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Education

- Ph.D., Department of Resources Engineering, National Cheng-Kung University, 2001/10
- Master, Department of Industrial Management, National Cheng-Kung University, 1986/06

Area of Specialty

Statistical Analysis, Theory and Application of Grey System, Strategic Management, Industrial Analysis, Resources Management and Economics

Academic Experience

- Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2002/07 to present
- Assistant Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2002/01 to 2002/06
- Instructor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1990/08 to 2001/12

Publications

Journal Papers:

1. R. H. Wu, J. H. Yen, C. H. Chen and S. T. Tsai (1989) "Energy Analysis of an Integrated Steel Mill: A Process Modeling Approach," *Energy – The International Journal*, Vol. 14, No. 12, 831-838. (EI)
2. J. H. Yen, N. F. Chou and C. Y. Chen (1999) "Simulation of Water Resources Allocation strategies of Southern Taiwan," *Journal of Taiwan Water Conservancy*, Vol. 47, No. 1, 81-91.
3. J. H. Yen and C. Y. Chen (2000) "The Application of the Grey System Theory to the Public Water Demand Forecasting," *Journal of Taiwan Water Conservancy*, Vol. 48, No. 3, 69-77.
4. J. H. Yen and C. Y. Chen (2001) "Allocation Strategy Analysis of Water Resources in South Taiwan," *Water Resources Management*, Vol. 15, No. 5, 283-297. [SCI]
5. J. H. Yen and C. Y. Chen (2001) "Forecasting and Analysis of the Public Water Demand in Chianan and Kaoping Area," *Water Resources Management*, Vol. 52, No. 3, 161-195.
6. J. H. Yen (2002) "Analysis of Water Distribution Benefit for the Integrated Use of Water Resources in South Taiwan," *Journal of Taiwan Water Conservancy*, Vol. 50, No. 1, 81-92.

7. J. H. Yen and T. M. Chang (2002) "An Application of the Grey Relational Analysis and Analysis Hierarchy Process to the Supplier Selection Problem," *Journal of Logistic Research*, No. 1, 15-42.
8. J. H. Yen (2003) "Water Supply Benefit Analysis of Transbasin Water Transport Between Kaoping and Tsengwen River Basins Using the WRAMST Model," *Journal of Taiwan Water Conservancy*, Vol. 51, No. 2, 73-80.

Conference Papers:

1. J. H. Yen and S. A. Wang (2005) "Evaluation of Operational Performance for Domestic Financial Holding Companies Using the Entropy Theory and Grey Relational Analysis," *The 3th Management Thoughts and Practice Conference*, Taipei, Taiwan.
2. J. H. Yen and L. F. Li (2006) "Study on the Critical Effect Factors Analysis and Improvement Alternatives for Reliability and Quality of Power Supply in Taiwan Science Park," *The 11th Grey System Theory and Application Conference*, Hsinchu, Taiwan.
3. J. H. Yen and C. C. Ho (2006) "Evaluation of Financial Performance for TFT-LCD Panel Manufacturers in Taiwan Using the Combinative Grey Relational Analysis," *The 11th Grey System Theory and Application Conference*, Hsinchu, Taiwan.
4. J. H. Yen and C. C. Chen (2007) "Applying Grey Prediction Model to Forecast the Number of Cellular Phone Subscribers for Telecom Company in Taiwan," *The 12th Grey System Theory and Application Conference*, Ilan, Taiwan.
5. J. H. Yen and W. J. Lo (2007) "A Study on the Grey Prediction Models of Power Demand in Tainan Science Park," *The 12th Grey System Theory and Application Conference*, Ilan, Taiwan.
6. J. H. Yen, Y. N. Chen and S. A. Wang (2007) "Finance Performance Evaluation of Financial Holding Companies Using the Combinative Grey Relational Analysis and Principal Component Analysis," *The 12th Grey System Theory and Application Conference*, Ilan, Taiwan.
7. J. H. Yen, C. H. Chiu and C. C. Ho (2008) "The Competitive Strategy Research of Taiwan's Professional TFT LCD Color Filter Manufacturer - Using Sintek Photronic as an example," *The 7th Industry Development and Business Management Conference of Taiwan and Mainland China*, Tainan, Taiwan.
8. J. H. Yen, C. H. Chiu and H. T. Chang (2010) "The Competitive Strategy Research of Taiwan's Solar Cell Manufacturer-Using Motech as an example," *Chinese Institute of Industrial Engineers 2010*, Tainan, Taiwan.
9. J. H. Yen and R. S. Sheen (2012) "Comparison of Different Treatment Methods for Residual Data in the Residual Modification Grey Model," *The 17th Grey System Theory and Application Conference*, Ilan, Taiwan.

Dissertation

1. Yen, Jung-Hsiang (2001) "A Study on the Dynamic Model Construction of Integrated Allocation for Water Resources among Watershed in South Taiwan," Ph.D. Dissertation, National Cheng-Kung University.

Grants:

1. Yen, Jung-Hsiang (2015) ,“Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. **(Project No:Q000-103P012)**
2. Yen, Jung-Hsiang (2015) ,” Government-university Cooperative Employment Service Subsidiary Plan”, Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. **(Project No:Q000-103P010)**
3. Yen, Jung-Hsiang (2016) ,“Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. **(Project No:Q000-104P015)**
4. Yen, Jung-Hsiang (2016), ”Government-university Cooperative Employment Service Subsidiary Plan”, Workforce Development Agency, Yunlin-Chiayi-Tainan Regional Branch. **(Project No:Q000-104P014)**
5. Yen, Jung-Hsiang (2016-2017), “Promotion of the Universities Career Counseling Program”, Youth Development Administration, Ministry of Education. **(Project No:Q000-105P001)**

Professional Certifications:

1. **ERP Application Engineer for Manufacturing Module of** SAP ECC 6.0, Certified on: 01, 2012.
2. Office Access 2010, Date of achievement: November 24, 2012.
3. Office Word 2010 Expert, Date of achievement: January 8, 2013.
4. Office Powerpoint ® 2010, Date of achievement: July 30, 2014
5. Office Excel ® 2010 Expert, Date of achievement: July 31, 2014
6. Office Word 2013, Date of achievement: July 31,2015
7. Office Excel ® 2013, Date of achievement: July 31,2015
8. **Personal Information Management System Auditor/Leader Auditor Training Course (BS 10012:2009)**, Date of achievement: November 18, 2015.