

PÔDA

Neovulkanity

Vplyv environmentálnych indikátorov (pôda) na zdravotné indikátory

poznámka: S_r - priemerná citlivosť, P - poradie vplyvu

prvok	DOZ		DOZM		DOZZ		V60A		SMRV		SMRM		SMRZ		PYLL100		ReC00-C97		ReC15-C26		ReC16		ReC18-C20	
	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P
Al	1.0065	3	0.9997	27	1.0029	15	1.0033	8	1.0047	15	1.0022	13	1.0067	5	1.0020	12	1.0080	5	1.0020	8	1.0034	6	1.0011	14
As	1.0066	2	1.0059	5	1.0019	20	1.0016	11	1.0191	1	1.0043	8	1.0151	1	1.0042	4	1.0003	25	1.0023	6	1.0030	7	1.0001	27
Ba	1.0023	10	1.0001	26	1.0026	16	1.0004	21	1.0109	5	1.0016	19	1.0014	19	1.0008	24	1.0007	21	1.0014	13	1.0013	16	1.0005	23
Be	1.0013	19	1.0006	21	1.0030	14	1.0003	25	1.0040	19	1.0022	15	1.0016	18	1.0000	28	1.0024	11	1.0016	12	1.0003	23	1.0009	18
Ca	1.0031	5	1.0007	17	1.0045	11	1.0085	3	1.0131	4	1.0077	5	1.0142	2	1.0017	15	1.0014	19	1.0005	24	1.0013	15	1.0008	19
Cd	1.0022	11	0.9994	28	1.0013	22	1.0003	24	1.0052	13	1.0002	27	1.0010	22	1.0001	27	1.0001	27	1.0011	18	1.0027	9	1.0035	4
Co	1.0001	28	1.0018	9	1.0065	7	1.0005	18	1.0008	28	1.0002	28	1.0006	25	1.0045	2	1.0034	8	1.0003	26	1.0001	27	1.0026	7
Cr	1.0017	14	1.0030	6	1.0036	12	1.0006	16	1.0019	22	1.0015	20	1.0008	24	1.0035	5	1.0030	10	1.0018	11	1.0009	17	1.0006	21
Cu	1.0013	18	1.0004	25	1.0007	25	1.0003	23	1.0060	9	1.0011	22	1.0024	15	1.0010	20	1.0059	6	1.0013	16	1.0007	20	1.0004	24
F	1.0030	6	1.0011	15	1.0107	4	1.0019	10	1.0013	24	1.0136	1	1.0080	3	1.0027	9	1.0110	3	1.0020	9	1.0091	2	1.0012	12
Fe	1.0024	9	1.0011	13	1.0105	5	1.0189	2	1.0168	3	1.0019	17	1.0045	8	1.0015	16	1.0226	1	1.0022	7	1.0072	3	1.0035	5
Hg	1.0002	27	1.0014	12	1.0003	27	1.0004	20	1.0009	25	1.0011	23	1.0005	26	1.0019	13	1.0003	24	1.0002	27	1.0002	25	1.0005	22
K	1.0015	17	1.0007	19	1.0031	13	1.0001	26	1.0061	8	1.0026	12	1.0035	11	1.0014	18	1.0039	7	1.0008	22	1.0008	19	1.0001	28
Mg	1.0009	21	1.0005	22	1.0023	18	1.0009	14	1.0059	10	1.0040	9	1.0019	17	1.0029	6	1.0014	18	1.0031	2	1.0017	14	1.0018	10
Mn	1.0009	22	1.0014	11	1.0053	10	1.0011	12	1.0013	23	1.0058	6	1.0057	6	1.0018	14	1.0099	4	1.0031	1	1.0022	11	1.0026	6
Mo	1.0016	15	1.0005	23	1.0082	6	1.0006	17	1.0049	14	1.0012	21	1.0027	13	1.0028	7	1.0017	17	1.0014	14	1.0106	1	1.0010	16
Na	1.0010	20	1.0007	18	1.0004	26	0.9993	28	1.0091	6	1.0038	10	1.0009	23	1.0015	17	0.9997	28	0.9996	28	1.0026	10	1.0002	25
Ni	1.0028	8	1.0078	3	1.0026	17	1.0008	15	1.0055	11	1.0082	4	1.0025	14	1.0043	3	1.0023	12	1.0014	15	1.0004	22	1.0012	13
P	1.0015	16	1.0060	4	1.0011	23	1.0005	19	1.0045	16	1.0022	14	1.0023	16	1.0006	26	1.0020	14	1.0009	19	1.0027	8	1.0006	20
Pb	1.0007	23	1.0015	10	1.0022	19	1.0033	7	1.0026	21	1.0049	7	1.0027	12	1.0024	10	1.0013	20	1.0023	5	1.0008	18	1.0009	17
Sb	1.0004	26	1.0008	16	1.0015	21	1.0011	13	1.0169	2	1.0102	2	1.0010	21	1.0052	1	1.0002	26	1.0008	21	1.0006	21	1.0011	15
Se	1.0086	1	1.0093	2	1.0055	9	0.9997	27	1.0040	18	1.0019	18	1.0004	27	1.0027	8	1.0006	22	1.0008	23	1.0002	24	1.0020	8
Zn	1.0007	24	1.0024	8	1.0178	1	1.0222	1	1.0041	17	1.0010	25	1.0072	4	1.0009	22	1.0129	2	1.0029	3	1.0052	5	1.0047	2
V	1.0019	13	1.0006	20	1.0008	24	1.0004	22	1.0008	27	1.0009	26	1.0012	20	1.0009	21	1.0021	13	1.0008	20	1.0001	26	1.0001	26
pH _{H2O}	1.0030	4	1.0011	7	1.0150	8	1.0049	5	1.0052	7	1.0020	3	1.0046	9	1.0010	25	1.0034	15	1.0012	4	1.0055	13	1.0082	9
pH _{KCl}	1.0043	7	1.0028	14	1.0060	2	1.0045	4	1.0091	12	1.0088	16	1.0041	7	1.0006	19	1.0018	9	1.0026	17	1.0017	4	1.0019	1
karbonáty	1.0020	12	1.0114	1	1.0112	3	1.0024	9	1.0028	20	1.0037	11	1.0039	10	1.0023	11	1.0017	16	1.0019	10	1.0019	12	1.0013	11
²²² Rn	1.0005	25	1.0005	24	0.9995	28	1.0040	6	1.0009	26	1.0010	24	0.9995	28	1.0008	23	1.0003	23	1.0003	25	1.0000	28	1.0036	3

