

Evaluated environmental indicators - Žilina region

GROUNDWATER

$I_{ER_{gw}}$ - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution $>0 \leq 1$; medium pollution $>1 \leq 5$; high pollution $>5 \leq 10$; very high pollution >10 ;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

municipality	environmental indicators exceeding limit values	$I_{ER_{gw}}$	water quality
district Bytča			
Bytča		0.000	no pollution
Hlboké nad Váhom		0.000	no pollution
Hvozdnica		0.000	no pollution
Jablonové		0.000	no pollution
Kolárovice	Mg	0.000	no pollution
Kotešová		0.000	no pollution
Maršová - Rašov		0.000	no pollution
Petrovice	Mg	0.000	no pollution
Predmier		0.000	no pollution
Štiavnik	Mg, Fe	0.118	low pollution
Súľov - Hradná		0.000	no pollution
Veľké Rovné	Mg	0.000	no pollution
district Čadca			
Čadca	Mg	0.000	no pollution
Čierne	Mg	0.000	no pollution
Dlhá nad Kysucou	Mg	0.000	no pollution
Dunajov	Mg	0.000	no pollution
Klokočov	pH, Ca+Mg, Ca	0.000	no pollution
Klubina	Mg	0.000	no pollution
Korňa	Mg, Mn	0.129	low pollution
Krásno nad Kysucou	Mg	0.000	no pollution
Makov		0.000	no pollution
Nová Bystrica	Mg	0.000	no pollution
Olešná	Mg	0.000	no pollution
Oščadnica	Mg	0.000	no pollution
Podvysoká	Mg, Mn	0.046	low pollution
Radôstka	Mg	0.000	no pollution
Raková	Mg, Mn	0.070	low pollution
Skalité	Mg	0.000	no pollution
Stará Bystrica	Mg	0.000	no pollution
Staškov	Mn	0.067	low pollution
Svrčinovec	Mg	0.000	no pollution
Turzovka	Mg	0.000	no pollution
Vysoká nad Kysucou	Mg	0.000	no pollution

SOIL

I_{ERs} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution $>0 \leq 1$; medium pollution $>1 \leq 5$; high pollution $>5 \leq 10$; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

environmental indicators exceeding limit values	I_{ERs}	soil quality
Cr	0.473	low pollution
Cr	0.259	low pollution
Cr	0.324	low pollution
Cr	0.234	low pollution
Cr	0.641	medium pollution
Cr	0.403	low pollution
Cr	0.433	low pollution
Cr	0.671	medium pollution
Cr	0.369	low pollution
Cr	0.411	low pollution
Cr	0.351	low pollution
Cr	0.797	medium pollution
Cd, Co, Cr	2.268	high pollution
Cd, Co, Cr	1.791	high pollution
Cr	1.197	high pollution
Cr	1.191	high pollution
Cr	0.188	low pollution
Cr	1.018	high pollution
Cr	0.578	medium pollution
Cr	1.200	high pollution
Cr	0.587	medium pollution
Cr	0.534	medium pollution
Cr	0.428	low pollution
Cr	0.722	medium pollution
Cr	0.911	medium pollution
Cr	0.703	medium pollution
Cd, Co	1.917	high pollution
Cr	0.605	medium pollution
Cr	0.925	medium pollution
Co, Cr	0.851	medium pollution
Cd, Co, Cr	2.482	high pollution
Cr	0.843	medium pollution
Cr	0.829	medium pollution

