

**JAPAN INTERNATIONAL COOPERATION AGENCY**

**SLOVAK ENVIRONMENTAL AGENCY  
THE SLOVAK REPUBLIC**

**THE STUDY  
ON  
THE REGIONAL ENVIRONMENTAL MANAGEMENT PLAN  
FOR  
THE HRON RIVER BASIN  
IN  
THE SLOVAK REPUBLIC**

**Final Report  
SUPPORTING REPORT**

**February 2000**

**PACIFIC CONSULTANTS INTERNATIONAL, TOKYO  
OYO CORPORATION, TOKYO**



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## Supporting Report

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# SUPPORTING REPORT

## EXPLANATORY FOREWORD

The Supporting Report of the Regional Environmental Management Plan (REMP) for the Hron River Basin consists of 15 Annexes, some divided into two or more parts. These Annexes contain information, relating to the Study Area and environmental management in Slovakia, that is neither part of the Core Plan and its Supporting Measures, nor the key information that is needed to justify the recommendations that have been made in the REMP's Main Report.

Nevertheless, as the title of this volume suggests, the information and data that it contains does provide support to the Main Report in terms of *inter alia* basic facts about the Study Area (Annex B), the national context for the Study (Annex C), on planning methodologies (Annex M) and the many digital data sets obtained and used. The Supporting Report also contains the results of additional 'studies' carried out during the REMP Project, namely the results of consultation exercises in the form of Environmental Questionnaires (Annex L); of field investigations carried out in the lower Hron River Basin (Annex F); and of a Case Study that demonstrates a methodology for identifying and prioritising those areas most in need of wastewater treatment systems (Annex N).

Annex A presents a comprehensive bibliography of information relevant to the study that was compiled by the Study Team; not all of the documents in the bibliography are referred to in the text of the Main Report.

Annex B in particular supports or complements Chapter 2; Annexes C and D support Chapter 4; Annexes E and F complement Chapter 5, sections 5.1 and 5.2; Annexes G, H I and J support Chapter 5, sections 5.3, 5.4, 5.5 and 5.6 respectively. Annexes K and L primarily support Chapter 6, section 6.3. The remaining Annexes do not relate to one chapter in particular.

There is a separate volume for maps printed at A3 size.

# ANNEX A

## BIBLIOGRAPHY

References are listed under the following categories.

No	Category of Field
1	Environmental Policy / Plan / Programme
2	Hydrology / Geology
3	Regional Environment
4	Ecology
5	Land Use / Development
6	Economy
7	GIS
8	Air Quality
9	Water Quality / Management
10	Other Pollution / Control
11	Environmental Monitoring
12	Institution
13	Environmental Education
14	Statistics
15	Solid Waste
16	Soil
17	Projects
18	Other Management Plans
19	Legislation
20	Industry
21	Health
22	Water Management
23	Infrastructure
24	Tourism and Heritage
99	Others

**CATEGORY 1: ENVIRONMENTAL POLICY / PLAN / PROGRAMME**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
1 - 1	Polana Biosphere Reserve	Czech National Committee for UNESCO's Man and Biosphere Programme	English	1994
1 - 2	Environmental Forestry Development Project	World Bank	English	1994
1 - 3	Conference on Pieniny National Park	Pieniny National Park	Slovak / English	1997
1 - 4	Environmental Management Plan - Banska Bystrica OKRES	Okres Office B.B.	Slovak	1997
1 - 5	Environmental Action Program for Banska Bystrica KRAJ	Kraj office in Banska Bystrica	Slovak	1997
1 - 5B	Environmental Action Program for Banska Bystrica KRAJ		English	1997
1 - 6	Environmental Action Program for Nitra KRAJ	Kraj office in Nitra	Slovak	1997
1 - 6B	Environmental Action Program for Nitra KRAJ		English	1997
1 - 7	Environment of the Slovak Republic	Ministry of Environment SR	English	1998
1 - 8	Kraj Environmental Action Plan -TRENCIN	Kraj office in Trencin Department of Environment	Slovak	1997
1 - 9	Okres Environmental Action Programme-LEVICE	Okres Office of Levice	Slovak	1997
1 - 9B	Okres Environmental Action Programme-LEVICE	Okres Office of Levice	English	1997
1 - 10	National Environmental Action Programme	Ministry of Environment SR	English	1995
1 - 11	National Environmental Action Programme	Ministry of Environment SR	English	1996
1 - 12	Enviro Guide Slovakia 1993	Ministry of Environment SR	English	1993
1 - 13	Slovak Environmental Agency Leaflet		English / Slovak	
1 - 14A	Environment of the Slovak Republic: 4th Meeting of Conference of Parties to Convention on Biological Diversity	Ministry of Environment SR	English	1998
1 - 14B	4th Meeting of the Conference of the Parties to the Convention on Biological Diversity -summary leaflet	Ministry of Environment SR	English	1998
1 - 15	Environment of the Slovak Republic Leaflet: 4th Meeting of Conference of Parties to Convention on Biological Diversity	Ministry of the Environment SR	English	
1 - 16	Environment in Slovakia	Ministry of the Environment SR	English	
1 - 17	Joint Project on Strengthening Environmental Management Capabilities in Central and Eastern European Countries - Strategic Goals of Environmental Policy in the Slovak	UN Economic Commission for Europe / UNEP	English	Nov-93
1 - 18	Environmental Assessment in Countries in Transition - Draft Update. Papers and proceedings of the Central European University Summer Workshop.	Central European University, Budapest, Hungary	English	Jul-96
1 - 19	The National Environmental Policy 1993 - summary	H. Matsuo	English	1993
1 - 20	The World Bank Environment Department Paper Number 013 (Environmental Economics): To See the Wood from the Trees - A Guide to Non-Timber Forest Benefits	The World Bank	English	Jul-95
1 - 21	The World Bank Environment Department Dissemination Notes Number 30: National Environmental Strategies - Learning from Experience	The World Bank	English	Aug-95
1 - 22	Environmental Action Programme for Central-Hron Polluted Area	SAZP	Slovak	
1 - 23	Conventional aims of Env. Education + Agenda 21	Ministry of Environment, SR	S/E	Jun-98
1 - 24	Environmental Action Program Nove Zamky	Okres Office Nove Zamky	Slovak	Oct-98
1 - 25	Framework for the National Biodiversity Strategy in the Slovak Republic	Ministry of Environment, SR	S/E	1998
1 - 26	Biodiversity protection in the protected landscape area-Biosphere reserve Polana and management of its grasslands	IUCN	S/E	1/98
1 - 27	State of the Environment report SR 1997	Ministry of the Environment SR	E	1997
1 - 28	State of the Environment report SR 1997	Ministry of the Environment SR	S	1997
1 - 29	Review of the Czech State Environmental policy 2nd draft	Kobus Darius	E	1996
1 - 30	Redis project - environment and infrastructure action plan	REDIS, GHK International	E	1997
1 - 31	National Report on the Status and Protection of Biodiversity in Slovakia	Ministry of the Environment, SR	S/E	1998
1 - 32	Background Report on IPPC - Prepared for the Slovak Ministry of Environment	ECOTEC Research and Consulting Ltd.	English	1999
1 - 33	National Environmental Policy	Ministry of the Environment, SR	English	1993

