

International Agrophysics

Polish Journal of Soil Science

Acta Agrophysica

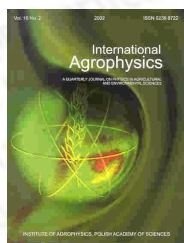
Instytut Agrofizyki

International Agrophysics

General information

Issues

Search



International Agrophysics

publisher: Institute of Agrophysics
Polish Academy of Sciences
Lublin, Poland

ISSN: 0236-8722

vol. 22, nr. 3 (2008)

[previous paper](#) [back to paper's list](#) [next paper](#)

Directional character of soil surface reflectance in the visible and near-infrared range

[\(get PDF !\[\]\(56549452e01ca28bdf2500ced9653143_img.jpg\)\)](#)J. Cierniewski¹, M. Verbrugghe², S. Białousz³, J. Chmiel³¹ Institute of Physical Geography, University of Poznań, Fredy 10, 61-701 Poznań, Poland² INRA, Station de Bioclimatologie, Centre de Recherches d'Avignon, 84-140 Montfavet, France³ Institute of Photogrammetry and Cartography, Warsaw University of Technology Politechniki Square 1, 00-661 Warsaw, Poland

vol. 9 (1995), nr. 2, pp. 83-93

abstract The paper shows the importance of directional effects on soil reflectance in the visible and near-infrared range. It includes physical principles of surface interactions with radiation in this spectral range, and examples of soil reflectance measurements performed during Polish-French cooperation.

keywords soil surface reflectance, bidirectional reflectance distribution function, remote sensing

Instytut Agrofizyki PAN
ul. Doświadczalna 4
20-290 Lubline-mail: sekretariat@ipan.lublin.pl
tel.: +48817445061
fax.: +48817445067