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Zákopčie	Mg, Mn	0.097	low pollution
Zborov nad Bystricou	Mg	0.000	no pollution
district Dolný Kubín			
Bziny	ChSK _{Mn}	0.053	low pollution
Chlebnice	ChSK _{Mn}	0.418	low pollution
Dlhá nad Oravou	ChSK _{Mn}	0.325	low pollution
Dolný Kubín	ChSK _{Mn}	0.106	low pollution
Horná Lehota	ChSK _{Mn}	0.278	low pollution
Istebné	Mn	0.068	low pollution
Jasenová		0.000	no pollution
Kraľovany	Fe, Mn	9.015	high pollution
Krivá	ChSK _{Mn}	0.239	low pollution
Leštiny		0.000	no pollution
Malatiná	ChSK _{Mn}	0.274	low pollution
Medzibrodie nad Oravou	ChSK _{Mn}	0.211	low pollution
Oravská Poruba	Mn	1.742	medium pollution
Oravský Podzámok	ChSK _{Mn}	0.427	low pollution
Osádka	ChSK _{Mn}	0.182	low pollution
Párnica		0.000	no pollution
Pokryváč	ChSK _{Mn}	0.142	low pollution
Pribiš	ChSK _{Mn}	0.018	low pollution
Pucov	ChSK _{Mn}	0.047	low pollution
Sedliacka Dubová	ChSK _{Mn}	0.305	low pollution
Veličná	ChSK _{Mn} , Mn	0.233	low pollution
Vyšný Kubín		0.000	no pollution
Žaškov	Mn	0.368	low pollution
Zázrivá		0.000	no pollution
district Kysucké Nové Mesto			
Dolný Vadičov		0.000	no pollution
Horný Vadičov		0.000	no pollution
Kysucké Nové Mesto	Mg, Mn	0.472	low pollution
Kysucký Lieskovec	Mg	0.000	no pollution
Lodno	Mg	0.000	no pollution
Lopušné Pažite		0.000	no pollution
Nesluša	Mg, Mn	0.189	low pollution
Ochodnica	Mg	0.000	no pollution

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Cr	1.167	high pollution
Cr	1.081	high pollution
Cr	1.500	high pollution
Cr	0.526	medium pollution
Cr	0.607	medium pollution
Cr	1.643	high pollution
Cr	0.829	medium pollution
Cr	2.461	high pollution
Cr, Ni	1.504	high pollution
Co, Cr	5.671	very high pollution
Cr	0.719	medium pollution
Cr, F, Ni	1.077	high pollution
Cr, F	0.564	medium pollution
Cr	1.303	high pollution
Cr, Ni	2.446	high pollution
Cr	0.931	medium pollution
Cr, F	0.704	medium pollution
Co, Cr	3.806	high pollution
Cr, F	0.838	medium pollution
Cr	0.946	medium pollution
Cr	1.169	high pollution
Cr	0.670	medium pollution
Cr	2.035	high pollution
Cr, F, Ni	1.363	high pollution
Co, Cr	2.453	high pollution
Cr	0.715	medium pollution
Cr	0.235	low pollution
Cr	0.269	low pollution
Cr	0.371	low pollution
Cr	0.846	medium pollution
Cr	0.729	medium pollution
Cr	0.251	low pollution
Cr	0.881	medium pollution
Cr	1.089	high pollution

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Povina	Mg	0.000	no pollution
Radoľa		0.000	no pollution
Rudina	Mg, Mn	0.176	low pollution
Rudinka		0.000	no pollution
Rudinská	Mg	0.000	no pollution
Snežnica		0.000	no pollution
district Liptovský Mikuláš			
Beňadiková		0.000	no pollution
Bobrovček	Pb	0.192	low pollution
Bobrovec		0.000	no pollution
Bobrovník	Mg, Mn	0.412	low pollution
Bukovina	Mn	0.352	low pollution
Demänovská Dolina	Ca+Mg, Ca, Mg, Sb	3.642	medium pollution
Dúbrava	Sb	37.508	very high pollution
Galovany	ChSK _{Mn} , Sb	0.510	low pollution
Gôtovany	ChSK _{Mn} , Sb	1.622	medium pollution
Huty	ChSK _{Mn}	0.547	low pollution
Hybe	Mn	0.269	low pollution
Ižipovce	Mn	0.200	low pollution
Jakubovany	Ca+Mg, Ca, Mg	0.000	no pollution
Jalovec	Ca+Mg, Ca, Mg	0.000	no pollution
Jamník	Ca+Mg, Ca, Mg	0.000	no pollution
Konská	Ca+Mg, Ca, Mg	0.000	no pollution
Kráľova Lehota		0.000	no pollution
Kvačany	ChSK _{Mn}	0.110	low pollution
Lazisko	Ca+Mg, Ca, Sb	45.518	very high pollution
Liptovská Anna	ChSK _{Mn}	0.088	low pollution
Liptovská Kokava	Ca+Mg, Ca, Mg, Mn	0.492	low pollution
Liptovská Porúbka		0.000	no pollution
Liptovská Sielnica	Mn	0.261	low pollution
Liptovské Beharovce	Pb	0.629	low pollution
Liptovské Kľačany	Sb	26.992	very high pollution
Liptovské Matiašovce	Pb	0.508	low pollution
Liptovský Hrádok	Mn	1.768	medium pollution
Liptovský Ján		0.000	no pollution
Liptovský Mikuláš		0.000	no pollution