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Vplyv environmentálnych indikátorov (pôda) na zdravotné indikátory

poznámka: S_r - priemerná citlivosť, P - poradie vplyvu

prvok	ReC30-C39		ReC50		ReC64-C68		ReC81-C96		ReC91-C95		ReC00-D48		ReE00-E99		ReI00-I99		ReI21-I25		ReI63-I64		ReJ00-J99		ReK00-K93	
	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P
Al	1.0020	17	1.0006	11	1.0018	15	1.0037	2	1.0132	10	1.0006	19	1.0002	18	1.0031	7	1.0044	9	1.0112	15	1.0186	7	1.0042	8
As	1.0028	11	1.0005	12	1.0059	5	1.0028	3	1.0100	13	1.0008	17	0.9989	28	1.0016	12	1.0121	2	1.0141	12	1.0085	14	1.0105	3
Ba	1.0046	4	1.0004	14	1.0023	10	1.0017	8	1.0197	7	1.0010	16	1.0003	15	1.0012	14	1.0025	20	1.0141	13	1.0019	26	1.0018	17
Be	1.0026	12	0.9994	28	1.0154	1	1.0021	4	1.0061	18	1.0000	26	1.0004	14	1.0003	20	1.0033	13	1.0074	19	1.0096	13	1.0007	25
Ca	1.0007	24	1.0004	17	1.0008	24	1.0004	20	1.0199	6	1.0010	14	1.0002	19	1.0103	1	1.0017	23	1.0649	1	1.0309	3	1.0129	1
Cd	1.0004	25	0.9999	23	1.0015	19	1.0002	24	1.0018	28	1.0005	22	1.0009	8	0.9992	28	1.0016	24	1.0251	9	1.0027	24	1.0045	7
Co	1.0037	7	0.9998	26	1.0002	26	1.0005	19	1.0021	27	1.0034	4	1.0019	3	0.9996	27	0.9991	28	1.0042	26	1.0009	28	1.0014	19
Cr	1.0022	14	1.0004	18	1.0008	23	1.0014	12	1.0071	15	1.0001	25	0.9997	26	1.0005	18	1.0017	22	1.0048	22	1.0402	2	1.0021	14
Cu	1.0021	15	1.0004	15	1.0037	8	0.9996	28	1.0106	12	1.0000	27	1.0021	2	1.0002	23	1.0031	14	1.0239	10	1.0081	15	1.0013	20
F	1.0045	5	1.0002	21	1.0049	6	1.0020	7	1.0211	5	1.0043	2	0.9997	25	0.9997	26	1.0026	18	1.0330	6	1.0038	20	1.0021	13
Fe	1.0034	9	1.0017	5	1.0027	9	1.0014	11	1.0467	2	1.0023	6	1.0062	1	1.0023	9	1.0065	6	1.0090	18	1.0127	9	1.0017	18
Hg	0.9997	28	1.0005	13	1.0005	25	1.0008	17	1.0033	25	1.0004	24	1.0000	23	0.9999	24	1.0028	17	1.0071	21	1.0048	17	0.9998	27
K	1.0029	10	1.0048	3	1.0010	21	1.0002	22	1.0052	19	1.0018	8	0.9993	27	1.0003	21	0.9995	27	1.0483	2	1.0027	23	1.0079	4
