Response and Management* (pp. 797–805). Rochester, NY (USA): Rochester Institute of Technology.

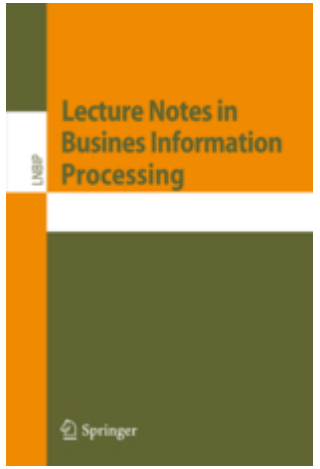
Dick Ooms, Willem-Jan van den Heuvel, & Bartel Van de Walle. (2018). A Conceptual Framework for Civil-Military Interaction in Peace Support Operations. In Kees Boersma, & Brian Tomaszewski (Eds.), *ISCRAM 2018 Conference Proceedings – 15th International Conference on Information Systems for Crisis Response and Management* (pp. 1003–1015). Rochester, NY (USA):











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Research Funding

NWO

SEVENTH FRAMEWORK PROGRAMME

MARIE CURIE FELLOWSHIPS

fwo

OCHA United Nations Office for the Coordination of Humanitarian Affairs

NetHope WIRING THE GLOBAL VILLAGE

BILL & MELINDA GATES foundation

Rijksdienst voor Ondernemend Nederland

federale overheidsdienst VOLKSGEZONDHEID, VEILIGHEID VAN DE VOEDSELKETEN EN LEEFMILIEU

POLITIE

Cordaid

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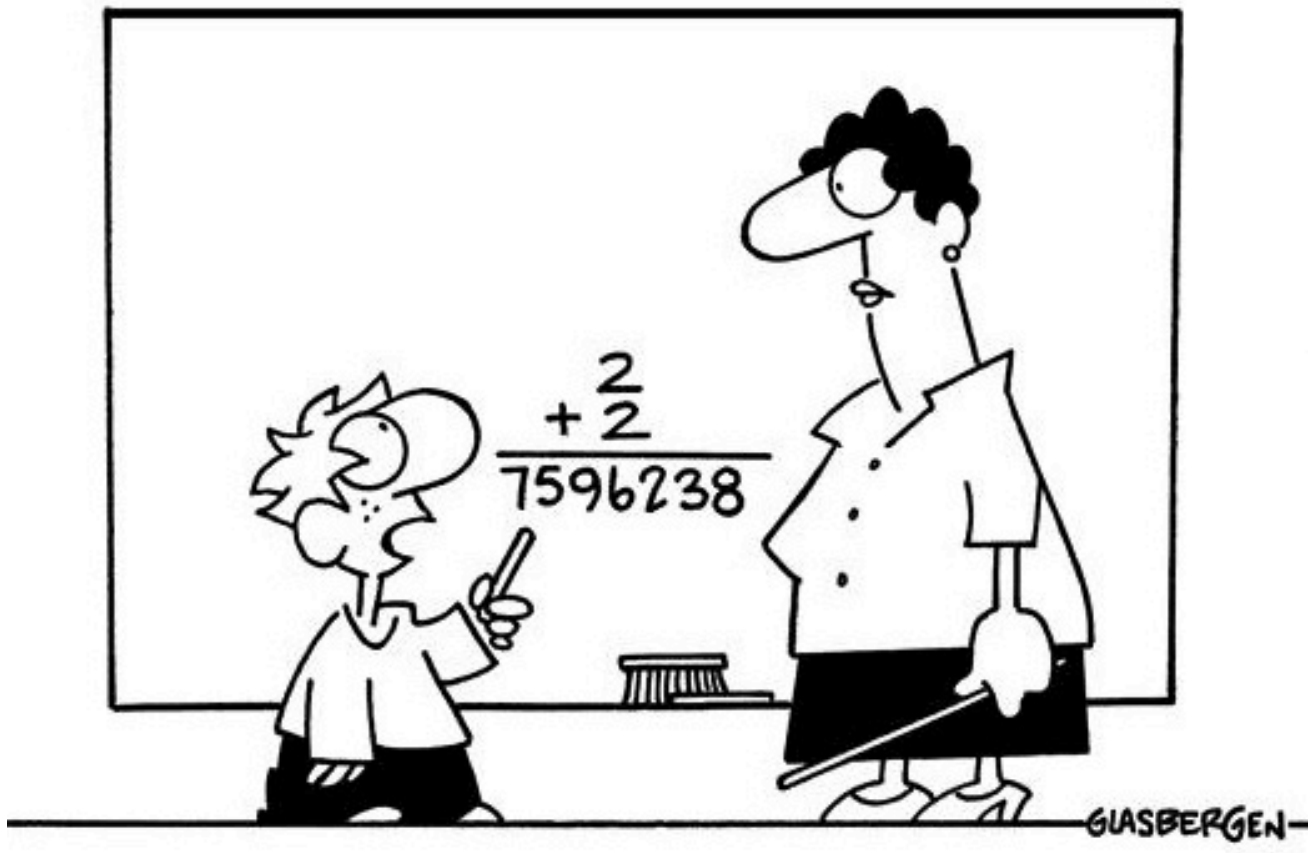

"In an increasingly complex world, sometimes old questions require new answers."

