



The Role of Software and Data Technologies in Enhancing Industry and Government Capabilities to Manage Economic Crises

[Link to publication record in Manchester Research Explorer](#)

Citation for published version (APA):

Theodoulidis, B. (2010). *The Role of Software and Data Technologies in Enhancing Industry and Government Capabilities to Manage Economic Crises*. 5th International Conference on Software and Data Technologies, Athens, Greece.

Citing this paper

Please note that where the full-text provided on Manchester Research Explorer is the Author Accepted Manuscript or Proof version this may differ from the final Published version. If citing, it is advised that you check and use the publisher's definitive version.

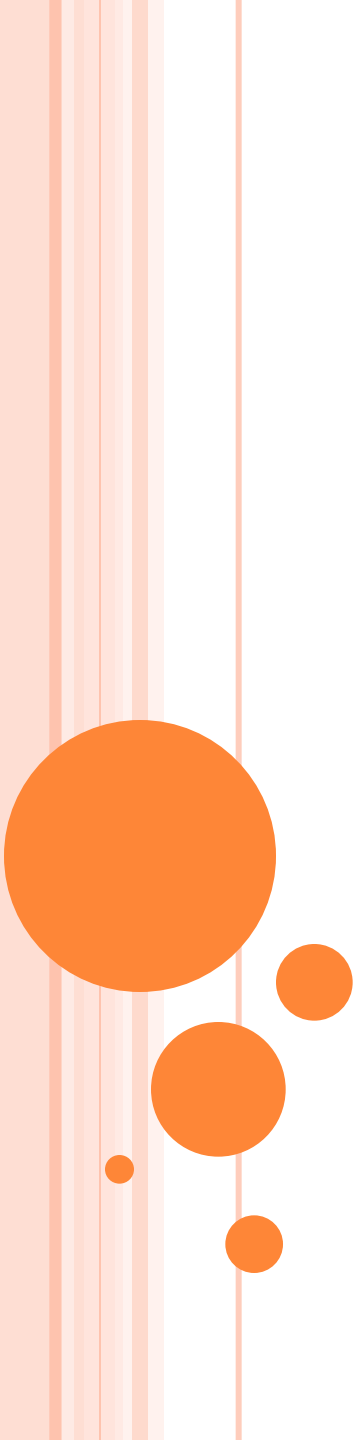
General rights

Copyright and moral rights for the publications made accessible in the Research Explorer are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

Takedown policy

If you believe that this document breaches copyright please refer to the University of Manchester's Takedown Procedures [<http://man.ac.uk/04Y6Bo>] or contact uml.scholarlycommunications@manchester.ac.uk providing relevant details, so we can investigate your claim.





THE ROLE OF SOFTWARE AND DATA TECHNOLOGIES IN ENHANCING INDUSTRY AND GOVERNMENT CAPABILITIES TO MANAGE ECONOMIC CRISES

ICSOF PANEL SESSION
22ND JULY 2010
ATHENS

Babis Theodoulidis
Manchester Business School

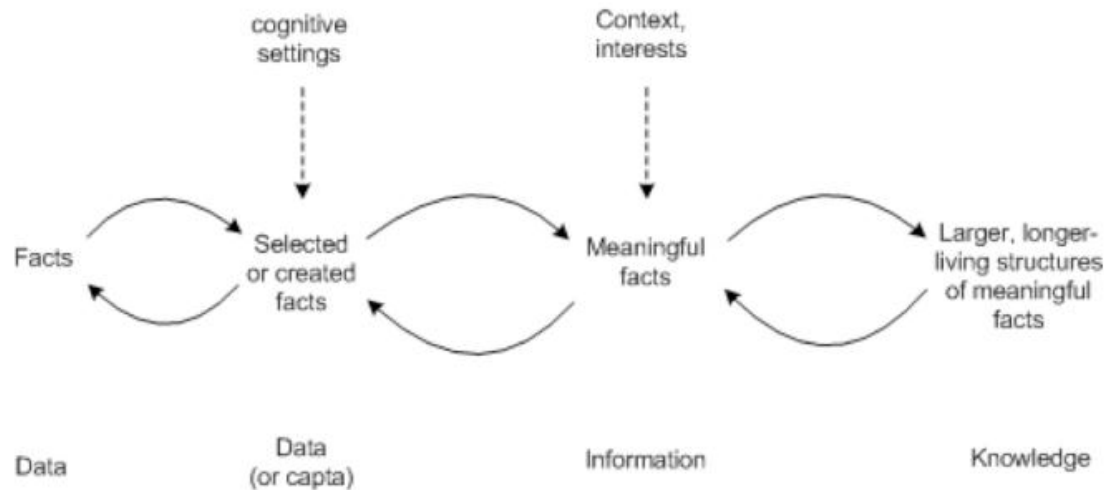
WHO AM I?