**CATEGORY 2: HYDROLOGY / GEOLOGY**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
2 - 1	Geological Map of Slovakia (1:500,000)	Ministry of Environment SR	S/E	1996
2 - 2	Explanation to geological map of Slovak	Ministry of Environment SR	English	1996
2 - 3	Geological Maps of Slovakia	Ministry of Environment SR	S/E	1996

2 - 4	Hydrogeological Map	Ministry of Environment SR	S/E	1996
2 - 5	Slovak Geological magazine (Vol.3, No.1)	Institute of Geological, Bratislava	English	Jan-97
2 - 6	Slovak Geological magazine (1-95)	Institute of Geological, Bratislava	English	1995
2 - 7	Slovak Geological magazine (3-95)	Institute of Geological, Bratislava	English	1995
2 - 8	Annual Report of the Institute of Geology 1994	Institute of Geological, Bratislava	Slovak	1994
2 - 9	Example of the monitoring result of stream sediments and groundwater	Geological Survey of Slovak Republic (GSSR)	Slovak	1997
2 - 10	Example of the digitalised hydrogeological map and borehole data base	GSSR Bratislava	Slovak	-
2 - 11	Environmental Geofactors of Ziar斯卡 Kotlina and Banska Stiavnica region	Ministry of Env. - Department of Geology and Natural resources	Slovak	1995
2 - 12	Dams in Slovakia	T.R.T. Medium Bratislava	English	1995
2 - 13	Hydrological Annual report- Ground waters 1995	SHMU Bratislava	Slovak	1996
2 - 14	Kvalita Podzemnych Vod Na Slovensku, 1996	Slovensky Hydrometeorologicky Ustav (SHMU)	Slovak	Jun-05
2 - 15	Kvalita Povrchovych Vod Na Slovensku, 1995-1996	Slovensky Hydrometeorologicky	Slovak	Jun-05
2 - 16	Geological map of the Polana Mountains. 1: 50000	GSSR Bratislava	S/E	1997
2 - 17	Geological map of the Nizke Tatry mountains 1:50000	GSSR Bratislava	S/E	1992
2 - 18	Geological map of the Danube lowland, SE Part 1:50000	GSSR Bratislava	S/E	1976
2 - 19	Mineral Resources of Slovakia	GSSR Bratislava	E	1997
2 - 20	Explanation to geological map of Javoria	GSSR Bratislava	S/E	1998
2 - 21	Explanation to geological map of Kremnicke vrchy	GSSR Bratislava	S/E	1998
2 - 22	Explanation to geological map of Podunajska plain	GSSR Bratislava	S/E	1998
2 - 23	Explanation to geological map of Stiavnicke vrchy and Pohronsky Inovec	GSSR Bratislava	S	1998
2 - 24	Geological map of Javorie mountains 1:50000	GSSR Bratislava	S/E	1998
2 - 25	Geological map of the Kremnicke vrchy mountains 1:50000.	GSSR Bratislava	S/E	1998
2 - 26	Geological map of the Danube lowland Eastern Part 1:50000	GSSR Bratislava	S/E	1998
2 - 27	Geological map of the region Stiavnicke mountains, and Pohronsky inovec mountains 1:50000	GSSR Bratislava	S/E	1998
2 - 28	Ground water	Slovenska Asociacia Hydrogeologov, Bratislava	Slovak	1998
2 - 29	Preview of inhabitants supplied by drinking water from public water piping	Brezno	Slovak	1998

### CATEGORY 3: REGIONAL ENVIRONMENT

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
3 - 1	Hydroecological plan (HEP) of Hron Basin	Hron river Basin Authority- Banska Bystrica	Slovak	Dec-93
3 - 1	Vol. A. HEP; Water resources			
3 - 1	Vol. B HEP; Development and prognosis of Water Quality			
3 - 1	Vol. C (HEP) Water Protection			
3 - 2	Water-management plan of Hron Basin	Hron River Basin Authority- Banska Bystrica	Slovak	
3 - 3	Territorial plan of the large territorial unit-Okres -Ziar nad Hronom - Additional research and analysis guide report with additional drafts and tables 3	Aura -Project Authority Banska Bystrica	Slovak	Dec-93
3 - 4	Local territorial system of ecological stability in chosen cadaster areas reached by ZSNP(factory) Ziar and Hron	Allplan GmbH Bratislava - Ministry of Environment	Slovak	Dec-96
3 - 5	Regional development strategy for the central Hron Basin region (and Terms of Reference)	Regional Development Strengthening -Project (REDIS)	Slovak	Jun95
3 - 6	Hron River Basin Banska Bystrica.	Hron River Basin Authority- Banska Bystrica	Slovak	1994
3 - 7	Report on the State of the Environment in the Hron River Watershed	Slovak Environmental Agency	English	
3 - 8	Blank			
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3 - 10	Blank			
3 - 11	Environmental Assessment Sourcebook Update, No 15 - Regional Environmental Assessment	World Bank, Environment Department	English	1996
3 - 12	The Study on the Regional Environmental Management Plan for the Hron River Basin, Interim Report	JICA Study Team	English	Jan-99



