



Natural Resources Conservation Service
California State Office
430 G Street, Room 4164
Davis, CA 95616
(530) 792-5600

May 28, 2010

SOILS TECHNICAL NOTE NO. CA – 21

SUBJECT: USLE R-factor Digital Geodata Layer for HEL Determinations

Purpose: To transmit the above named Technical Note

Establish official use of a digital R-factor (Rainfall and Runoff factor in the Universal Soil Loss Equation) geodata layer when making Highly Erodible Land (HEL) determinations.

Effective Date: When contents are received.

Explanation:

A California statewide Geodata layer for R-factor for highly erodible land determinations was developed to provide a more automated and precise method to obtain R-factor for HEL determinations. The attached Technical Note provides background and procedures for using the GIS R-factor data with USLE for HEL determinations prescribed by the 1985 Farm Bill.

Filing Instructions:

This Technical Note and new Index will be filed electronically in the California eFOTG under the hierarchy: Section I, Technical Notes, Soils <http://www.nrcs.usda.gov/technical/efotg>

Field Offices may also optionally file hard copies in three-ring binder with other "Subject" Technical Notes. If a hard copy is maintained, update the Index with new entries.

Terryl Kocis, acting

for
DIANE B. HOLCOMB
State Resource Conservationist

Enclosure: 1

Distribution: 0



