

# Report for 1999WA0014G: A Watershed Scale Study on No-till Farming Systems for Reducing Sediment Delivery

- Water Resources Research Institute Reports:
  - Mancilla, Gabriel, Shulin Chen, and Guangde Wang, 2004, A Watershed Scale Study on No-till Farming Systems for Reducing Sediment Delivery, State of Washington Water Research Center, Washington State University, Pullman, Washington, Water Research Center Report No. WRR-16, 39 pp.
- Conference Proceedings:
  - Mancilla, Gabriel, Shulin Chen, and Don McCool, 2001, Flow Velocity and Rill Density Distributions from Runoff on Agricultural Land, "in" Proceedings, ASAE Annual International Meeting, July 30-August 1, 2001, Sacramento, California, ASAE Paper 01-012078.
  - Mancilla, Gabriel, Shulin Chen, and Don McCool, 2002, Soil Loss Prediction Under Different Tillage Systems, Based on the Estimation of Rill Density, Flow Velocity Distributions and Transport Capacity, "in" Proceedings, Research and Extension Regional Water Quality Conference, February 20-21, 2002, Vancouver, Washington, State of Washington Water Research Center, Washington State University, Pullman, Washington, 3 pp.
- Other Publications:
  - Shulin Chen and M. Khalid Alvi, 2003. The effect of frozen soil depth on winter infiltration hydrology of Pataha Creek Watershed (Poster), presented at the ASAE Annual International Meeting, July 27-30, 2003, Las Vegas, Nevada, Poster No 139, Paper No. 032160.
  - Fu, G., Shulin Chen, and Donald K. McCool. 2003. Soil Erosion and Its Response to No-till Practice Estimated with ArcView GIS. Presentation at the 2003 Annual International Meeting of the American Association of Agricultural Engineers, Las Vegas, Nevada.
- Articles in Refereed Scientific Journals:
  - Wang, G., S. Chen, J. Boll, C. Stockle, and D. McCool, 2002, Modeling Overland Flow Based on Saint-Venant Equations for a Discretized Hillslope System, Hydrological Processes, 16(12):2409-2421.
  - Wang, Guangde, Shulin Chen, and Jan Boll, 2003, A Semi-analytical Solution of the Saint-Venant Equations for Channel Flood Routing, Water Resources Research, 39(4):1076-1085.
  - Wang, Guangde, Shulin Chen, Jan Boll, and V.P. Singh. 2003. Non-linear Convective-diffusion Equation with Mixing Cell Method for Channel Flood Routing. Journal of Hydrological Engineering, 8(5):259-265.
- Dissertations:
  - Mancilla, Gabriel, 2001, Prediction of Rill Density, Transport Capacity and Associated Soil Loss of Different Tillage Systems Under Winter Conditions, "MS Dissertation," Department of Biological Systems Engineering, College of Engineering and Architecture, Washington State University, Pullman, Washington, 80 pp.

Report Follows

No proposal PDF is available for 1999WA0014G.