**CATEGORY 4: ECOLOGY**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
4 - 1	Red Data Book. List of Threatened Plants and Animals of the Carpathians	Association of Carpathian National Parks	English	1996
4 - 2	Wetlands	-	English	1993
4 - 3	Environmental Capacity Evaluation of Ziariska Kotlina Region, Report for 2nd stage	EL spol., Ecology and Veterinary Laboratories, Duklianska 46, Spišska Nova Ves		Jun-05
4 - 4	Biodiversity Protection Project, Slovak Republic	The World Bank Global Environment Facility	English	1994
4 - 5	Biodiversity Protection in Protected Landscape Area - Biosphere Pol'ana and Management of its Grassland	IUCN	Slovak / English Summary	1994
4 - 6	The Pan-European Biological and Landscape Diversity Strategy	Council of Europe / UNEP / European Centre for Nature	English	1996
4 - 7	Large Protected Nature Areas over the Study Area	SEA	Slovak / some English	Apr-98
4 - 8	Central Slovakia Tourism Brochure	Ministry of Economy, Dept. of	English	1994
4 - 9	Slovak Mountains Tourism Brochure	Slovak Agency for Tourism	English	
4 - 10	Western Slovakia Tourism Brochure	Slovak Agency for Tourism	English	1996
4 - 11	Eastern Slovakia Tourism Brochure	Slovak Agency for Tourism	English	1996
4 - 12	List of Endangered Species of Plants in Low Tatras National		Latin	
4 - 13	Red List of Ferns and Flowering Plants of the Flora of Slovakia (Second Draft)	S. Maglocky and V. Ferakova - Biologia Journal	English	1993
4 - 14	Nature of Slovakia - Wetlands	Vydalo Vydavatel'stvo Ekologia	Slovak	1993
4 - 15	Pol'ana Biosphere Reserve	Czech National Committee for UNESCO's Man and Biosphere Programme		1994
4 - 16	Jaskyna Mrtvych Netopierov		Slovak / English / German	
4 - 17	UNESCO Chair for Ecological Awareness and Sustainable Development	Zvolen Technical University		
4 - 18	Nature Protection in Slovakia	Ministry of Environment SR	English	1995
4 - 19	Vegetation and Vertebrates of Peaty Meadows of Zliebsky in Zadna Pol'ana Nature Reserve	P. Urban, R. Hrivnak, A. Kristin	Slovak	1995
4 - 20	The Ecology of the Wolf ( <i>Canis lupus</i> ) and its Share on the Formalisation and Stability of the Carpathian Ecosystems in	J. Voškar	Slovak	1993
4 - 21	The Soil Conservation and the Landscape - Ecological Carrying Capacity of the Nizke Tatry National Park Area	R. Midriak	Slovak	1993
4 - 22	Trends in the Distribution, Occurrence and Abundance of Two Carabids (Coleoptera: Carabidae) in Slovakia	J. Kleinert	English	1986
4 - 23	Podpol'ans Welcome Leaflet	Slovak Tourist Board	English	
4 - 24	Red Data Book: List of Threatened Plants and Animals of the Carpathian National Parks and Reserves	I. Volocuk (editor) / Association of the Carpathian National Parks and	English / Latin	1996
4 - 25	Zbornik	PIENAP	Slovak	1997
4 - 26	Lykovec Muransky	SAZP	Slovak	1996
4 - 27	Slovak Republic Biodiversity Protection Project - Project Document	The World Bank Global Environment Facility	English	Jun-94
4 - 28	National Parks in Slovakia	V. Barta, J. Burkovsky	English / Slovak / German	
4 - 29	Know and protect the nature OKRES Ziar nad Hronom	Okres office of Env. in Ziar nad	Slovak	1995
4 - 30	GEF- Biodiversity Protection Project: The Ecological Carrying Capacity; Methodology and its application on three target areas. Part I-IV	Institute of Landscape Ecology of SAS Blava, Ministry of ENV	English	1997
4 - 31	Protected areas, Slovakia	SAZP Banska Bystrica	Slovak	
4 - 32	Research and nature protection Muranska Planina	Revuca	Slovak	1997
4 - 33	Nature protection in Nitra and protected landscape Ponitrie	Centre of PLA Ponitrie	Slovak	1995
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4 - 37	PLA Polana	Obzor	Slovak	1989
4 - 38	Polana Biosphere Reserve	MAB; Administration of the protected landscape area - the biosphere reserve Pol'ana, Zvolen	English	1995
4 - 39	National Report on the Status and Protection of Biodiversity in Slovakia	Ministry of Environment SR	S/E	1998
4 - 40	National biodiversity strategy of Slovakia	Ministry of Environment SR	S/E	1998

4 - 41	Guide to Muranska plain	Chranena Krajinna Oblast - Muranska Planina	Slovak	1988
4 - 42	Muranska plain map	Project atelier pre regionalne planovanie a vidiecky rozvoj Banska	Slovak	1996
4 - 43	Regulations for the visitors	National Park, Muranska Planina	English	1997
4 - 44	Guide of educational trails - Stozok	Chranena Krajinna Oblast - Muranska Planina	Slovak	1991
4 - 45	Geochemical atlas of Slovakia Forest Biomass	Mankovska, B.; Geologicka Sluba Slovenskej Republiky, Bratislava	Slovak/ English	1996
4 - 46	Ten years of monitoring Forest Conditions in Europe. Studies on Temporal Development, Spatial Distribution and Impacts of Natural and Anthropogenic Stress Factors.	European Commission and United Nations Economic Commission for Europe, Brussels	English	1997
4 - 47	Green Report: Report on Forestry in the Slovak Republic 1996	Ministry of Agriculture SR, Forestry Section, Bratislava	English	1996
4 - 48	Green Report: Report on Forestry in the Slovak Republic 1997	Ministry of Agriculture SR, Forestry Section, Bratislava	English	1997
4 - 49	Green Report: Report on Forestry in the Slovak Republic 1998	Ministry of Agriculture SR, Food, Forestry and Water Management, Bratislava	English	1998
4 - 50	National Biodiversity Strategy of Slovakia.	Ministry of Environment SR,	English	1997
4 - 51	Environmental Development Project, Slovak Republic. Draft Report n. 13409SK	World Bank, Washington	English	1994
4 - 52	Interaction Between Agriculture and Nature Conservation in the Czech and Slovak Republics.	Kundrata, M., Low, J., and Ungerman, J., IUCN, Switzerland	English	1995
4 - 53	Environment of the Slovak Republic	Ministry of Environment SR,	English	1998
4 - 54	Feasibility Fish Way Veľke Kozmalovce. Danube Environmental Programme, Hron River Basin Pre-Investment	Delft Hydraulics, Delft, The Netherlands	English	1994
4 - 55	Health Condition of Beechwood in Relation to the Content of Noxious Agents in Soil in the Vicinity of Aluminium Works.	Istona, J., Proceedings of the Soil Fertility Research Institute, Bratislava. 19: pp.145-148	English	1995
4 - 56	Aluminium and Heavy Metal Fractions in a Contaminated Soil Catena Near Ziar nad Hronom, Central Slovakia.	Mosbach, J., Wilcke, W., Kobza, J., Nestroy, O., Zech, W. Proceedings of the Soil Fertility Research Institute, Bratislava. 19: 321 - 326	English	1995

