

## SCOTT CUNNINGHAM

### PERSONALIA

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### DEGREES OBTAINED

Scott Cunningham received a bachelors degree in Engineering Science and Mechanics, from the Georgia Institute of Technology in 1991. His Masters degree is in Public Policy, also from Georgia Tech, and was received in 1993. He received a Doctor of Philosophy degree in Science and Technology Policy in 1996 from the Science Policy Research Unit of the University of Sussex.

### PRESENT FOCUS OF RESEARCH AND PROJECTS

He is interested in mathematical models of decision processes, particularly as applied to infrastructure design problems. The modeling of knowledge, skill and research is also an active area of investigation.

### SELECTED PUBLICATIONS

- Cunningham SW (2005 forthcoming), "Evaluating the Recall of Technology Indicators," Proceedings, Portland International Conference on Management of Technology.
- Cunningham SW and van der Lei T (2004), "Fast and Frugal Algorithms for Adaptive Policy," *Proceedings: IEEE International Conference on Systems, Man and Cybernetics*.
- Cunningham SW and Porter AL (1992), Communication Networks: A Dozen Ways They'll Change Our Lives, *Futurist*, Vol. 26, No. 1, pp 19-22.
- Hildreth L and Cunningham SW (2004), *SQL-based Algorithm for Cluster Analysis*, U.S. Patent No: 6816848.
- Porter, AL and Cunningham, SW (2004), *Tech Mining: Exploiting New Technologies for Competitive Advantage*, Wiley: New York.
- Porter, AL and Cunningham, SW (2005 forthcoming), "Just-In-Time Technology Analysis Support," *International Journal of Technology Management*
- Porter, AL, Duin, P.A. van der, Ashton, W.B., Clar, G., Coates, J.F., Cuhls, K., Cunningham, S, Ducatel, K., Georgehiou, L., Gordon, T., Linstone, H., Marchau, VAWJ, Massari, G., Miles, I., Moguee, M., Salo, A., Scapolo, F., Smits, R. & Thissen, WAH (2004). Technology futures analysis: Toward integration of the field and new methods. *Technological forecasting and social change*, 71, 287-303.
- Porter AL, Jin XY, Gilmour JE, Cunningham S, Xu HD, Stanard C, Wang L (1994), Technology Opportunities Analysis: Integrating Technology Monitoring, Forecasting and Assessment with Strategic Planning, *SRA – Journal of the Society of Research Administrators*, Vol. 26, No. 2, p. 21-31.
- Srikant S, Boerger E, and SW Cunningham (2005), *Method for Customer Segmentation with Applications to Electronic Commerce*, US Patent No: 6862574.