Mg	1.0010	22	0.9998	25	1.0039	7	1.0001	25	1.0110	11	1.0008	18	1.0005	13	1.0004	19	1.0022	21	1.0074	20	1.0928	1	1.0030	11
Mn	1.0111	2	1.0004	16	1.0019	14	1.0011	15	1.0376	3	1.0079	1	1.0003	16	1.0019	10	1.0035	12	1.0285	7	1.0045	18	1.0008	24
Mo	1.0024	13	1.0002	20	1.0102	2	0.9998	27	1.0028	26	1.0005	20	1.0017	4	1.0013	13	1.0053	8	1.0034	28	1.0235	6	1.0011	21
Na	1.0017	18	1.0009	9	1.0017	17	0.9998	26	1.0040	22	1.0011	13	1.0007	10	1.0002	22	1.0026	19	1.0099	16	1.0099	12	1.0009	22
Ni	1.0036	8	0.9999	24	1.0000	28	1.0015	10	1.0050	20	1.0012	12	1.0003	17	1.0044	4	1.0008	25	1.0046	23	1.0284	4	1.0033	10
P	1.0020	16	1.0008	10	1.0079	4	1.0012	14	1.0068	16	1.0040	3	1.0011	6	1.0010	15	1.0054	7	1.0276	8	1.0237	5	0.9997	28
Pb	1.0007	23	1.0002	19	1.0009	22	1.0002	23	1.0045	21	1.0004	23	1.0000	22	1.0083	3	1.0141	1	1.0162	11	1.0035	22	1.0041	9
Sb	1.0011	21	1.0000	22	1.0017	16	1.0020	6	1.0095	14	1.0005	21	0.9998	24	1.0097	2	1.0037	11	1.0384	4	1.0081	16	1.0019	16
Se	0.9999	26	1.0013	6	1.0019	13	1.0016	9	1.0065	17	1.0015	11	1.0005	12	1.0007	17	1.0031	16	1.0038	27	1.0022	25	1.0009	23
Zn	1.0074	3	1.0079	1	1.0081	3	1.0007	18	1.0196	8	1.0026	5	1.0008	9	1.0023	8	1.0031	15	1.0454	3	1.0043	19	1.0021	15
V	1.0012	20	0.9995	27	1.0020	12	1.0004	21	1.0039	23	1.0000	28	1.0010	7	1.0008	16	1.0113	3	1.0044	24	1.0038	21	1.0003	26
pH _{H2O}	1.0045	1	1.0024	8	1.0016	11	1.0008	13	1.0348	9	1.0015	15	1.0012	21	1.0033	11	1.0071	10	1.0363	17	1.0139	11	1.0069	2
pH _{KCl}	1.0128	6	1.0009	4	1.0022	18	1.0013	16	1.0168	4	1.0010	10	1.0001	5	1.0018	6	1.0043	5	1.0093	5	1.0102	8	1.0111	5
karbonáty	1.0017	19	1.0012	7	1.0014	20	1.0021	5	1.0033	24	1.0018	9	1.0007	11	1.0040	5	1.0087	4	1.0125	14	1.0125	10	1.0023	12
²²² Rn	0.9999	27	1.0062	2	1.0001	27	1.0052	1	1.0520	1	1.0019	7	1.0001	20	0.9998	25	0.9999	26	1.0042	25	1.0013	27	1.0061	6