#### CATEGORY 5: LAND USE / DEVELOPMENT

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
5 - 1	Bulletin of Tourism 1/97, 2/98	Ministry of Economy, Section of Tourism	English	1997
5 - 2	Slovak Forestry	Forestry Department	English	1997
5 - 3	Slovakia Show Caves	Books Centre	English	1997
5 - 4	National Spatial Development Conception of Slovakia-physical planning material - first draft 1994	Ministry of Environment SR	English	
5 - 5	Report on Strategic Development of the Territory of SR	SAZP	Slovak	
5 - 6	Strategic Development Plan for Nitra Region	AUREX	Slovak	
5 - 6B	Strategic Development Plan for Nitra Region	AUREX	English	
5 - 7	Strategy for Spatial Development and Arrangement of the Slovak Republic (the short presentation material) Partial	SAZP	English	1995
5 - 8	Slovakia; Corine Land Cover Tourist Map	PHARE	English	1996
5 - 9	Reedex Slovakia s.r.o. Advertising Material	Reedex Slovakia s.r.o.	Slovak	
5 - 10	Integrated Land Management and Regional Sustainable Development of the Ipel' River Transboundary Watershed		English	
5 - 11	Pracovne Postupy Hospodarskej Upravy Lesov	Ochranna Znamka	Slovak	1995
5 - 12	Slovak Forest - Volume 53	Ministry of Land Management SR	English	1997
5 - 13	Forests and Forestry in the Slovak Republic	Forestry Research Institute, Zvolen	English	1996
5 - 14	World Bank - Slovak Republic: Environmental Forestry Development Project	World Bank Staff Appraisal Report	English	Sep-94
5 - 15	Forestry Information Received From Tomas Bucha	Tomas Bucha	English	
5 - 16	Zasady Hospodarenia v Lesoch Slovenska Postihnutych	Jan Grek a Kolektiv	Slovak	1991
5 - 17	Report on Forestry in the Slovak Republic 1996, Green Report	Ministry of Agriculture SR, Forestry Section	English	1996
5 - 18	Lesnicke Informacie - Zasady Hospodarenia v Kuel'nych a Rekreativnych Lesoch SSR	Ministerstvo Lesneho a Vodneho Hospodarstva SSR	Slovak	1986
5 - 19	Forestry Research Institute, Zvolen - Information Booklet	Forestry Research Institute, Zvolen	English	1992
5 - 20	Forests in Slovakia - Information Leaflet			

5 - 21	Maps Showing Land Ownership in Slovakia			
5 - 22	Environment ( Magazine)	Institute for Landscape Ecology Bratislava	Slovak	Mar-98
5 - 23	Territorial plan of large territorial unit of Banska Bystrica		Slovak	
5 - 24	A guide to non-timber forest benefits	ESD	English	Jul-98
5 - 25	Interactions Between Agriculture and Nature Conservation in the Czech and Slovak Republics	Kundrata, M, Low, J. and Ungerman, J., IUCN, Gland, Switzerland	English	1995
5 - 27	Slovakia spatial development perspective	Ministry of Environment SR	English	1998

#### CATEGORY 6: ECONOMY

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
6 - 1	Priemyselna Politika Slovenskej Republiky	Vlada Slovaenskej Republiky	Slovak	1995

#### CATEGORY 7: GIS

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
7 - 1	Project DANUBE Final Slovak Report	SAZP	English	1997
7 - 2	EKOTRUST	Ekotrust Banska Stiavnica	Slovak / English	
7 - 3	Map Catalogue - State map series	Authority of geodesy, cartography and cadastre of SR	English	1995
7 - 4	Water-management plan of Bodrog Basin- implementation of digital data to GIS environment		Slovak/English	
7 - 5	Information system of department of Environment	Ministry of Environment SR	Slovak	1997
7 - 5B	Information system of department of Environment	Ministry of Environment SR	English	1997
7 - 6	Framework for Departments forming the state information system of Ministry of Environment SR	Ministry of Environment SR	Slovak	1997
7 - 7	Examples of thematic maps to be prepared		English	Nov-97

#### CATEGORY 8: AIR QUALITY

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
8 - 1	Economic and Ecological Benefits of reducing emissions of Sulphur Oxides in Sostanj Region of Slovenia	Ayres and Dixon; Environmentally Sustainable Development; The World Bank	English	Apr-95
8 - 2	NSCA 1998 Pollution Handbook		English	
8 - 3	Survey of the sources of air pollution for B.B.		Slovak	May-97
8 - 4	Air pollution in the Slovak Republic in 1996	SHMI; Ministry of Environment	English	1997
8 - 5	Air Pollution in the Slovak Republic in 1996	Slovak Hydrometeorological Institute	English	Jun-05
8 - 6	The Emissions Threat and Load of "Mala Fatra Mountains" National Park	E. Bublinc, A. Cicak, M. Dubova	Slovak	1995
8 - 7	Ambient Air Quality in Slovakia - POPs, VOCs, and Heavy	Stenhouse, Kocan, Violova &	English	
8 - 8	The World Bank Environment Department Paper Number 009: Economic and Ecological Benefits of Reducing Emissions of Sulphur Oxides in the Sostanj Region of	The World Bank	English	Apr-95
8 - 9	International Workshop on Hazardous Air pollutant	Ministry of Environment, PHARE	English	Nov-97
8 - 10	Study on the reduction of emissions in SW Slovakia. A final Report Summarising the Study Findings Leading to Conclusions and Recommendations Associated with Formulation of Regional Action Plans.	WS Atkins International; Phare CBC Program	English	Feb-99
8 - 11	Air Quality and Pollution Sources	JICA study team and SHMU	English	Aug-99

#### CATEGORY 9: WATER QUALITY MANAGEMENT

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
9 - 1	Groundwater Quality in Slovakia	SHMI	Slovak	1997
9 - 2	KVALITA PODZEMNYCH VOD NA SLOVENSKU 1996 PRILOHA - Ground water QUALITY in Slovakia 1996	SHMU	Slovak	1997
9 - 3	KVALITA POVRCHOVYCH VOD NA SLOVENSKU 1995-1996 - Surface water QUALITY in Slovakia 1995-1996	SHMU	Slovak	1997

9 - 2+3 B	Ground and Surface Water Quality in Slovakia 1995/6	SHMU	English	1997
9 - 4	SPRAVA STATNEJ VODOHOSPODARSKEJ BILANCIE SR ZA ROK 1996- State water-management balance report of SR for 1996	SHMU	Slovak	1998
9 - 5	AKOST PODZEMNYCH VOD NA SLOVENSKU V ROKU 1993 -Ground water Quality in SR in 1993	SHMU	Slovak	1994
9 - 6	AKOST PODZEMNYCH VOD NA SLOVENSKU V ROKU 1993 PRILOHA TABULKY JEDNOTLIVYCH ANALYZ -Ground water Quality of SR in 1993 -Appendix of analysis	SHMU	Slovak	1994
9 - 7	AKOST PODZEMNYCH VOD NA SLOVENSKU V ROKU 1994 - Ground water Quality of SR in 1994	Water Research Institute / Ministry of transport, Public Works and Water Management	English	Dec-94
9 - 8	Danube Environmental Programme Hron River Basin Pre-Investment Study sub-project: water quality and decision support system	Water Research Institute / Ministry of transport, Public Works and Water Management	English	Dec-94
9 - 9	Danube Environmental Programme; Hron River Basin Pre-Investment Study: Main Report	Water Research Institute; Ministry of Transport, Public Works and Water Management. Directorate General for Public Works and Water	English	1994
9 - 10	Protokoľ Proforma 1996- Complete)	SIZP	Slovak	1998
9 - 11	What water do we drink? Survey of results of drinking water quality supplied by public piping in 1997	WRI Bratislava	Slovak	1997
9 - 12	Report on Water management in SR 1997	Ministry of agriculture, food, forestry and water management	English	Oct-97
9 - 13	Groundwater Quality in Slovakia 1996	SHMU	Slovak	1997
9 - 14	Water Quality Assessments. A Guide to the Use of Biota, Sediments and Water in Environmental Monitoring	Chapman, D, Chapman and Hall, London	English	1992
9 - 15	Vajskova - Project	Envigeo s.r.o.; SAZP	English	
9 - 16	What water do we drink? Survey of results of drinking water quality supplied by public piping in 1998	Water research institute	Slovak	1998
9 - 17	Water in Agricultural land	SFRI	Slovak	1996
9 - 18	Acidification of surface and ground waters in the slovak territory	Babiakova, G., Bodis, D., Chriastel, R., Pukanciakova, K., Rapant, S., Roncak, P., Zavodsky, D. Journal of Hydrology and Hydromechanics	Slovak	1998
9 - 19	Hydrological yearbook - ground waters 1997	SHMU	Slovak	1998
9 - 20	Hydrological yearbook - surface waters 1997	SHMU	Slovak	1998
9 - 21	Year book 1996-technological and operation data of WWTP	Water Research Institute, Bratislava	Slovak	1998
9 - 22	Year book 1997-technological and operation data of WWTP	WRI Bratislava	Slovak	1998