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Cr	0.472	low pollution
Cr	0.291	low pollution
Cr	0.321	low pollution
Cr	0.274	low pollution
Cr	0.948	medium pollution
Cr	0.357	low pollution
Co, Cr	0.680	medium pollution
Cr	0.384	low pollution
Cr	0.148	low pollution
Cr	0.437	low pollution
Cr	0.415	low pollution
As, Cd, Co	4.302	high pollution
As, Cd, Co	1.258	high pollution
Cd, Co, Cr	0.671	medium pollution
Cd, Co, Cr	1.309	high pollution
Cd, Cr	0.304	low pollution
Cr	0.101	low pollution
Cr, F	0.419	low pollution
Cr	0.356	low pollution
Cr, Se	0.093	low pollution
Cr	0.119	low pollution
As,	0.364	low pollution
	0.000	no pollution
Cr	0.153	low pollution
As, Cd, Co	2.732	high pollution
Cr, F	0.538	medium pollution
Cr	0.017	low pollution
Cd, Co	5.173	very high pollution
Cr	0.392	low pollution
Cr	0.373	low pollution
Cd, Co	0.600	medium pollution
Cr	0.264	low pollution
Co, Cr	0.575	medium pollution
Cd, Co	6.369	very high pollution
Co, Cr	0.628	medium pollution

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Liptovský Ondrej	Mn	0.143	low pollution
Liptovský Peter	Mn,	1.809	medium pollution
Liptovský Trnovec		0.000	no pollution
Ľubeľa	Sb	24.449	very high pollution
Malatíny	Sb	0.426	low pollution
Malé Borové	ChSK _{Mn}	0.695	low pollution
Malužiná	Ca+Mg, Ca, Mg	0.000	no pollution
Nižná Boca	Ca+Mg, Ca, Mg	0.000	no pollution
Partizánska Ľupča	As, Sb	6.207	high pollution
Pavčina Lehota	Sb	2.726	medium pollution
Pavlova Ves		0.000	no pollution
Podtureň		0.000	no pollution
Pribylina	Ca+Mg, Ca, Mg	0.000	no pollution
Prosiek	ChSK _{Mn}	0.015	low pollution
Smrečany		0.000	no pollution
Svätý Križ	ChSK _{Mn} , Sb	3.382	medium pollution
Trstené		0.000	no pollution
Uhorská Ves		0.000	no pollution
Vavrišovo	Mg, Mn	1.231	medium pollution
Vážec	Mn	1.172	medium pollution
Veľké Borové	ChSK _{Mn}	0.566	low pollution
Veterná Poruba	Mn	0.581	low pollution
Vlachy	Mg, SO ₄	0.043	low pollution
Východná	Mn	0.056	low pollution
Vyšná Boca	Ca+Mg, Ca, Mg	0.000	no pollution
Závažná Poruba		0.000	no pollution
Žiar	Ca+Mg, Ca, Mg	0.000	no pollution
district Martin			
Belá - Dulice		0.000	no pollution
Benice	Mg	0.000	no pollution
Blatnica		0.000	no pollution
Bystrička		0.000	no pollution
Ďanová		0.000	no pollution
Diaková	Mn, Al	2.414	medium pollution
Dolný Kalník	Mn, Al	1.507	medium pollution
Dražkovce	Mn, Al	3.906	medium pollution

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Cr	0.499	low pollution
Co, Cr	1.126	high pollution
Cr	0.152	low pollution
Cd, Co, Cr	0.937	medium pollution
Co, Cr	0.659	medium pollution
Cr	0.356	low pollution
Cd, Co	1.939	high pollution
Cd, Co, F	4.627	high pollution
As, Co, Cr	1.374	high pollution
Cd, Co, Cr	2.519	high pollution
Cr	0.189	low pollution
Cd, Co, Cr	1.698	high pollution
	0.000	no pollution
Cr, F	0.346	low pollution
Cr	0.355	low pollution
Cd, Co, Cr	1.774	high pollution
Cr	0.440	low pollution
Cd, Co, Cr	3.187	high pollution
Cr	0.289	low pollution
Cr	0.108	low pollution
Cr	0.298	low pollution
Cr	0.473	low pollution
Co, Cr	0.588	medium pollution
Cr	0.099	low pollution
Cd, Co, Cr	5.037	very high pollution
Cd, Co, Cr	2.920	high pollution
Cr	0.125	low pollution
Cd, Co, Cr	1.033	high pollution
Co, Cr	0.214	low pollution
As, Cd, Cr	0.744	medium pollution
Co, Cr	0.429	low pollution
Cd, Co, Cr	0.350	low pollution
Co, Cr, F	1.014	high pollution
Co, Cr, F	1.147	high pollution
Co, Cr, F	1.014	high pollution

