

Fertilization and acidification of tea field located at Southern part of Shizuoka prefecture

Shogo Kamiya[1]; Kenichi Satake[2]; Atsuko Iwasaki[2]

[1] Geo-environment Sci.,Rissho Univ.; [2] Geo-environmental Sci., Rissho Univ.

Nitrate concentration in the soil at tea field and that of spring water and river water were studied in relation to soil and water acidification. The nitrate concentration in the tea field soil increased with depth to give soil pH less than 3. The nitrate concentration of the spring water closed to tea field exceeded 10 mg l^{-1} to show severe nitrate pollution.