

References

- [1] "PADDY STATISTICS 2014-15 MAHA.pdf."
- [2] A. A. Shantha and B. A. Ali, "Economic value of irrigation water: a case of major irrigation scheme in Sri Lanka," *J. Agric. Sci.*, vol. 9, no. 1, 2014.
- [3] Y. M. Wickramasinghe, "FARMER RESPONSE TO CHANGES IN PRODUCTION ENVIRONMENT IN SYSTEM 'H'OF MAHAWELI," 2006.
- [4] B. Espinasse and N. Franchesquin, "Multiagent Modeling and Simulation of Hydraulic Management of the Camargue," *Simulation*, vol. 81, no. 3, pp. 201–221, Mar. 2005.
- [5] M. Giuliani, A. Castelletti, F. Amigoni, and X. Cai, "Multi-agent systems optimization for distributed watershed management," in *6th International Congress on Environmental Modeling and Software (iEMSs)*, Leipzig, Germany, 2012.
- [6] T. Berger, "Innovation as an alternative to migration? Exemplary results from a multiple-agent programming model applied to Chile," *Adv. Glob. Change Res. Kluwer Acad. Publ.*, 2004.
- [7] S. Feuillette, F. Bousquet, and P. Le Gouven, "SINUSE: a multi-agent model to negotiate water demand management on a free access water table," *Environ. Model. Softw.*, vol. 18, no. 5, pp. 413–427, Jun. 2003.
- [8] R. Ducrot, C. Le Page, P. Bommel, and M. Kuper, "Articulating land and water dynamics with urbanization: an attempt to model natural resources management at the urban edge," *Comput. Environ. Urban Syst.*, vol. 28, no. 1–2, pp. 85–106, Jan. 2004.
- [9] Amit K. Chopra and Munindar P. Singh, 'Agent Communication', MIT Press, 2011, www.csc.ncsu.edu/faculty/mpsingh/papers/mas/Agent-Communication-chapter.pdf.
- [10] I. Palomares, P. J. Sánchez, F. J. Quesada, F. Mata, and L. Martínez, "COMAS: A multi-agent system for performing consensus processes," in *International Symposium on Distributed Computing and Artificial Intelligence*, 2011, pp. 125–132.
- [11] F. Bousquet and C. Le Page, "Multi-agent simulations and ecosystem management: a review," *Ecol. Model.*, vol. 176, no. 3–4, pp. 313–332, Sep. 2004.
- [12] S. Feuillette, F. Bousquet, and P. Le Gouven, "SINUSE: a multi-agent model to negotiate water demand management on a free access water table," *Environ. Model. Softw.*, vol. 18, no. 5, pp. 413–427, Jun. 2003.
- [13] J. Doran, "Intervening to Achieve Co-operative Ecosystem Management: Towards an Agent Based Model," 31-Mar-01. [Online]. Available: <http://sci-hub.cc/http://jasss.soc.surrey.ac.uk/4/2/4.html>. [Accessed: 14-Jun-2016].
- [14] S. R. Carpenter, W. A. Brock, and P. C. Hanson, *Ecological and social dynamics in simple models of ecosystem management*. Social Systems Research Institute, University of Wisconsin, 1999.
- [15] I. N. Athanasiadis, P. Vartalas, and P. A. Mitkas, "DAWN: A platform for evaluating water-pricing policies using a software agent society," in *International Environmental Modelling and Software Society 2004 International Congress "Complexity and Integrated Resources Management"*, pg, 2004, vol. 42.

- [16] I. N. Athanasiadis and P. A. Mitkas, "Social Influence and Water Conservation: An Agent-Based Approach," *Comput. Sci. Eng.*, vol. 7, no. 1, pp. 65–70, Jan. 2005.
- [17] S. C. Banks, "Agent-based modeling: A revolution?," *Proc. Natl. Acad. Sci.*, vol. 99, no. suppl 3, pp. 7199–7200, 2002.
- [18] W. Van Der Hoek and M. Wooldridge, "Tractable multiagent planning for epistemic goals," in *Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 3*, 2002, pp. 1167–1174.
- [19] "K. P. Sycara, "Multiagent systems," *AI Mag.*, vol. 19, no. 2, p. 79, 1998." .
- [20] "Eugénio Oliveira, Klaus Fischer and Olga Stepankova, 1999, Multi-agent Systems: Which Research for which Applications."
- [21] "An Introduction to Multi Agent System, Michel Wooldridge.pdf." .
- [22] F. Bousquet and C. Le Page, "Multi-agent simulations and ecosystem management: a review," *Ecol. Model.*, vol. 176, no. 3–4, pp. 313–332, Sep. 2004.
- [23] D. N. Davis, "Agent-based decision-support framework for water supply infrastructure rehabilitation and development," *Comput. Environ. Urban Syst.*, vol. 24, no. 3, pp. 173–190, 2000.
- [24] "Jacques Ferber: Multi-Agent Systems: An Introduction to Distributed Artificial Intelligence." [Online]. Available: <http://jasss.soc.surrey.ac.uk/4/2/reviews/rouchier.html>. [Accessed: 13-Jun-2016].
- [25] R. Axtell, "Why agents?: on the varied motivations for agent computing in the social sciences," 2000.
- [26] G. Weiss, *Multiagent systems: a modern approach to distributed artificial intelligence*. Cambridge, Mass.: MIT Press, 1999.
- [27] J. S. Dean *et al.*, "Understanding Anasazi culture change through agent-based modeling," *Dyn. Hum. Primate Soc. Agent-Based Model. Soc. Spat. Process.*, pp. 179–205, 2000.
- [28] T. Berger and C. Ringler, "Tradeoffs, efficiency gains and technical change-Modeling water management and land use within a multiple-agent framework," *Q. J. Int. Agric.*, vol. 41, no. 1–2, pp. 119–144, 2002.
- [29] S. M. Uppala *et al.*, "The ERA-40 re-analysis," *Q. J. R. Meteorol. Soc.*, vol. 131, no. 612, pp. 2961–3012, Oct. 2005.
- [30] S. C. Banks, "Agent-based modeling: A revolution?," *Proc. Natl. Acad. Sci.*, vol. 99, no. Supplement 3, pp. 7199–7200, May 2002.
- [31] H. V. D. Parunak, R. Savit, and R. L. Riolo, "Agent-based modeling vs. equation-based modeling: A case study and users' guide," in *Multi-agent systems and agent-based simulation*, 1998, pp. 10–25.
- [32] H. V. D. Parunak, R. Savit, and R. L. Riolo, "Agent-based modeling vs. equation-based modeling: A case study and users' guide," in *International Workshop on Multi-Agent Systems and Agent-Based Simulation*, 1998, pp. 10–25.
- [33] "A. K. Chopra and M. P. Singh, "Elements of a business-level architecture for multiagent systems," in *Programming Multi-Agent Systems*, Springer, 2010, pp. 15–30".