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Vplyv environmentálnych indikátorov (pôda) na zdravotné indikátory

poznámka: S_r - priemerná citlivosť, P - poradie vplyvu

prvok	ReN00-N99		SMRC00-C97		SMRC15-C26		SMRC30-C39		SMRC81-C96		SMRE00-E99		SMRI00_I99		SMRI21-I25		SMRI63-I64		SMRJ00-J99		SMRK00-K93		SMRN00-N99	
	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P
Al	1.0023	11	1.0003	27	1.0003	17	1.0035	6	1.0052	1	1.0020	16	1.0027	20	1.0029	12	1.0047	11	1.0039	22	1.0053	14	1.0004	17
As	1.0017	18	1.0015	18	0.9999	24	1.0012	14	1.0003	26	1.0023	12	1.0294	1	1.0245	1	1.0062	9	1.0051	14	1.0100	5	0.9995	26
Ba	1.0018	15	1.0008	25	1.0008	12	1.0002	23	1.0005	24	1.0008	23	1.0090	3	1.0157	2	1.0037	13	1.0044	20	1.0048	15	0.9996	23
Be	1.0017	17	1.0065	6	0.9999	25	1.0011	15	0.9998	28	1.0018	18	1.0014	24	1.0033	11	1.0065	8	1.0050	15	1.0021	21	1.0044	2
Ca	1.0005	23	1.0022	13	1.0001	21	1.0010	16	1.0002	27	1.0009	22	1.0012	26	1.0044	9	1.0033	15	1.0013	24	1.0126	3	1.0020	9
Cd	1.0010	20	1.0090	3	1.0002	19	1.0023	10	1.0024	7	1.0007	24	1.0026	21	0.9998	28	1.0026	19	1.0144	2	1.0000	28	0.9995	25
Co	1.0021	13	1.0022	14	1.0004	15	1.0024	9	1.0008	22	1.0018	17	1.0034	14	0.9999	27	1.0023	20	1.0108	5	1.0010	24	1.0012	10
Cr	1.0028	8	0.9997	28	0.9994	27	1.0046	2	1.0016	11	1.0035	10	1.0082	4	1.0050	8	1.0065	7	1.0136	4	1.0091	9	1.0023	7
Cu	1.0111	1	1.0138	1	1.0007	13	1.0007	19	1.0009	21	1.0058	5	1.0061	8	1.0001	26	1.0059	10	1.0041	21	1.0029	19	1.0003	19
F	1.0047	4	1.0067	4	1.0028	2	1.0039	4	1.0015	13	1.0013	19	1.0071	7	1.0022	16	1.0041	12	1.0286	1	1.0025	20	1.0054	1
Fe	1.0033	5	1.0020	15	0.9997	26	1.0038	5	1.0019	9	1.0089	2	1.0023	22	1.0017	18	1.0115	2	1.0095	6	1.0066	11	1.0039	3
Hg	1.0004	25	1.0008	22	1.0008	11	0.9999	25	1.0011	16	1.0009	21	1.0005	28	1.0017	17	1.0011	24	1.0000	28	1.0014	22	0.9994	27
