



Baomin Hu (PhD , 1961)

Professor

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Research group(s): 2. The role of technology in growth and development.t
5.The governance of science technology and innovation

Professor Hu joined UNU-MERIT on 26th Oct. 2008 as a visiting researcher, working with Prof. Adam Szirmai.

Hu has rich professional experience in the management of technology and regional innovation system (MOT&RIS), having previously finished many projects and publications.

He is a professor of management school and the director of 211 project office in Hebei University of Technology.

Professional Experience (Since 2000) :

1. Published academic books:

- (1) Baomin Hu. Technological Innovation Diffusion: Theory and System Evolvment Models. Science Press, Beijing, 2002.11. (In Chinese)
- (2) Shiyong Zhang, Baomin Hu. A Economic Analysis and Industrial Innovation Research for Tianjin and Hebei's Oceanic Industry. Tianjin University Press, Tianjin, 2005.12 (In Chinese)
- (3) Baomin Hu, et al. A Study on Hebei Province's Regional Innovation System. Hebei Science and Technology Press, Shijiazhuang, 2006.2. (In Chinese)
- (4) Baomin Hu,et al. A Research of Coordination mechanism and management for Local Universities Scientific and technological innovation. Hebei University Press, Baoding, 2007.12. (In Chinese)

2. Published academic papers:

38 papers have been published since 2000. In which, 16 papers are indexed by SCI, EI, ISTP and SSCI. My representative Papers:

- (1) Baomin Hu, Lili Wang ,Xinkai Yu. Stochastic diffusion models for substitutable technological innovations, International Journal of Technology management, Vol.28.nos.7/8, 2004 : 654-666 (indexed by SCI : IDS Number:890DE ; indexed by EI : Accession number : 05038796146) (In English)

- (2) Baomin Hu, Lili Wang , Xinkai Yu. R&D and economic growth in China on the basis of data envelopment analysis: evidence from Hebei Province, PRC. Journal of Technology Management in China, vol. 2 No.3, 2007:pp.225-236 (In English)
- (3) Baomin Hu, Zibiao Li. The research status of regional Innovation system. Proceedings of the 3rd conference on technology management in China. China Science and Technology Press, 2006.7: pp.1-11(CD). (In Chinese)
- (4) Baomin Hu, Ting Wang, Zibiao Li. A Study on Characters of the Special R&D Program in China's Government. [J] China's Science and Technology Forum, 2007(9): pp.81-85(In Chinese)
- (5) Baomin Hu, Xinkai yu, Zibiao Li. A Study on Evaluation of Local Government's Policy Effects in the Regional Innovation System. Advance Research on Innovation Management in China (the 2nd Volume). Knowledge Rights Press. Beijing, 2006.01: pp.101-117. (In Chinese)

3. R&D Projects Supported By Government

R&D Projects Completed:

23 R&D projects supported by government have been completed since 2000, including 1 project supported by the Ministry of Science and Technology, PRC, 18 projects supported by Hebei Province Government, and 4 projects supported by the Education Committee of Hebei Province. the representative Projects :

- (1) Technological Innovation status and countermeasures research for national large and medium-sized industrial enterprises. Supported by the Ministry of Science and Technology of PRC. 1999-2001.
- (2) Researches of technological diffusion model. Supported by the Natural Science Foundation of Hebei province, 2001-2002.
- (3) Researches of space-time diffusion mechanism and system evolution model for Technology Innovation .Supported by the Natural Science Foundation of Hebei Province.2003-2006

R&D Projects in progress:

10 R&D projects supported by governments are working in progress, including 1 project supported by the National Natural Science Foundation of China, 1 project supported by the National Soft Science Research Plan of China, 8 projects supported by Hebei Province government. The representative R&D projects in progress:

- (1) Regional Innovation System: multi-Innovation polar and evolution Models. Supported by the National Natural Science Foundation of China. 2008.01-2010.12
- (2) A research of agricultural technology Innovation model and policy for undeveloped counties in China. Supported by the National Soft Science Research Plan of the Ministry of Science and Technology, PRC, 2006.12-2008.5
- (3) A research of the cluster development based on technology innovation in Hebei province. Supported by the Natural Science Foundation of Hebei Province. 2007- 2009.

4. Obtained Government Awards

- (1) A Research of Coordination mechanism and management for Local Universities Scientific and technological innovation. The Third Prize of The 11th Social Science Outstanding Achievements Award of Hebei Province, 2008

- (2) Researches of Regional Innovation System For Hebei Province. The Second Prize of The 10th Social Science Outstanding Achievements Award of Hebei Province, 2006.
- (3) A study on Hebei Province's science and technology planning management system. The Second Prize of Hebei Province's Science and Technology Progress Award. 2005.
- (4) Science and technology statistical database Construction and research of R&D resources allocation in Hebei Province. The Third Prize of Hebei Province's Science and Technology Progress Award 2003.
- (5) Researches of "Nine-Five" science and technology Plan of Hebei Province. The Third Prize of Hebei Province's Science and Technology Progress Award, 1999

Background:

Ph.D. Tianjin University, China, 2000

M. Sc. Hebei University of Technology, China, 1987

B. Sc. Hebei University of Technology, China, 1982

Joined Hebei University of Technology's faculty in 1982.

Since 1999, my Current areas of research and teaching have being specialized to the management of technology change & innovation system. It focus on the follow four aspects of the subject: Regional economic development being based on the regional innovation system management, Design and evaluation of innovation policy, Catching up and industrial technology upgrade being based on industrial innovation system management, Getting competition advantage being based on technology and innovation system management in a enterprise.

From Sept. 1994 to Jun. 2000, I worked as the director of the R&D department in Hebei University of Technology.

From Jul. 2000 to Oct. 2003, I assumed the office of the director of the R&D programming department in Hebei Province's Science and Technology Committee. As a government official, I had visited Germany, France, Holland, Belgium, and Luxemburg in 2001, and had visited Australia, New Zealand, and Singapore in 2003.

Present Position :

Ph.D. Supervisor in Management,
Professor of School of Management
Director of the "211 Project" Office,
Hebei University of Technology

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Courses Taught:

Hebei University of Technology, PhD Program: the Innovation Management, the Analysis about Evolving and Modeling of Complex Systems; Postgraduate Program: the Management of Technology and Innovation in enterprises, Econometrics; Undergraduate Program: A Introduction to Management of Technology.

Personal Interest:

Travel, nature, [special civilization studies](#).