#### CATEGORY 10: OTHER POLLUTION / CONTROL

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
10 - 1	Manual- Assessment and Monitoring of air pollution effect on forests	Programme coordinating centres Hamburg & Prague 1994	English	1994
10 - 2	Occurrence of pesticides in forests in SR in 1997 + Prognoses for 1998	FRi Zvolen	Slovak	Apr-98
10 - 3	The World Bank Group Annual Meetings Edition: Pollution Prevention and Abatement Handbook - Toward Cleaner	The World Bank	English	Sep-97
10 - 4	International Environmental Law and Policy Series: Environmental Pollution Control	J. McLoughlin, E. G. Bellinger	English	1997
10 - 5	The World Bank Environment Department Paper Number 028: Financing Pollution Abatement - Theory and Practice	The World Bank	English	Oct-95
10 - 6	Support to the Env. Rehabilitation of the Ziar Valley	EKOTRUST-Slovak Republik and Heidemij (The Netherlands).Regional Environmental Centre for Central and Eastern Europe - Japan Special Fund.	English	1995/96
10 - 7	Support to the Env. Rehabilitation of the Ziarska Valley	EKOTRUST-Slovak Republik and Heidemij (The Netherlands).Regional Environmental Centre for Central and Eastern Europe - Japan Special Fund.	English	1995/96
10 - 8	Endangered areas	SAE	Slovak	1998

**CATEGORY 11: ENVIRONMENTAL MONITORING**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
11 - 1	Maps of Strategic Territorial Development Plan	SAZP	Slovak	
11 - 2	Workshop of advisory board of CMS forests	Forest Research Institute Zvolen	Slovak	July97
11 - 3	Calculation and Mapping of critical Thresholds in Europe, Status report 1997	National Institute of public health and the Environment. Convention on Long-Range Transboundary Air Pollution of the UN Economic Commission for Europe.	English	1997
11 - 4	Ten years of Monitoring Forest condition in Europe. Studies on temporal Development, Spatial Distribution and Impacts of Natural and Anthropogenic Stress Factors.	Federal Research Centre for Forestry and Forest Products. European Commission.	English	1997
11 - 5	Areal Environmental Monitoring System for Slovak Republic	SAZP, Monitoring Department	English	
11 - 6	Monitoring of effects of operation of nuclear power station to env. and health state of inhabitants MOCHOVCE	Research Institute for nuclear power stations - TRNAVA	Slovak	Jan-96
11 - 7	Monitoring and environmental analyses of social and economic situation in Banska Stiavnica Okres	Pavel Radvani Okres office in Banska Stiavnica	Slovak	
11 - 8	Geochemical mapping of env. stress by selected elements through foliar analysis	Forest Research Institute, Zvolen	English	
11 - 9	Xenobiotics in foodstuffs - Report 1995	Ministry of Environment SR	Slovak	

**CATEGORY 12: INSTITUTION**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
12 - 1	Major Activities and Program in the Center		Slovak	
12 - 2	Organizational Chart of the Center of Territorial Planning and Environmental Regionalisation		Slovak	
12 - 3	Definition of Planning Terms		Slovak	
12 - 4	Water Research Institute- Brochure	Water Research Institute, Bratislava.	Slovak/ English	1996
12 - 5	Slovak Hydrometeorological Institute- Brochure	SHMU	English	1993
12 - 6	Environmental Inspectorate- Organogram	SIZP, Water Inspectorate	English	1998
12 - 7	Structure of Nitra Kraj Office	Kraj office in Nitra	Slovak	1998
12 - 8	Structure and system of Water management in SR- Dissertation	Jan Munkaci Institute for education of forest & water, management staff, Zvolen	Slovak	18Jun97
12 - 9	Geography & Cartography Institute- Information Pack inc. Organogram	GCI Bratislava	Slovak	
12 - 10	Municipality Magazine	Inprost Ltd. Bratislava	Slovak	Feb-98
12 - 11	Central Slovak Waterworks and Sewerage, Banska Bystrica	StVac, Banska Bystrica	Slovak	May-97
12 - 12	List of Towns in Slovakia and population at 1.1.1996	SAZP	Slovak	
12 - 13	Povodie Hrona, Banska Bystrica	Povodie Hrona, Banska Bystrica	Slovak	1994

**CATEGORY 13: ENVIRONMENTAL EDUCATION**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
13 - 1	Participation in Education	Colletta and Perkins; Environmentally Sustainable Development, The World Bank.	English	Feb-95
13 - 2	National Nature reserve Maninska Tiesnava and surrounding	Vseobecna Uverova Banka	Slovak English German	
13 - 3	The World Bank Environment Department Paper Number 001 (Participation Series): Participation in Education	The World Bank	English	Feb-95
13 - 4	Environmental minimum	Brezno Mrs. Gregorova	Slovak English	
13 - 5	Enviro-Magazine	Ministry of Environment SR	Slovak	Feb 97 - Jun 98
13 - 6	Profile of the absolvent of Env. Education Study	University of MB	Slovak	
13 - 7	Evaluation of Env. Education in the centre of Environmental Education, Poniklec SEA	CEEV, SAZP	Slovak	1997
13 - 8	Education Project School 21	Kraj Office in Banska Bystrica	Slovak	Jul-97
13 - 9	Nature trails in Sulovske rocks	PLA Strazovske Hills	Slovak	
13 - 10	Nature trails and nature localities in the protected areas of	SAZP	Slovak	
13 - 11	Leaflets		Slovak	

