

Summary of NCERA-3 Publications for 05-06

Illinois Publications:

Olson, K.R., T.E. Fenton, N.E. Smeck, R.D. Hammer, M.D. Ransom, C.W. Zanner, R. McLeese, and M.T. Sucik. 2005. Identification, mapping, classification, and interpretation of eroded Mollisols in the U.S. Midwest. *Soil Survey Horizons* 46:23-35.

Olson, K.R., T.E. Fenton, N.E. Smeck, R.D. Hammer, M.D. Ransom, C.W. Zanner, R. McLeese, and M.T. Sucik. 2005. Proposed modifications of mollic epipedon thickness criteria for eroded conditions and potential impacts on existing soil classifications. Soil Science Society of America. *Soil Survey Horizons* 46:39-47.

Indiana Publications: Research: 9, Abstracts: 12, Extension publications: 5

Kansas Publications (2005-06): Peer-reviewed journal articles: 5; Abstracts: 3

Michigan Publications: Peer-reviewed - 1

Minnesota Publications: Peer-reviewed: 8; Reports 1

Nebraska: Two peer-reviewed journal articles:

Joeckel, R.M., Ang Clement, B., and Van Fleet, L.R., 2005, Sulfate mineral crusts, pyrite weathering, and acid rock drainage in the Dakota Formation and Graneros Shale (Cretaceous), Jefferson County, Nebraska. *Chemical Geology* v. 215, p. 433-452.

Joeckel, R.M. and Ang Clement, B J., 2005, Soils, Surficial Geology, and Geomicrobiology of Saline-Sodic Wetlands, North Platte River Valley, Nebraska, USA. *Catena* v. 61, p. 63-101.

North Dakota Publications:

Amundson, T. A, and D. G. Hopkins. 2005 Establishing a baseline for soil organic carbon on the Glacial Ridge Restoration Project. Second International Water Conference, April 6-7th, Winnipeg, MB

Steele D. D. and D. G. Hopkins. 2005. Devils Lake Basin: A year of accomplishments. 42nd Annual Joint North Dakota Water Convention and Irrigation Expo. December 8th, Bismarck, ND

Doolittle J. A., B. Jenkinson, D. Hopkins, M. Ulmer, and W. Tuttle. 2006. Hydrogeological investigations with ground-penetrating radar (GPR): Estimating water-table depths and local ground water flow pattern in areas of coarse-textured soils. *Geoderma* 131:317-329.

Ohio Publications:

- 2 peer-reviewed journal articles
- 3 abstracts

South Dakota Publications (7/2005-6/2006): (List of publications available on request)

- 5 peer-reviewed journal articles and 1 teaching pamphlet
- 2 published abstracts
- 1 lab manual and 1 text for Introductory Soils
- 18 CDs (old deteriorating air photos [1939-1954] of SD)

Wisconsin Publications: Peer-reviewed:2; symposia:2; reports: 1; abstracts: 5