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Folkušová		0.000	no pollution
Horný Kalník	Mn, Al	0.699	low pollution
Karlová	Mg	0.000	no pollution
Kláštor pod Znievom		0.000	no pollution
Košťany nad Turcom	Al	0.717	low pollution
Krpeľany	Fe, Mn	10.301	very high pollution
Laskár	Mg	0.000	no pollution
Ležiachov	Mg	0.000	no pollution
Lipovec	Mg	0.000	no pollution
Martin	Fe, Mn, Pb, Al	9.963	high pollution
Necpaly		0.000	no pollution
Nolčovo	Fe, Mn	4.180	medium pollution
Podhradie	Fe	3.160	medium pollution
Príbovce	Mg	0.000	no pollution
Rakovo	Mg	0.000	no pollution
Ratkovo	Fe, Mn	14.899	very high pollution
Sklabiňa		0.000	no pollution
Sklabinský Podzámok		0.000	no pollution
Slovany		0.000	no pollution
Socovce	Mg	0.000	no pollution
Sučany	Mn, Al	1.999	medium pollution
Šútovo	Mg , Fe, Mn,	3.026	medium pollution
Trebostovo		0.000	no pollution
Trnovo		0.000	no pollution
Turany	Fe, Mn,	12.294	very high pollution
Turčianska Štiavnička	Fe, Mn	2.177	medium pollution
Turčianske Jaseno		0.000	no pollution
Turčianske Kláčany	Mg , Mn, Al	0.321	low pollution
Turčiansky Ďur	Mg	0.000	no pollution
Turčiansky Peter	Mn, NH ₄	0.567	low pollution
Valča		0.000	no pollution
Vricko		0.000	no pollution
Vrútky	Mn	1.021	medium pollution
Žabokreky	Mn, Al	1.502	medium pollution
Záborie		0.000	no pollution
district Námestovo			

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Cd, Co	0.607	medium pollution
Co, Cr, F	1.105	high pollution
Cd,	0.158	low pollution
Cr, F	0.247	low pollution
Co, Cr	0.682	medium pollution
Co, Cr	2.781	high pollution
Cd, Cr	0.081	low pollution
Cr	0.105	low pollution
	0.000	no pollution
Co, Cr	0.295	low pollution
Cd, Co, Cr	0.787	medium pollution
Co, Cr	0.459	low pollution
Co, Cr	0.286	low pollution
Co, Cr	0.427	low pollution
Co, Cr	0.196	low pollution
Co, Cr	4.850	high pollution
Co, Cr, F	0.966	medium pollution
Co, Cr, F	0.631	medium pollution
Cr	0.198	low pollution
Cr	0.015	low pollution
Co, Cr	1.897	high pollution
Co, Cr, Pb	7.021	very high pollution
Co, Cr	0.451	low pollution
Co, Cr	0.366	low pollution
Co, Cr	4.901	high pollution
Co, Cr, F	0.671	medium pollution
Cd, Co, Cr	0.947	medium pollution
Co	0.522	medium pollution
Cr	0.046	low pollution
Co, Cr	0.717	medium pollution
Co, Cr	0.226	low pollution
Cd, Cr, F, Ni	1.178	high pollution
	0.000	no pollution
Co, Cr	0.904	medium pollution
Co, Cr, F	1.013	high pollution