13 - 12	Carpathian protective association of Altruists in Zvolen	K.O.Z.A. Zvolen	English	
13 - 13	Directory of Env. Education in Slovakia	Centre for Env. Education-Bambi	Slovak English	
13 - 14	Educational Trail ZOBOR	NISYS, PLA Ponitrie, SAISA	S/E	1998
13 - 15	Guide of Educational Trails	PLA Ponitrie	Slovak	1989
13 - 16	Education methodology of environmental subjects	TEMPUS Joint European Project, European Cooperation for Environmental Education	S/E	1994
13 - 17	Information for NGO's	Friends of the earth Europe	Slovak	Feb-99
13 - 18	Municipality and environment	Know how fund	Slovak	1999
13 - 19	International document on environment and nature protection	Methodical centre BB	Slovak	1998
13 - 20	City health plan of Banska Bystrica	Town office BB	S/E	1999
13 - 21	City health project of BB		Slovak	1999
13 - 22	Health profile of Banska Bystrica city	Town office BB	English	1999
13 - 23	The profile of Health Banska Bystrica	Healthy Cities Committee	English	1997
13 - 24	Annual Report 1998	Environmental partnership for central Europe	S/E	1998
13 - 25	Right for information about environment	PHARE	Slovak	1999
13 - 26	Directory of env. organization unions in Slovakia	Slovak union of nature and landscape protectors	Slovak	1994
13 - 27	Pedagogicke rozhlady /Pedagogic experiences/	Methodical centre BB	Slovak	1999
13 - 28	Annual Report	Healthy city Community foundation of BB	English	1999
13 - 29	Household ecologist	SAZP	Slovak	1998
13 - 30	Convention on access to information , public participation in decision-making and access to justice in environmental	SAZP	English	1998
13 - 31	The Environmental Partnership for Central Europe 1997 Report	Environmental partnership for central Europe	English	1997
13 - 32	Environmental education and training in SR	Mikulas Czajlji, National Biodiversity Strategy of Slovakia	English	1999
13 - 33	Bulletin of Town office in BB	Town office BB	Slovak	1999
13 - 34	Pezinske okno	Community in Pezinok	Slovak	1999
13 - 35	1998 REPORT	Environmental partnership for central Europe	English	1998
13 - 36	Proposal for network of state centres of environmental	Ministry of Environment SR	E/S	1999
13 - 37	Proposal for the Centres of Environmental Education in Slovak Republic	SAZP	English /Slovak	

#### CATEGORY 14: STATISTICS

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
14 - 1	Yearbook of Industry 1997	Statistical Office of SR	English	
14 - 2	Names of Cadastral Areas of SR 1993		Slovak	
14 - 3	Directory of towns and communities of the SR 1994	Geotext	Slovak	
14 - 4	Statistics of Okres Banska Bystrica and Brezno 1991-1996	Statistical Office of SR	Slovak	Feb-98
14 - 5	List of data at Central Statistic Office 1998	Statistical Office of SR	Slovak	
14 - 5B	Catalogue of Publications 1998	Statistical Office of SR	English	Feb-98
14 - 6	Statistics of Water 1997		Slovak	
14 - 7	Statistics of Okres Banska Stiavnica, Zarnovica, Ziar nad Hronom 1991-1996	Statistical Office of SR	Slovak	1997
14 - 8	Statistics of Okres Detva and Zvolen 1991-1996	Statistical Office of SR	Slovak	1997
14 - 9	Statistical Information Banska Bystrica Region 1997		Slovak	1998
14 - 10	Bulletin of Statistical Office Banska Bystrica Region 1997		Slovak	1998
14 - 11	Banska Bystrica Region Tables and Graphs 1996-1997		Slovak	1998
14 - 12	Some Tables from Population Census 1991		Slovak	1991
14 - 13	Evaluation of Completion of Project for Restructuring Agricultural Production	Regional Agriculture and Food processing Office	Slovak	1998
14 - 14	The Region of Nitra -selected indicators- 1997	Regional Dept. of the Statistical Office of SR in Nitra	Slovak	1998
14 - 15	Bulletin 4/1997 Nitra Region (Statistical)	Kraj Administration Statistical Office of SR (SUSR), Nitra	Slovak	1998
14 - 16	Selected indicators for Nitra Kraj 1st half 1997	Kraj Administration Statistical Office of SR (SUSR), Nitra	Slovak	
14 - 17	Statistical Information 1996	Okres department of Statistical Office of SR, Nitra	Slovak	1995
14 - 18	Agriculture	VUPOP	English	-

14 - 19	Statisticka Rocenka - o Podnon Fonde v SR Podia Udajov Katastra Nehnutelnosti - Annual Statistic report about Soil	VUPOP	Slovak	Mar-96
14 - 20	Method for soil and soil-geochemical maps creation	VUPOP	Slovak	1997
14 - 21	Statistical Yearbook of SR 1996	Statistical office of SR	English / Slovak	1996
14 - 22	Statistical Yearbook of SR 1997	Statistical office of SR	English / Slovak	1997
14 - 23	Energy 1997	Statistical office of SR	E/S	1998
14 - 24	Slovak construction in 1997	Statistical office of SR	E/S	1998
14 - 25	Selected indicators of industrial organisations and development of production in industrial branches, 12/1998	Statistical office of SR	E/S	1999
14 - 26	Selected indicators of industrial organisations and development of production in industrial branches, 10/1998	Statistical office of SR	E/S	1998
14 - 27	Selected indicators of industrial organisations and development of production in industrial branches, 9/1998	Statistical office of SR	E/S	1998
14 - 28	Selected indicators of industrial organisations and development of production in industrial branches, 7/1998	Statistical office of SR	E/S	1998
14 - 29	Selected indicators of industrial organisations and development of production in industrial branches, 6/1998	Statistical office of SR	E/S	1998
14 - 30	Employment in SR, in Kraj and Okres	Statistical office of SR	E/S	1998
14 - 31	Regional comparisons in the Slovak Republic, 1997	Statistical office of SR	E/S	1998
14 - 32	Results of annual surveys on industry of SR by enterprises and establishments, 1997	Statistical office of SR	E/S	1998
14 - 33	Yearbook of Construction 1998	Statistical office of SR	E/S	1998
14 - 34	SR in figures 1998	Statistical office of SR	E/S	1998
14 - 35	Statistical Yearbook of SR 1998	Statistical office of SR	E/S	1998
14 - 36	Blank			
14 - 37	Agriculture in the Slovak republic /selected indicators in 1970-	Statistical office of SR	E/S	1998
14 - 38	Final data on crop of agricultural plants, 1998	Statistical office of SR	Slovak	1999
14 - 39	Environment in the Slovak republic /selected indicators in 1993-1997/	Statistical office of SR	E/S	1998
14 - 40	Yearbook of industry 1998	Statistical office of SR	E/S	1998

