

PUBLICATIONS

Refereed Journals and Conference Papers

1. Jaramillo, F., Baccard, M., Narinesingh, P, Gaskin, S. and **Cooper, V.** (2015). Assessing the role of a limestone quarry as sediment source in a developing tropical catchment. *Land Degrad. & Dev.* DOI: 10.1002/ldr.2347
Impact Factor 8.734; Citations 6
2. Phillip, D.A.T., Antoine, P., **Cooper, V.A.**, Francis, L., Mangal, E., Seepersad, N., Ragoon, R., Ramsaran, R., Singh, I. and Ramsubhag, A. (2009). Impact of recreation on recreational water quality of a small tropical stream. *J. Environ. Monit.*, **11**, 1192 – 1198.
Impact Factor 2.461; Citations 14
3. **Cooper, V.A.**, Nguyen, V. T. V. and Nicell, J. (2007). Calibration of Conceptual Rainfall Runoff Models Using Global Optimisation Methods with Hydrologic Process-Based Parameter Constraints. *Journal of Hydrology*, 334(3-4), p455-466. **Impact Factor 4.043 (over five years); Citations 46**
4. **Cooper, V.A.**, Nguyen, V. T. V. and Nicell, J., (1997). Evaluation of global optimization methods for conceptual rainfall-runoff model calibration, *Water Science and Technology*, 36(5), p53-60.
Impact Factor 1.297 (over five years); Citation, 115.
5. **Cooper, V. A.** and Nicell, J. A., (1996). Removal of phenols from a foundry wastewater using horseradish peroxidase, *Wat. Research*, 30(4), p954-960. **Impact Factor 7.715 (over five years); Citations: 213**

Conference Papers

1. Cooper, V., (2015). Material retrieval rates in a semi-regulated environment: The case of Trinidad and Tobago. Conference proceedings of the ISWA World Congress. Antwerp, Belgium, September 2015.
2. Jaramillo, F., **Cooper, V.A.** and Gaskin, S. (2007). Application of the Erosion 3-D model to a developing catchment. *Conference Proceedings, 11th International Conference on Diffuse Pollution, August 26-31, Belo Horizonte, M.G., Brazil.*
3. **Cooper, V. A.**, Waller, D. H. and Rowney, C., (1989). A comparative evaluation of four runoff algorithms in the QUALHYMO model, *Proceedings Canadian Water Resources Association 42nd Annual Conference, Halifax, Nova Scotia.*

CONFERENCE AND WORKSHOP PRESENTATIONS

1. Presented paper entitled: “Material retrieval rates in a semi-regulated environment: The case of Trinidad and Tobago.” International Solid Waste Association Congress, Antwerp, Belgium, September 7-9th, 2015.
2. Presented paper entitled: “Application of the Erosion 3-D Model” at 11th International Conference on Diffuse Pollution. Belo Horizonte, M.G., Brazil, August 26-31, 2007.
3. Delivered a 3-day workshop on Production of Flood Hazard Maps. Presented to engineers and senior technicians from St. Lucia and Grenada. *Sponsored by the Caribbean Development Bank and hosted by NEMO, St. Lucia, Castries, St. Lucia, September, 2005.*
4. Flood Hazard Mapping in the San Juan River Catchment at *Flood Simulation Seminar, Caribbean Disaster Mitigation Project, hosted by the Caribbean Institute of Meteorology and Hydrology, Barbados, May, 2004.*
5. Flood Identification and Mapping, *Natural Hazard Disaster Mitigation and Integrated Development Planning, NEMA, November, 1999.*
6. Comparison of global optimization methods for conceptual Rainfall-Runoff model calibration, *4th International Symposium on Systems Analysis and Computing in Water Quality Management, Quebec City, June, 1997.*
7. Enzyme catalyzed polymerization and precipitation of phenols from a foundry wastewater, *9th Eastern Region Conference, Canadian Association on Water Quality, Sherbrooke, Canada, October, 1993.*