

Refereed published papers

1. Dye, S., Stougie, L. and Tomasgard, A., "The stochastic single resource service-provision problem." *Naval Research Logistics*, v50, no. 8, December 2003: 869-887.
2. Dye, S., Stougie, L. and Tomasgard, A., "Approximation algorithms and relaxations for a service provision problem on a telecommunication network." *Discrete Applied Mathematics*, v129, no.1, 15 June 2003: 63-81.
3. Dye, S., Tomasgard, A. and Wallace, S.W., "New aspects of service provision and technology strategies in telecommunications." *Teletronikk* v94no3/4, 1998: 67-73.
4. Tomasgard, A., Audestad, J.A., Dye, S., Stougie, L., van der Vlerk, M., Wallace, S.W. "Aspects on modelling in distributed telecommunication networks." *Annals of Operations Research*, v82, 1998: 161-184.
5. Dye, S., Tomasgard, A. and Wallace, S.W., "Feasibility in transportation networks with supply eating arcs." *Networks*, v31, 1998: 165-176.

Books

1. Dye S. On a flexible model for New Zealand's hydro-thermal electricity generation system. Ph.D. Thesis, 1994.

Chapter in books

1. Dye, S. Chance-constrained optimisation. *The Informed Student Guide to Management Science*, 2002: 53-54, eds Daellenbach, H. G. and Flood, R. L., Thompson.
2. Dye, S. Dynamic programming. *The Informed Student Guide to Management Science*, 2002: 101-102, eds Daellenbach, H. G. and Flood, R. L., Thompson.
3. Dye, S. Networks. *The Informed Student Guide to Management Science*, 2002: 194-195, eds Daellenbach, H. G. and Flood, R. L., Thompson.
4. Dye, S. Recourse programming. *The Informed Student Guide to Management Science*, 2002: 223, eds Daellenbach, H. G. and Flood, R. L., Thompson.
5. Dye, S. Stochastic mathematical programming approaches. *The Informed Student Guide to Management Science*, 2002: 263-264, eds Daellenbach, H. G. and Flood, R. L., Thompson.

Non-refereed published works

1. Dye, S., Tomasgard, A. and Wallace S. W., "Two-stage service provision by branch and bound." *Procs. 35th ORSNZ Conference*, 2000: 221-7.
2. Dye, S., Stougie, L. and Tomasgard, A. "Single node service provision with fixed charges." *Procs. 1999 Fall National Conference of the Operations Research Society of Japan*, 1999: 122-129.
3. Wallace, S.W., Dye, S. and Tomasgard, A. "Feasibility in bipartite uncapacitated networks." In *Essays in honour of Bjørn Nygreen on his 50th birthday* eds Matson, E., Tomasgard, A. Department of Managerial Economics and Operations Research, NTNU, 1996: 211-230.
4. Dye, S. "Hydro-thermal power scheduling." *Procs. 30th ORSNZ Conference*, 1994: 56-61.

5. Dye, S. "A generalized network model for hydro scheduling. The deterministic formulation." *Procs. Optimal Generation Scheduling, ECNZ Workshop*, 1993. (Project report)

Unpublished conference presentations

1. Dye, S., "Subtree decomposition for multistage stochastic programs." *18th International Symposium on Mathematical Programming*, 2003.
2. Dye, S., "Rostering theatre sessions for clinicians." *37th ORSNZ Conference*, 2002.
3. Dye, S., Raffensperger, J.R., Meaclem, D. and Mytton, B., "A stochastic programming model for planning road maintenance under uncertainty." *9th International Conference on Stochastic Programming*, 2001.
4. Dye, S., Stougie, L., Tomasgard, A., van der Vlerk, M., Wallace, S.W. "Heuristics for a stochastic service provision problem in telecommunications." *8th International Conference on Stochastic Programming*, 1998.
5. Dye, S., Audestad, J.A., Stougie, L., Tomasgard, A., van der Vlerk, M., Wallace, S.W. "A new telecommunication service provision model." *33rd ORSNZ Conference*, 1998.
6. Dye, S., Tomasgard, A. and Wallace, S.W. "Solving recourse problems with binary first stage using branch and bound." *16th International Symposium on Mathematical Programming*, 1997.
7. Dye, S., Tomasgard, A. and Wallace, S.W. "Service location in intelligent networks." *Procs. Fourth Meeting of the Nordic Section of the Mathematical Programming Society*, 1996.
8. Dye, S., Tomasgard, A. and Wallace, S.W. "Service location in intelligent networks: Solving the deterministic case." *INFORMS Washington, D.C.*, 1996.
9. Dye, S., Tomasgard, A. and Wallace, S.W. "Using stochastic programming in telecommunications." *Procs NSF/IFIP Workshop on Stochastic Programming and Applications*, 1996.
10. Dye, S. "Developing a flexible stochastic model for scheduling New Zealand's hydro-thermal electricity generation." *7th International Conference on Stochastic Programming*, 1995.
11. Dye, S. "Hydro-thermal power scheduling in New Zealand." *15th International Symposium on Mathematical Programming*, August 1994.