- Computer Engineering, Patras
- Databases, Glasgow
- Information Systems, UMIST
- Twenty years in Manchester (1988)
 - UMIST Computation
 - UoM Informatics
- Temporal/Spatial Databases
- Data Protection and FOI
- Data/Text Mining
- Information Management
- The role of the CIO
- Research spin-offs
- football, fishing, old computers

b.theodoulidis@mbs.ac.uk



IS IT ABOUT TECHNOLOGY?



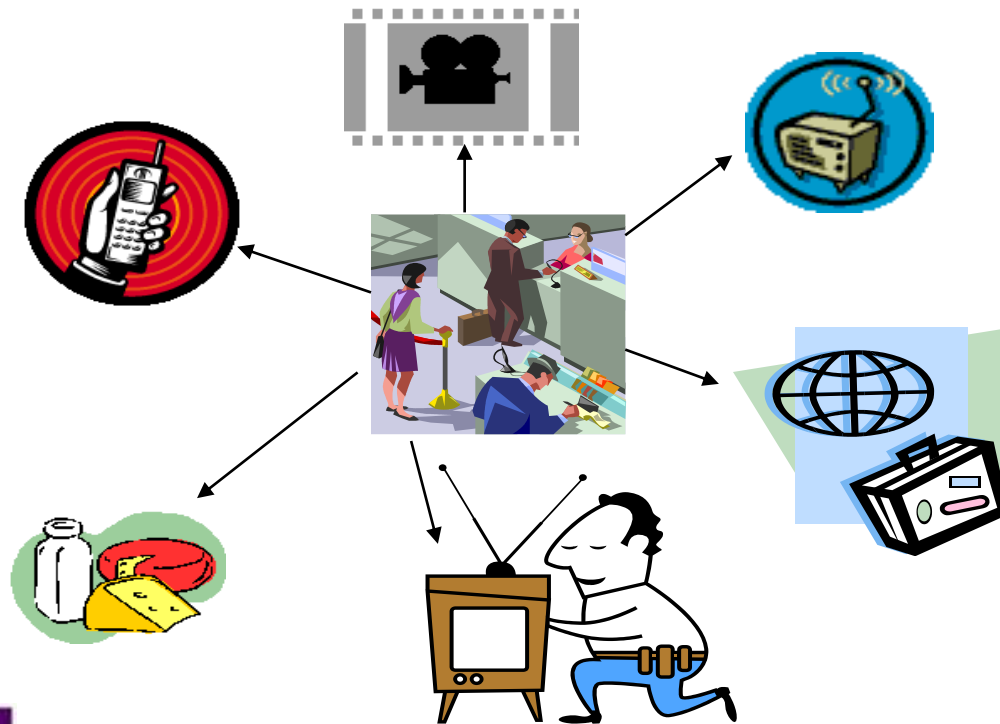
The link between data, information and knowledge (Checkland 1998, p90)

- Was it because of technology that we couldn't prevent the subprime mortgage crisis?



THE MAGICAL REALITY OF INFORMATION MANAGEMENT

- Getting the *right information* to the *right person/place* at the *right time*



IS IM A WICKED PROBLEM?

- You don't know whether you have the *right information* until you act upon it
- Different stakeholders have different views on what is the *right information*
- Information and information needs change over time
- Information can lead to a decision that produces better results so it is merely “better” information



REDUCING THE WICKEDNESS.....

- Openness/ Publicity
- Transparency
- Accountability
- Traceability



<http://www.plakaty.ru/posters?id=2195>



WHERE ARE WE NOW?

- Open Government Data
 - data.gov.uk
 - data.gov
 - data.worldbank.org
 - astynomia.gr/opendata
- Linked Data
- Information Glasnost