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Babín	ChSK _{Mn} , Mg	0.322	low pollution
Beňadovo		0.000	no pollution
Bobrov	ChSK _{Mn} , Mg , Mn	0.734	low pollution
Breza		0.000	no pollution
Hruštín	ChSK _{Mn}	0.197	low pollution
Klin	ChSK _{Mn}	0.012	low pollution
Krušetnica	Mn	1.604	medium pollution
Lokca	ChSK _{Mn}	0.077	low pollution
Lomná	ChSK _{Mn} , Mn	1.114	medium pollution
Mútne	Mg	0.000	no pollution
Námestovo		0.000	no pollution
Novoť	ChSK _{Mn} , Mg	0.031	low pollution
Oravská Jasenica		0.000	no pollution
Oravská Lesná	Mg	0.000	no pollution
Oravská Polhora	ChSK _{Mn} , Mg	0.029	low pollution
Oravské Veselé	ChSK _{Mn}	0.376	low pollution
Rabča	ChSK _{Mn}	0.132	low pollution
Rabčice	ChSK _{Mn}	0.043	low pollution
Sihelné	ChSK _{Mn}	0.115	low pollution
Ťapešovo	ChSK _{Mn}	0.054	low pollution
Vasíľov	ChSK _{Mn}	0.252	low pollution
Vavrečka		0.000	no pollution
Zákamenné	Mg , Mn	0.400	low pollution
Zubrohlava	ChSK _{Mn}	0.156	low pollution
Bešeňová	ChSK _{Mn} , Mg	0.009	low pollution
district Ružomberok			
Hubová		0.000	no pollution
Ivachnová		0.000	no pollution
Kalameny	ChSK _{Mn}	0.144	low pollution
Komjatná	Fe	0.174	low pollution
Likavka		0.000	no pollution
Liptovská Lúžna		0.000	no pollution
Liptovská Osada		0.000	no pollution
Liptovská Štiavnica	Cd	11.226	very high pollution
Liptovská Teplá		0.000	no pollution
Liptovské Revúce		0.000	no pollution

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Cr	0.360	low pollution
Cr	0.290	low pollution
Cr	0.234	low pollution
Cr	0.262	low pollution
Cr	0.481	low pollution
Cd, Cr	0.276	low pollution
Cr	0.329	low pollution
Cr	0.211	low pollution
Cr	0.415	low pollution
Cd, Cr	0.857	medium pollution
Cr	0.292	low pollution
Cr	0.272	low pollution
Cr	0.232	low pollution
Cr	0.368	low pollution
Cd, Co, Cr	1.353	high pollution
Cd, Cr	0.617	medium pollution
Cd, Co, Cr	1.185	high pollution
Cd, Co, Cr	1.729	high pollution
Cd, Co, Cr	1.000	medium pollution
Cr	0.177	low pollution
Cr	0.258	low pollution
Cr	0.198	low pollution
Cr	0.300	low pollution
Cd, Co, Cr	0.674	medium pollution
Cr	0.507	medium pollution
Cr	0.595	medium pollution
Cr	0.494	low pollution
Cr, F	0.586	medium pollution
Cr, Ni	1.733	high pollution
Cr	0.465	low pollution
As, Cd, Co, F	8.311	very high pollution
Cd, Co, F	5.013	very high pollution
Co, Cr	0.784	medium pollution
Cr	0.494	low pollution
Cd, Co, Cr, F, Ni	1.273	high pollution

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Liptovský Michal	Mg	0.000	no pollution
Lisková	Cd	1.470	medium pollution
Ľubochňa		0.000	no pollution
Lúčky		0.000	no pollution
Ludrová	Cd	17.256	very high pollution
Martinček		0.000	no pollution
Potok	ChSK _{Mn} , Mg, Mn, SO ₄	0.102	low pollution
Ružomberok		0.000	no pollution
Sliače	Cd	14.576	very high pollution
Stankovany	Fe, Mn	3.062	medium pollution
Štiavnička	Cd	15.833	very high pollution
Švošov		0.000	no pollution
Turík		0.000	no pollution
Valaská Dubová		0.000	no pollution
district Turčianske Teplice			
Abramová		0.000	no pollution
Blažovce	Mg	0.000	no pollution
Bodorová	Mg	0.000	no pollution
Borcová	Mg	0.000	no pollution
Brieštie		0.000	no pollution
Budiš	Ca+Mg, Ca, Mg, Fe, Mn, Cd	6.003	high pollution
Čremošné		0.000	no pollution
Dubové	Ca+Mg, Ca, Mg, Fe, Mn, Cd	3.228	medium pollution
Háj		0.000	no pollution
Horná Štubňa		0.000	no pollution
Ivančiná		0.000	no pollution
Jasenovo	Mn, Cd	0.832	low pollution
Jazernica	Mg	0.000	no pollution
Kaľamenová	pH, ChSK _{Mn} , Fe, Mn, NH ₄ , Cd	16.402	very high pollution
Liešno	pH, ChSK _{Mn} , Fe, Mn, NH ₄ , Cd, Al	18.358	very high pollution
Malý Čepčín	Mg	0.000	no pollution
Moškovec	Mg	0.000	no pollution
Mošovce		0.000	no pollution
Ondrašová		0.000	no pollution
Rakša		0.000	no pollution
Rudno	Mn, Cd	5.536	high pollution

