

Klasifikacija nekih tipova tla u Hrvatskoj i njihova korelacija s WRB

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Sažetak

Potreba za informacijama o korelaciji nacionalnih klasifikacija u odnosu na međunarodnu referentnu osnovu za tlo - World Reference Base for soil resources (WRB) klasifikaciju, svakim danom je sve izraženija. Zbog toga se u Hrvatskoj nedavno započelo sa sustavnim terenskim i laboratorijskim istraživanjima tala sukladno novim kriterijima i normativima danim u okviru međunarodne WRB klasifikacije.

U radu se prikazuju dosadašnji rezultati pedoloških istraživanja tri karakteristična tipa tla u različitim geomorfološkim područjima Hrvatske, te rezultati sistematske pripadnosti istraživanih tala prema nacionalnoj klasifikaciji tla, temeljem čega je izvršena korelacija prema WRB. Terenska i laboratorijska pedološka istraživanja izvršena su sukladno standardnim metodama za karakterizaciju tla danim u priručniku WRB.

Prvo istraživano tlo nalazi se na području Panonske Hrvatske u dolinskom dijelu rijeke Save na pleistocenskim ilovinama. Prema klasifikaciji tla u Hrvatskoj spada u klasu glejnih tala, tip tla Pseudoglej-glej, a što je prema kriterijima WRB Endogleyic, Luvic STAGNOSOL (Albic, Epidystric, Endoeutric, Episiltic, Endoclayic, Ruptic). Drugo istraživano tlo nalazi se u planinskom području Gorskog kotara na Permskom kvarcnom pješčenjaku. Sukladno nacionalnoj klasifikaciji, pripada klasi lesiviranih tala, a tip tla je Podzol. U odnosu na kriterije WRB to je Albic, Entic PODZOL (Endoskeletalic). Treće istraživano tlo nalazi se u mediteranskom obalnom području a razvijeno je na vapnencu. Prema klasifikaciji tla u Hrvatskoj ovo tlo pripada klasi antropogenih tala a tip tla je Rigolano tlo iz crvenice. Prema WRB kriterijima to je Endostagnic ANTHROSOL (Eutric, Clayic).

Ključne riječi: Hrvatska, tlo, klasifikacija, korelacija, WRB

National Classification of some Soil Types in Croatia and Correlation with WRB

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Abstract

The need for informations about correlation of national soil classifications with World reference base for soil resources (WRB) is expressive more and more every day. Because of that, last year Croatian soil scientists started with systematic field and laboratory soil investigations, according to new criteria and normatives given by WRB. In paper we present previous results of pedological investigations for three characteristic soil types in different geomorphological regions of Croatia, and the results of systematic belonging of investigated soil types, according to national soil classification and WRB. Field and laboratory pedological investigations were made according to standard soil characterization methods described in WRB manual.

The first investigated soil is found in the area of Panonic lowland, in the Sava river valey, on pleistocene loams. According to the national soil classification in Croatia, this soil belongs to gleyic soils class and pseudogley-gley soil type. According to WRB criteria, reference soil group is Endogleyic, Luvic STAGNOSOL (Albic, Epidystric, Endoeutric, Episiltic, Endoclayic, Ruptic). The second soil lies in the mountain region of Gorski kotar, on permian quartz-sandstones. According to the national soil classification in Croatia, this soil belongs to the luvisol soil class and Podzol soil type. According to WRB criteria, reference soil group is Albic, Entic PODZOL (Endoskeletal). The third investigated soil is found in Mediterranean coastal region, on Istrian peninsula limestone. According to the national soil classification, this soil belongs to Anthropogenic soils class and Rigisol from terra rossa soil type. According to WRB criteria, reference soil group is Endostagnic ANTHROSOL (Eutric, Clayic).

Key words: Croatia, soil, national classification, correlation, WRB