The top 5 papers from the Walnut Gulch LTAR site are listed below and copies of the manuscripts are attached.

WGEW 1 Moran 2008

Moran, M.S., Peters, D.C., McClaran, M.P., Nichols, M.H., Adams, M.B. 2008. [Long-term data collection at USDA experimental sites for studies of ecohydrology.](https://www.tucson.ars.ag.gov/unit/publications/PDFfiles/1847.pdf)Ecohydrology. 1:377-393.

DOI: 10.1002/eco

WGEW 2 Moran 2008

Moran, M.S., Emmerich, W.E., Goodrich, D.C., Heilman, P., Holifield Collins, C., Keefer, T.O., Nearing, M.A., Nichols, M.H., Renard, K.G., Scott, R.L., Smith, J.R., Stone, J.J., Unkrich, C.L., Wong, J.K. 2008. [Preface to special section on Fifty Years of Research and Data Collection: U.S. Department of Agriculture Walnut Gulch Experimental Watershed.](https://www.tucson.ars.ag.gov/unit/publications/PDFfiles/1930.pdf)Water Resources Research, Vol. 44, W05S01.

doi:10.1029/2007WR006083.

WGEW 3 Nearing 2011

Nearing, M.A., Wei, H., Stone, J.J., Pierson F., Spaeth, K.E., Weltz, M.A., Flanagan D.C., Hernandez, M. 2011. [A Rangeland Hydrology and Erosion Model.](https://www.tucson.ars.ag.gov/unit/publications/PDFfiles/2001.pdf)Trans. American Society Agricultural Engineers. 54(3): 901-908.

Can’t find doi

WGEW 4 Goodrich 2012

Goodrich, D.C., Burns, I.S., Unkrich, C.L., Semmens, D., Guertin, D.P., Hernandez, M., Yatheendradas, S., Kennedy, J.R., Levick, L. 2012. [KINEROS2/AGWA: Model Use, Calibration, and Validation.](https://www.tucson.ars.ag.gov/unit/publications/PDFfiles/2175.pdf)Transactions of the ASABE. 55(4): 1561-1574.

Can’t find doi

WGEW 5 Moran 2016

Moran, M. S., P. Heilman, D. P. C. Peters, and C. Holifield Collins. 2016. Agroecosystem research with big dataand a modified scientific method using machine learning concepts. Ecosphere 7(10):e01493.

DOI: 10.1002/ecs2.1493