K	0.9999	28	1.0005	26	1.0000	23	1.0013	13	1.0024	8	0.9998	28	1.0019	23	1.0012	20	1.0079	4	1.0046	17	1.0011	23	1.0008	13
Mg	1.0002	26	1.0024	11	1.0010	9	1.0007	18	1.0035	3	1.0023	13	1.0061	9	1.0027	14	1.0087	3	1.0082	8	1.0098	6	1.0021	8
Mn	1.0023	12	1.0124	2	1.0023	3	1.0043	3	1.0011	15	1.0052	6	1.0058	10	1.0068	4	1.0034	14	1.0142	3	1.0103	4	0.9986	28
Mo	1.0005	24	1.0016	17	1.0002	18	0.9998	28	1.0003	25	1.0002	27	1.0027	18	1.0007	23	1.0008	27	1.0008	26	1.0007	25	1.0003	20
Na	1.0007	22	1.0015	19	1.0002	20	1.0002	22	1.0018	10	1.0020	15	1.0006	27	1.0011	21	1.0072	5	1.0069	11	1.0091	8	0.9998	22
Ni	1.0025	10	1.0018	16	1.0009	10	1.0018	11	1.0006	23	1.0040	9	1.0039	11	1.0014	19	1.0015	22	1.0081	9	1.0136	2	1.0005	14
P	1.0000	27	1.0023	12	0.9993	28	1.0004	21	1.0027	6	1.0006	26	1.0096	2	1.0116	3	1.0029	18	1.0054	13	1.0046	16	1.0023	6
Pb	1.0026	9	1.0008	23	1.0018	6	1.0016	12	1.0010	20	1.0022	14	1.0027	19	1.0004	24	1.0030	17	1.0006	27	1.0004	27	1.0008	11
Sb	1.0017	16	1.0010	21	1.0014	7	1.0005	20	1.0034	4	1.0043	7	1.0039	12	1.0008	22	1.0032	16	1.0088	7	1.0041	17	1.0005	15
Se	1.0014	19	1.0011	20	1.0001	22	0.9999	26	1.0010	19	1.0009	20	1.0033	16	1.0028	13	1.0012	23	1.0064	12	1.0097	7	1.0000	21
Zn	1.0073	2	1.0008	24	1.0019	5	1.0028	8	1.0012	14	1.0042	8	1.0013	25	1.0022	15	1.0320	1	1.0071	10	1.0078	10	1.0036	4
V	1.0068	3	1.0036	9	1.0010	8	1.0062	1	1.0011	17	1.0084	3	1.0034	15	1.0001	25	1.0010	25	1.0009	25	1.0006	26	1.0025	5
pH _{H2O}	1.0028	14	1.0062	5	1.0004	1	1.0009	7	1.0031	18	1.0112	4	1.0079	17	1.0051	6	1.0001	21	1.0049	23	1.0060	18	1.0004	12
pH _{KCl}	1.0020	7	1.0065	8	1.0030	14	1.0033	17	1.0010	5	1.0068	1	1.0029	5	1.0051	5	1.0018	28	1.0025	16	1.0030	12	1.0008	16
karbonáty	1.0033	6	1.0065	7	1.0022	4	1.0001	24	1.0015	12	1.0032	11	1.0073	6	1.0050	7	1.0067	6	1.0046	19	1.0056	13	1.0003	18
²²² Rn	1.0010	21	1.0030	10	1.0003	16	0.9999	27	1.0043	2	1.0007	25	1.0038	13	1.0036	10	1.0008	26	1.0046	18	1.0153	1	0.9995	24