#### CATEGORY 15: SOLID WASTE

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
15 - 1	Waste management in SR till 2000 Programme	Ministry of Environment of SR	English	Sep-96
15 - 2	Report of potential for biomass energy in Redis area	GHK International; Know-how fund	English	1998
15 - 3	Sub-regional Solid Waste Strategy and Investment Plan (Draft), Regional.	Regional Development and Institutional Strengthening Project (REDISP), GHK	English	1999
15 - 4	Economic evaluation of landfills, ENV 3	Regional Development and Institutional Strengthening Project (REDISP), GHK	English	1999
15 - 5	Waste management Programme in Nitra Kraj till 2000	Kraj Office in Nitra	Slovak/ English	1997
15 - 6	The Waste Management Programme of the Banska Bystrica Region	Kraj Office of Banska Bystrica	Slovak/ English	1997
15 - 7	The Waste Management Programme of the Banska Bystrica District	Okres Office	Slovak/ English	1997
15 - 8	The Waste Management Programme of the Banska Stiavnica District	Okres Office	Slovak/ English	1997
15 - 9	The Waste Management Programme of the Brezno District	Okres office	Slovak/ English	1997
15 - 10	The Waste Management Programme of the Detva District	Okres Office	Slovak/ English	1997
15 - 11	The Waste Management Programme of the Levice District	Okres Office	Slovak/ English	1997
15 - 12	The Waste Management Programme of the Nove Zamky	Okres Office	Slovak/ English	1997
15 - 13	Waste management Programme in Okres- Zlate Moravce till	Okres Office	Slovak/ English	1997
15 - 14	The Waste Management Programme of the Zvolen District	Okres Office	Slovak/ English	1997
15 - 15	The Waste Management Programme of the Zarnovica District	Okres Office	Slovak/ English	1997
15 - 16	The Waste Management Programme of the Ziar nad Hronom District	Okres Office	Slovak/ English	1997
15 - 17	Council Directive 1999/31/EC of 26 april 1999 on the landfill of waste	Official Journal L 182, 16/07/99 pp. 0001-0019	English	1999
15 - 18	Questionnaires from REMP study area districts concerning the waste management issues	JICA Study Team	English	May-99
15 - 19	Role of the environmental impact assessment process in the struggle for a municipal landfill in Banska Bystrica city	Jaroslav Schwarz	English	1999

**CATEGORY 16: SOIL**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
16 - 1	Journal of Geochemical Explanation	Elsevier	English	1997
16 - 2	Agricultural Soils, Facts & Figures	VUPOP	English	1997
16 - 3	Monitoring of Soils in SR Present condition of monitored soils	VUPOP	S/E	1997
16 - 4	Methodology for creation of soil and soil-geochemical	VUPOP	Slovak	1997
16 - 5	Soil Fertility Research Institute General Information	VUPOP	English	1997
16 - 6A	From Soil Survey to Sustainable Farming' - Proceedings of the Soil Fertility Research Institute Conference 1995 19/1	VUPOP	English	1995
16 - 6B	From Soil Survey to Sustainable Farming' - Proceedings of the Soil Fertility Research Institute Conference 1995 19/II	VUPOP	English	1996
16 - 7	Report on agriculture and food industry in SR, 1997	Ministry of Agriculture	Slovak	Oct-97
16 - 8	Nitrate in agricultural soil in Slovakia	VUPOP	Slovak	1998
16 - 9	Soil Monitoring in Slovak Republic The State of Monitored Soil Properties 1992-1996.	VUPOP	Slovak	1997
16 - 10	Proceedings of the Soil Fertility Research Institute Conference, 1998	VUPOP	S/E	1998
16 - 11	Agriculture - journal for agricultural sciences	Ministry of Agriculture	S/E	1998
16 - 12	Law on protection of agricultural soil fund	AMinistry of Ariculture	Slovak	1992
16 - 13	Review of Ministry of agriculture of SR	Ministry of Agriculture	Slovak	1994
16 - 14	Dangerous elements in agroecologic conditions of the Upper Nitra region	University of Agriculture in Nitra	Slovak	1994
16 - 15	Mineralia Slovaca 2/31/99	Journal of the Slovak Geogical Society and Slovak Geological	English	1999

**CATEGORY 17: PROJECTS**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
17 - 1	Public Conditions and Basis for Public Competition No.3/98 for Action Documentation Delivery: "Zeliezovce, Ecological Water Management Systems on River Hron"	SVP	Slovak / English	1998
17 - 2	Investicny Program na rok 1998		Slovak	
17 - 3	Improving health condition in Levice region		Slovak/ English	
17 - 4	Local Studies of air quality in Bratislava and Kosice , National needs assessment of air pollution. Final Report	PIIARE EU/93/air/22	English	
17 - 5	Project implemented 1997 from Ministry of Environment	Ministry of Environment SR	Slovak	1997
17 - 6	On going Projects in Hron Area	Ecotrust Banska Stiavnica for Min of ENV	Slovak	1998
17 - 7	Permanent monitoring areas of biota situated in Hron Basin	Ecotrust Banska Stiavnica for Min of ENV	Slovak	1995
17 - 8	Investment funding - Kremnica and surrounds, Banska	REDIS	Slovak	1999
17 - 9	Water supply and sewerage for Kremnica and Banska	REDIS	English	1999

**CATEGORY 18: OTHER MANAGEMENT PLANS**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
18 - 1	National Rivers Authority Thames Region Catchment Planning- West. River Thames (Benson to Hurley) Pang and Wye, Catchment Review.	WS Atkins, National Rivers Authority	English	Dec-94
18 - 2	Taw Torridge- Estuary Management plan	WS Atkins	English	Dec-93
18 - 3	River Thames Recreation Strategy, Non tidal Thames. Draft for Consultation.	National Rivers Authority; Sports Council.	English	1995
18 - 4	Subregional land use Plans for the Southern Region	WS Atkins International	English	March90
18 - 5	Upper Thames Catchment Management plan- Action Plan +Summary Leaflet	National Rivers Authority	English	Jan-96
18 - 6	Local Environment Agency Plan Fal and St. Austell Streams	Environment Agency	English	Mar-97
18 - 7	River Cherwell Catchment Management Plan. Consultation Report. Summary Leaflet.	NRA	English	Apr-95
18 - 8	UK/ Hungarian Workshop on Flood Defence: Technical session 8, Integrated Catchment Planning	John Gardiner, National Rivers Authority	English	Sep-93