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Cr	0.522	medium pollution
Cr	0.448	low pollution
Co	1.201	high pollution
Cr, F	0.613	medium pollution
Cr	0.259	low pollution
Cr	0.417	low pollution
Cr	0.516	medium pollution
Co, Cr	1.438	high pollution
Cr	0.449	low pollution
Co, Cr	2.132	high pollution
Cr	0.362	low pollution
Cr, Ni	1.524	high pollution
Cr	0.494	low pollution
Cr, Ni	0.883	medium pollution
Cr	0.169	low pollution
Cr	0.034	low pollution
Cr	0.046	low pollution
Cr	0.025	low pollution
Cr, F	0.675	medium pollution
	0.000	no pollution
As, Cd	1.518	high pollution
	0.000	no pollution
	0.000	no pollution
	0.000	no pollution
Cr	0.077	low pollution
Cr, F	0.148	low pollution
Cr	0.062	low pollution
Cr	0.043	low pollution
Cr	0.070	low pollution
Cr	0.059	low pollution
Cr	0.061	low pollution
As, Cd, Cr	0.721	medium pollution
Cr	0.177	low pollution
	0.000	no pollution
Cr, F	0.201	low pollution

Evaluated environmental indicators - Žilina region

GROUNDWATER

I_{ERGw} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Sklené	Ca+Mg, Ca, Mg	0.000	no pollution
Slovenské Pravno		0.000	no pollution
Turček	Ca+Mg, Ca, Mg	0.000	no pollution
Turčianske Teplice		0.000	no pollution
Veľký Čepčín	Fe, Mn, NH ₄ , Cd	5.724	high pollution
district Tvrdošín			
Brezovica		0.000	no pollution
Čimhová		0.000	no pollution
Habovka	Mg	0.000	no pollution
Hladovka	Mg	0.000	no pollution
Liesek	Mn	0.583	low pollution
Nižná		0.000	no pollution
Oravský Biely Potok		0.000	no pollution
Podbiel	ChSK _{Mn}	0.109	low pollution
Štefanov nad Oravou		0.000	no pollution
Suchá Hora	Mg	0.000	no pollution
Trstená	ChSK _{Mn} , Mg, Mn	1.839	medium pollution
Tvrdošín	ChSK _{Mn}	0.121	low pollution
Vitanová		0.000	no pollution
Zábiedovo	ChSK _{Mn}	0.136	low pollution
Zuberec	Ca+Mg, Ca, Mg	0.000	no pollution
district Žilina			
Belá		0.000	no pollution
Bitarová	Mn	0.398	low pollution
Brezany		0.000	no pollution
Čičmany		0.000	no pollution
Divina	Mg	0.000	no pollution
Divinka		0.000	no pollution
Dlhé Pole	Mg, Mn	0.069	low pollution
Dolná Tižina		0.000	no pollution
Dolný Hričov		0.000	no pollution
Ďurčiná		0.000	no pollution
Fačkov		0.000	no pollution
Gbeľany		0.000	no pollution
Hôrky	Mn	0.564	low pollution
Horný Hričov		0.000	no pollution

SOIL

I_{ERs} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

	0.000	no pollution
Cr, F	0.164	low pollution
Pb	0.112	low pollution
Cr	0.011	low pollution
Cr	0.084	low pollution
Cd, Co, Cr		
	2.218	high pollution
Cd, Co, Cr		
	1.267	high pollution
Cd, Co, Cr		
	1.557	high pollution
Cr	0.514	medium pollution
Cd, Cr		
	0.657	medium pollution
Cr	0.556	medium pollution
Cr	0.805	medium pollution
Cr	0.526	medium pollution
Cr	0.314	low pollution
Cr	0.512	medium pollution
Cr	0.429	low pollution
Cr	0.655	medium pollution
Cd, Co, Cr		
	1.531	high pollution
Cd, Co, Cr		
	1.618	high pollution
Cd, Co		
	0.312	low pollution
Co, Cr		
	1.670	high pollution
Cr	0.092	low pollution
Cr	0.095	low pollution
Cd, Cr, F		
	1.080	high pollution
Cr	0.567	medium pollution
Cr	0.191	low pollution
Cr	1.158	high pollution
Co	1.940	high pollution
Cr	0.215	low pollution
Cr	0.264	low pollution
Cd, Cr, F, Ni		
	0.709	medium pollution
Cr	0.286	low pollution
Cr	0.084	low pollution
Cr	0.231	low pollution