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Vplyv environmentálnych indikátorov (pôda) na zdravotné indikátory

poznámka: S_r - priemerná citlivosť, P - poradie vplyvu

prvok	PYLLC00-C97		PYLLC15-C26		PYLLC30-C39		PYLLI00-I99		PYLLI21-I25		PYLLJ00-J99		PYLLK00-K93	
	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P	S _r	P
Al	1.0033	9	1.0000	26	1.0056	6	1.0027	15	1.0016	6	1.0016	16	1.0041	5
As	1.0071	2	1.0001	24	1.0009	18	1.0018	16	1.0029	3	1.0015	19	1.0006	24
Ba	1.0029	11	1.0007	17	1.0001	25	1.0279	1	1.0005	16	1.0125	1	1.0008	23
Be	1.0007	24	1.0089	1	1.0025	9	1.0030	14	1.0008	12	1.0020	12	1.0035	6
Ca	1.0031	10	1.0000	25	1.0015	12	1.0134	3	0.9999	27	1.0057	3	1.0062	3
Cd	1.0022	15	1.0012	12	1.0015	13	1.0010	22	1.0006	15	1.0031	9	1.0008	21
Co	1.0035	7	1.0024	8	1.0002	24	1.0032	13	1.0066	1	1.0124	2	1.0009	20
Cr	1.0017	20	1.0010	15	1.0025	10	1.0051	11	1.0008	13	1.0018	14	1.0004	25
Cu	1.0001	28	1.0051	3	1.0013	15	1.0004	25	0.9999	25	1.0038	8	1.0015	15
F	1.0008	23	1.0021	9	1.0085	3	1.0014	21	1.0014	7	1.0015	18	1.0034	7
Fe	1.0006	26	1.0006	18	1.0014	14	1.0174	2	1.0004	17	1.0020	11	1.0023	11
Hg	1.0009	21	0.9997	28	1.0000	26	1.0005	24	0.9997	28	1.0001	26	1.0000	28
K	1.0033	8	1.0037	5	1.0090	1	1.0017	19	1.0002	20	1.0014	21	1.0076	2
Mg	1.0022	13	1.0039	4	1.0007	21	1.0040	12	1.0000	23	1.0011	22	1.0015	17
Mn	1.0028	12	1.0005	20	0.9983	28	1.0060	10	1.0022	4	1.0026	10	1.0023	12
Mo	1.0038	5	1.0011	13	1.0054	7	1.0067	9	1.0001	22	1.0009	23	1.0002	27
Na	1.0038	6	1.0004	22	1.0013	16	0.9994	27	1.0013	8	1.0053	4	1.0008	22
Ni	1.0020	16	1.0004	21	1.0061	4	1.0079	7	1.0009	10	1.0001	28	1.0109	1
P	1.0117	1	0.9999	27	1.0021	11	0.9988	28	0.9999	26	1.0042	6	1.0012	18
Pb	1.0009	22	1.0006	19	1.0003	23	1.0017	17	1.0002	21	1.0001	25	1.0003	26
Sb	1.0044	3	1.0007	16	1.0008	20	1.0016	20	1.0007	14	1.0019	13	1.0031	8
Se	1.0006	27	1.0011	14	1.0028	8	1.0017	18	1.0004	19	1.0008	24	1.0017	14
Zn	1.0017	19	1.0076	2	1.0089	2	1.0096	6	1.0017	5	1.0015	17	1.0015	16
V	1.0007	25	1.0004	23	0.9997	27	1.0005	23	1.0042	2	1.0001	27	1.0029	9
pH _{H2O}	1.0019	18	1.0018	7	1.0012	5	1.0096	8	1.0012	18	1.0040	5	1.0018	10
pH _{KCl}	1.0018	17	1.0025	11	1.0058	17	1.0068	5	1.0004	9	1.0052	7	1.0025	13
karbonáty	1.0022	14	1.0029	6	1.0008	19	1.0125	4	1.0009	11	1.0016	15	1.0056	4
²²² Rn	1.0039	4	1.0020	10	1.0005	22	1.0000	26	0.9999	24	1.0015	20	1.0009	19