The challenges of implementing Open Science

Image by Danny Kingsley

It is difficult to get ANY change in research institutions

Resistance

- Generally institutions are reluctant to step up, partly because of the governance structure.
- **The nature of research itself is changing profoundly**. This includes extraordinary dependence on data, and complexity requiring intermediate steps of data visualisation. **These eResearch techniques have been growing rapidly, and in a way that may not be understood or well led by senior administrators.**
  - "Openness, integrity & supporting researchers" Emeritus Professor Tom Cochrane https://unlockingresearch.blog.lib.cam.ac.uk/?p=307

The way we do research has changed for good

- We now have new expectations

- **Transparency**
  - Not secrecy
- **Collaborative**
  - Not solo
- **Continuous**
  - Not discretised

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Definition of Work System

A system in which human participants and/or machines perform work using information, technology, and other resources to produce products and/or services for internal or external customers

(Steven Alter, USF)

USF UNIVERSITY of SAN FRANCISCO

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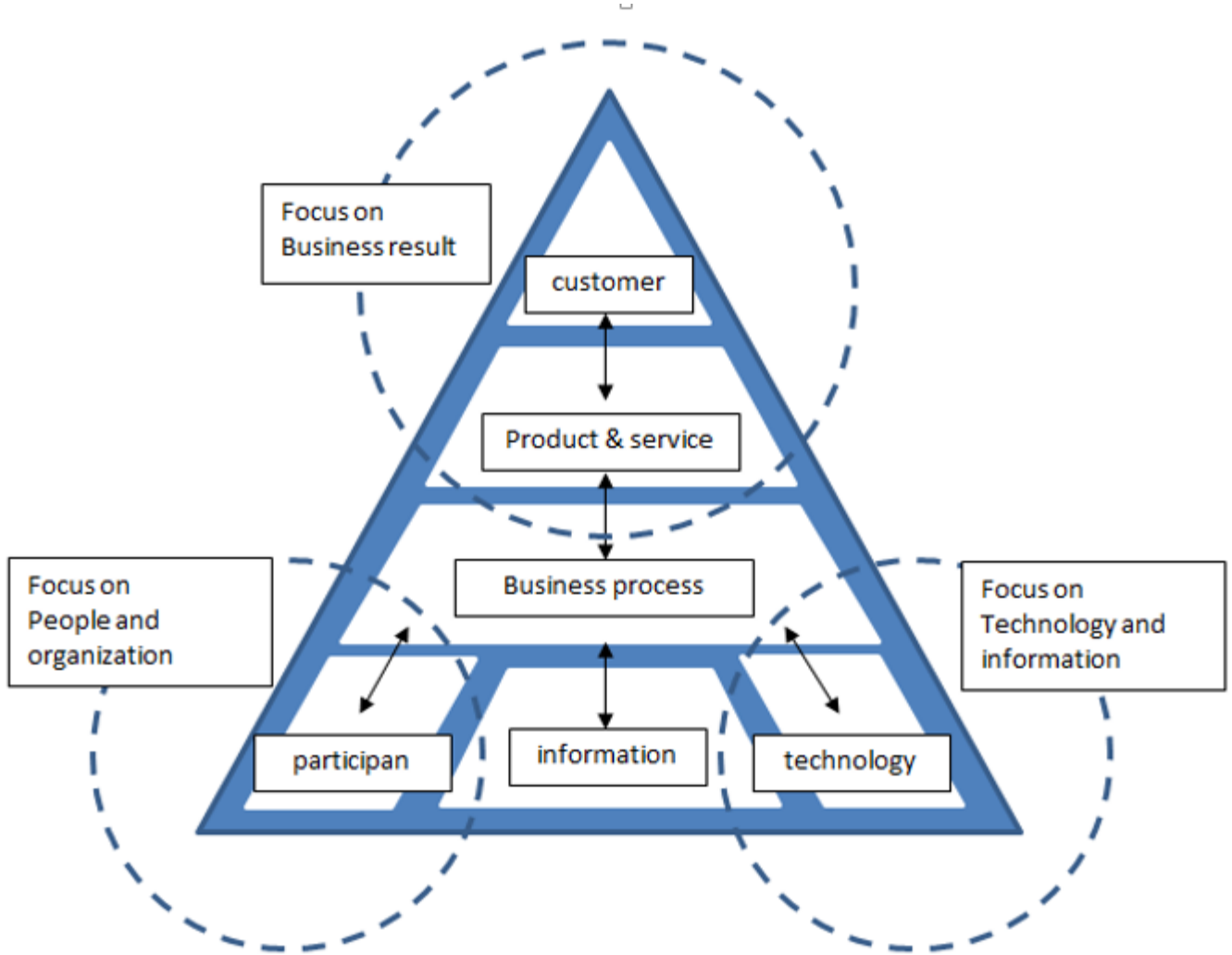

(Steven Alter, USF)

Modular learning

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Designed by: Mike Morrison

Our vision of the future

To help make ‘Open’ the default setting for all global research.

We want to help create a welcoming and supporting community, with good tools, teachers, and role-models, and built upon a solid values-based foundation of freedom and equitable access to research.

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Engineering Policy Analysis The Hague

- **Potential for cooperation Min - UN - NGO's**
- **Emerging SDG-inspired research in TPM**
- **4TU Resilience Centre – The Hague Resilient City**

Open can mean success

- McGill University's Montreal Neurological Institute and Hospital, Canada
  - First academic institution to adopt an open science approach
  - Institute has received considerable donations in the wake of this decision
  - $20 million in January 2017 to establish the Tanenbaum Open Science Institute
    https://www.mcgill.ca/newsroom/channels/news/mcgill-university-announces-transformative-20-million-donation-montreal-neurological-institute-and-264838

OPEN SCIENCE: JUST SCIENCE DONE RIGHT