

SOIL ORGANIC CARBON: ASSESSMENT OF DYNAMICS AND SEQUESTRATION POTENTIAL ON THE EXAMPLE OF UKRAINE

Vasyl Cherlinka, Lidia Lelechenko, Yuriy Dmytruk



Fig. 2. Data of ukrainian ALDN monitoring platform:
a) soils profiles; b) monitoring sites

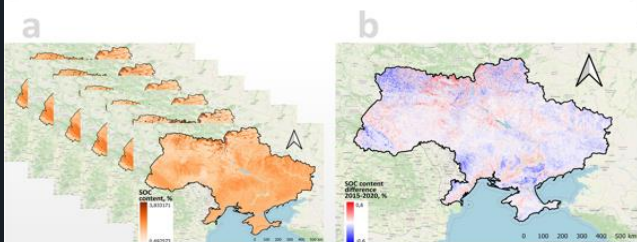


Fig. 3. Spatio-temporal SOC model for 2015-2020 (a) and difference map 2015-2020 (b)

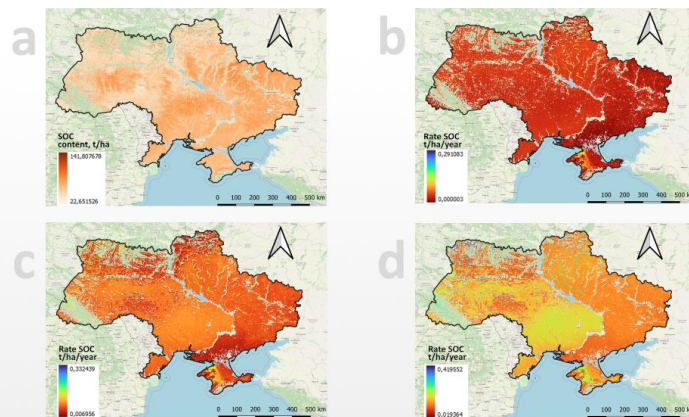


Fig. 4. Predicted carbon content in the soils of Ukraine in 20 years under the BAU scenario (a) and relative rates with an increase in the supply of carbon to the soil: SSM1 (b), SSM2 (c) and SSM3 (d)