

# Hamid R. Ekbia

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Indiana University  
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## EDUCATION

**Ph.D. Indiana University**, Bloomington, IN.  
Computer Science and Cognitive Science (double major)  
Minor: History and Philosophy of Science

**MS. University of California**, Los Angeles, CA.  
Electrical Engineering; awarded with Distinction

**BS. Abadan Institute of Technology**, Abadan, Iran  
Electrical Engineering; awarded with Distinction  
1<sup>st</sup> Class Honors

## RESEARCH INTERESTS

My overall research agenda investigates how knowledge is developed, transformed, shared, and effectively mobilized in and among individuals, organizations, and communities, and how technology mediates this process. Specific research projects have studied this topic in scientific disciplines (Artificial Intelligence), organizations (Decision Support Systems, Knowledge Management, Network Organizations), distributed collectives (Free/Open Source Software), and complex socio-ecological systems (GIS, Agent-Based Modeling and Simulation).

## TEACHING EXPERIENCE

**Associate Professor**  
School of Library and Information Science, Indiana University, Bloomington (2007– )

**Assistant Professor**  
Computer Science Department, University of Redlands (2003 – 2006)

**Visiting Lecturer**  
School of Informatics, Indiana University, Bloomington (2002–03)

**Lecturer**  
Free University, Mashhad, Iran (1986)

## Courses Taught

- Artificial Intelligence, Cognitive Science, Social Informatics, Sociology of Science, Technology and Society, Introduction to Informatics, Theory of Computing, Data Structures and OOP, Intro to Programming, Programming for the Web, Software Engineering, Human-Computer Interaction

## BOOKS

Artificial Dreams: The Quest for Non-Biological Intelligence. Cambridge University Press, 2007

## RECENT PUBLICATIONS

Ekbia, H. (2006). Taking Decisions into the Wild: An AI Perspective on the Design of iDSS. Intelligent Decision-Making Support Systems (I-DMSS): Foundations, Applications and Challenges. J. Gupta, G. Forgionne, & M. Mora (eds.). Springer Verlag.

Ekbia, H. (2006). Managing Network Organizations in the Knowledge Economy: Learning from Success and Failure. In U.Apte and U. Karmarkar (eds.): Management in the Digital Economy Springer Verlag, pp. 118-148.

Ekbia, H. (under review). The Global Management of Knowledge and Power: Regimes of Social Truth. *Information and Organization*.

Ekbia, H. & Gasser, L. (2007). Seeking Reliability in Freedom: The Case of F/OSS. In K. Kraemer and M. Elliott (eds.). *Computerization Movements and Technology Diffusion: From Mainframes to Ubiquitous Computing*. Information Today.

Ekbia, H. & Hara, N. (under revision, *JIS*). Quality of Evidence in Knowledge Management Research: Scholarly and Practitioner Literature.

Ekbia, H. & Kling, R. (2005). Network Organizations: Voluntary Cooperation or Multivalent Negotiation. *The Information Society*, 21(3), 155–1168.

Ekbia, H. & Reynolds, K. (2006). Decision support for sustainable forestry: enhancing the basic rational model. *Forestry Management: The Past and the Future*. Thompson, A. & Reynolds, K.M. (eds.). Springer Verlag. pp.497-514

Ekbia, H. & Hara, N. (2005). Incentive Structures in Knowledge Management. *Encyclopedia of Knowledge Management*. D. Schwartz (ed.), Idea Group.

Ekbia, H. (2004) How IT Mediates Organizations: Enron and The California Energy Crisis. *Journal of Digital Information*, 5(4). Available from: <http://jodi.ecs.soton.ac.uk/Articles/v05/i04/Ekbia/>

Ekbia, H. (2003). Discrete Representations and Continuous Design: The Normative Coordination of Activity. *Report of the NSF Workshop on Continuous Design*

Ekbia, H. & Kling, R. (2003). Power in Knowledge Management in Late Modern Times. (winner of a best paper award)  
*Proceedings of the Annual Conference of the Academy of Management* with the theme of “Democracy in Knowledge Economy”. Seattle, WA.

Leuteritz, T. and Ekbia, H. (forthcoming) Not All Roads Lead to Resilience: A Complex Systems Approach to the Study of Three Habitats. *Ecology and Society*

## WORK IN PROGRESS

Ekbia, H. Changing GIS to Accommodate Change

Ekbia, H. Navigation in Natural Environments: An Agent-based Approach

Dunatov, K., Ekbia, H., and Gasser, L. Language as a Medium of Sensemaking in Distributed Collective Practices: The Case of F/OSS

Ekbia, H. and Gasser, L. Discourses of Reliability in F/OSS