Evaluated environmental indicators - Žilina region

GROUNDWATER

I_{ERGw} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution $0 < I \leq 1$; medium pollution $1 < I \leq 5$; high pollution $5 < I \leq 10$; very high pollution $I > 10$;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Hričovské Podhradie	Mg	0.000	no pollution
Jasenové		0.000	no pollution
Kamenná Poruba		0.000	no pollution
Kľače		0.221	low pollution
Konská	Hg	0.010	low pollution
Kotrčiná Lúčka		0.000	no pollution
Krasňany		0.000	no pollution
Kunerad	Mg	0.000	no pollution
Lietava		0.000	no pollution
Lietavská Lúčka	Fe, Mn	1.689	medium pollution
Lietavská Svinná - Babkov		0.000	no pollution
Lutiše	Mg	0.000	no pollution
Lysica		0.000	no pollution
Malá Čierna	Cd	0.252	low pollution
Mojš		0.000	no pollution
Nededza		0.000	no pollution
Nezbudská Lúčka		0.000	no pollution
Ovčiarsko	Mn	0.500	low pollution
Paština Závada	Mg	0.000	no pollution
Podhorie		0.000	no pollution
Porúbka	Fe, Mn	1.970	medium pollution
Rajec		0.000	no pollution
Rajecká Lesná		0.000	no pollution
Rajecké Teplice		0.000	no pollution
Rosina	Fe, Mn	2.183	medium pollution
Stráňavy		0.000	no pollution
Stránske	Mg	0.000	no pollution
Stráža		0.000	no pollution
Strečno		0.000	no pollution
Šuja		0.000	no pollution
Svederník		0.000	no pollution
Teplička nad Váhom		0.000	no pollution
Terchová		0.000	no pollution
Turie	Mn	0.755	low pollution
Varín	Mn	0.042	low pollution
Veľká Čierna	Cd	0.132	low pollution

SOIL

I_{ERs} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution $0 < I \leq 1$; medium pollution $1 < I \leq 5$; high pollution $5 < I \leq 10$; very high pollution $I > 10$

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.266	low pollution
Cr	0.392	low pollution
Cr	0.187	low pollution
Cr	0.330	low pollution
Cr	0.313	low pollution
Cr	0.304	low pollution
Co	1.345	high pollution
Co, Cr	0.065	low pollution
Cr	0.133	low pollution
Cr	0.179	low pollution
Cr	0.272	low pollution
Cr	0.476	low pollution
Cr	0.270	low pollution
Cr	0.372	low pollution
Cr	0.302	low pollution
Cr	0.301	low pollution
Co	0.139	low pollution
Cr	0.116	low pollution
Cr	0.144	low pollution
Cr	0.119	low pollution
Cr	0.144	low pollution
Cr	0.235	low pollution
Cr, Cr, Ni	0.410	low pollution
Cr	0.181	low pollution
Cr	0.258	low pollution
Cr	0.000	low pollution
Cr	0.050	low pollution
Cr	0.188	low pollution
Cr	0.002	low pollution
Cr	0.169	low pollution
Cr	0.322	low pollution
Cr	0.377	low pollution
Co, Cr	2.829	high pollution
	0.000	no pollution
Cr	0.123	low pollution
Cr	0.214	low pollution

Evaluated environmental indicators - Žilina region

GROUNDWATER

$I_{ER_{GW}}$ - index of environmental risk for groundwater;

groundwater quality: no pollution 0; low pollution $>0 \leq 1$; medium pollution $>1 \leq 5$; high pollution $>5 \leq 10$; very high pollution >10 ;
excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Višňové	Fe, Mn	3.434	medium pollution
Zbyňov		0.000	no pollution
Žilina		0.000	no pollution

SOIL

I_{ERs} - index of environmental risk for soil;

soil quality: no pollution 0; low pollution $>0 \leq 1$; medium pollution $>1 \leq 5$; high pollution $>5 \leq 10$; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.016	low pollution
Cr	0.374	low pollution
Cr, Cr	0.263	low pollution