



Società Italiana della Scienza del Suolo

SISS Newsletter

Soluzioni al cruciverba

a cura di Paola Adamo

p. 1

Ecco le soluzioni al cruciverba proposto nel numero precedente di SISS Newsletter

Across

2. **CHELATE**—a type of chemical compound
3. **SAVANNA**—a grassland
5. **BEDROCK**—solid rock underlying soil
10. **DETRITUS**—debris
11. **LODGING**—falling over of plants
13. **ADSORPTION**—surface ion attraction
16. **CLOD**—a compact mass of soil
17. **LL**—Liquid Limit
18. **COPPER**—Cu
19. **MOLLISOLS**—a soil order in USDA soil taxonomy
21. **ANION**—negatively charged ion
24. **PL**—PLASTIC LIMIT
25. **AGGREGATES**—components of a composite material
26. **LOESS**—wind-transported material
28. **EUTROPHYCATION**—nutrient enrichment of waters
30. **GLOMALIN**—glycoprotein
31. **DURIPAN**—a diagnostic subsurface horizon
32. **NA**—sodium
33. **EC**—Electrical Conductivity
36. **SHEET**—a flat atomic array
38. **EPIPEDON**—a diagnostic surface horizon
41. **FE**—iron
45. **SAPROPHYTE**—organism living on dead material
47. **DESERT**—barren area
49. **EROSION**—geological process
51. **BI**—Bismuth
52. **MYCORRHIZA**—bioassociation
53. **KD**—distribution coefficient
54. **WEATHERING**—process changing rocks
55. **EARTHWORMS**—animals that live in the soil
56. **EUKARYOTE**—organism with nucleus

Down

1. **PSD**—particle size distribution
2. **CEC**—Cation Exchange Capacity
4. **VERMICULITE**—a 2:1-type clay
6. **RHIZOBIA**—bacteria
7. **PHYLLOSPHERE**—the leaf surface
8. **MARL**—soft unconsolidated calcium carbonate
9. **INFILTRATION**—the downward entry of water into the soil
12. **LIGNIN**—complex organic constituent of wood
14. **PLOWING**—a tillage operation
15. **BIOMASS**—the total mass of soil living material
16. **CHRONOSEQUENCE**—a sequence of related soils
20. **SEDIMENTS**—naturally occurring materials
22. **CALCIUM**—chemical element
23. **FERRIHYDRITE**—iron oxide
27. **ACTINOMYCETES**—a group of bacteria
29. **NITRATE**—polyatomic ion
34. **BROWNFIELDS**—abandoned industrial site
35. **PHYTOREMEDIATION**—remediation process
36. **SILT**—a soil separate
37. **COLLOID**—mixture
39. **PH**—a negative logarithm
40. **FORESTRY**—the science of woodlands
42. **INSECTICIDE**—a killing chemical
43. **PEDON**—the smallest volume of soil
44. **FERTILIZER**—material of natural or synthetic origin
46. **ANAEROBIC**—absence of oxygen
48. **ESP**—exchangeable sodium percentage
50. **TILLAGE**—mechanical manipulation of soil
52. **MICAS**—primary aluminosilicate mineral