18 - 9	Watershed Management Approaches Gains with States	Environmental Science and Technology, Vol. 31, No 7 pp. 322-	English	1997
18 - 10	UK / Hungarian Workshop on Flood Defence	Budapest	English	Sep-93
18 - 11	International Symposium on EIA in Water Management	Bruges, Belgium	May-95	
18 - 12	River Projects and Conservation - A Manual for Holistic	Edited by John L. Gardiner	English	1991
18 - 13	Journal of Environmental Planning and Management, Vol. 38, No1: Special Issue - The NERC/ESRC Land Use Modelling Programme (NELUP)	Journal of Environmental Planning and Management; University of Newcastle upon Tyne	English	1995
18 - 14	Catchment Management Plan for Dorset Stour - Action	National Rivers Authority	English	
18 - 15	Catchment Management Plan for Dorset Stour - consultation	National Rivers Authority	English	
18 - 16	Local Environment Agency Plan for East Hampshire	Environment Agency	English	
18 - 17	Catchment Management Plan for Falmouth Bay - Annual Review III	National Rivers Authority	English	
18 - 18	Catchment Management Plan for Warwickshire Avon - Action	National Rivers Authority	English	
18 - 19	Transitional Government of Ethiopia - Ethiopian Valleys Development Studies Authority	Richard Woodroffe & Associates	English	
18 - 20	River Thames Recreation Strategy (Non-Tidal Thames) - Draft for Consultation	National Rivers Authority / Sports Council	English	
18 - 21	Isle of Wight Catchment Management Plan - Consultation	National Rivers Authority	English	May-95
18 - 22	National Rivers Authority Thames Region Catchment Planning - West: River Thames (Benson to Hurley) Pang and Wye Catchment Review	WS Atkins	English	Dec-94
18 - 23	River Medway Catchment Management Plan Phase I	National Rivers Authority	English	Dec-91
18 - 24	Upper Thames Catchment Management Action Plan	National Rivers Authority	English	Jan-96
18 - 25	National Environmental Action Plan, ESTONIA	Estonian Ministry of Environment, WSA, PHARE	English	1998
18 - 26	Methodology for the development of the Estonian National Environmental Action Plan	WSA	English	Oct-97
18 - 27	Local Environment Agency Plan: Dorset Stour Action Plan	Environment Agency (UK)	English	Jan-98
18 - 28	Local Environment Agency Plan: Dorset Stour Consultation	Environment Agency (UK)	English	Jan-97
18 - 29	Strategic Guidelines Final Report: Falmouth Bay and Estuaries Initiative	Falmouth Bay & Estuaries Initiative Partnership	English	Mar-97
18 - 30	Local Environment Agency Plan: East Suffolk Consultation	Environment Agency (UK)	English	Jun-97
18 - 31	Local Environment Agency Plan, East Suffolk: Summary of Public Consultation Responses June 1997 - October 1997	Environment Agency (UK)	English	Mar-98
18 - 32	Local Environment Agency Plan: East Suffolk - Action Plan	Environment Agency (UK)	English	Mar-98
18 - 33A	Local Environment Agency Plan - North Essex, Consultation	Environment Agency (UK)	English	Feb-98
18 - 33B	Local Environment Agency Plan - North ESSEX - Consultation Report Summary Leaflet.	Environment Agency (UK)	English	Feb-98
18 - 33C	Local Environment Agency Action Plan: The Facts North Essex - The Facts in Brief	Environment Agency (UK)	English	Feb-98
18 - 34	Local Environment Agency Plan: Warwickshire Avon Consultation Report	Environment Agency (UK)	English	Feb-98
18 - 35	North Norfolk Local Environment Agency Plan- First Annual Review April 1997-June 1998	Environment Agency (UK)	English	Jun-98
18 - 36	An Environmental Strategy for the Millenium and Beyond	Environment Agency (UK)	English	
18 - 37	Warwickshire Avon Catchment Management Plan- First Annual Review October 1994- October 1995	National Rivers Authority (UK)	English	Oct-95
18 - 38	Local Environment Agency Plan Guidance Version 3a	Environment Agency (UK)	English	1998
18 - 39	Local Environment Agency Plan - Warwickshire Avon - Action Plan	Environment Agency (UK)	English	1998
18 - 40	River Basin Management and Planning - institutional structures, approaches and results in five European countries and six international basins	RBA Centre, Delft University of Technology; Commission of the European Union DG XII	English	1999

#### CATEGORY 19: LEGISLATION

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
19 - 1	Statute of the Slovak Environment Agency	Ministry of Environment SR	English	Jul-97
19 - 2	Generally Obligatory Regulations within the Responsibility of Ministry of Environment of the Slovak Republic	Ministry of Environment SR - Internal Document	English	Jan-98
19 - 3	Regulation of the Ministry of the Environment of the Slovak Republic on the Specification of Areas Requiring Special Protection of the Atmosphere, and on Operation of Smog Warning and Control Systems	Ministry of Environment SR	English	Apr-93

19 - 4	Regulation of the Government of the Slovak Republic which Sets up Indicators for Permissible Water Pollution Levels	Government of Slovak Republic		Oct-93
19 - 5	Ministry of Environment: Structure	Government of Slovak Republic		
19 - 6	Government of Slovak Republic: Structure	Government of Slovak Republic		
19 - 7	Environmental Inspectorate: Organogram	Government of Slovak Republic		
19 - 8	Act No. 287/1994 of the National Council of the Slovak Republic on the Preservation of Nature and Landscape	Government of Slovak Republic	English	1994
19 - 9	STN 75 7221 Classification of Surface Water Quality	Government of Slovak Republic	English	Jul-90
19 - 10	Environmental Impact Assessment Act	Ministry of Environment SR	English	Apr-94
19 - 11	Act 100/1997 of the Slovak Republic - On the Management in Forests and State Administration of Forestry	Government of Slovak Republic	English	
19 - 12	Methodology Handbook of Ministry of Environment of Recommendations for organisations of Nature Protection by growing the special protected species of animals	Ministry of Environment SR	Slovak	Jul-98
19 - 13	Act of the National Council of the Slovak Republic of February 6th, 1998 on State Environmental Fund	National Council of the Slovak Republic	English	Feb-98
19 - 15	Regulation of the Ministry of the Environment of the Slovak Republic by which a list of protected areas and natural landmarks in the Slovak Republic are Declared	Ministry of Environment SR	English	September 30 1996
19 - 16	Law on Municipal Establishment 481/1992	Slovakian National Government	Slovak/ English	1992
19 - 17	46/1978 Order of the Government of the Slovak Socialist Republic on Preserved Area of Natural Accumulation of the Water on Zitny ostrov. Amendment 52/1981	Government of the Slovak Socialist Republic	English	1981
19 - 18	31/1975 Governmental Order of the Slovak Socialist Republic on Penalties for infringing of obligations provided in the section of water management.	Government of the Slovak Socialist Republic	English	1975
19 - 19	117/1976 The Regulation of the Ministry of Forest and Water Management of the Slovak Socialist Republic on Slovak Water Management Inspection	The Ministry of Forest and Water Management of the Slovak Socialist Republic.	English	1976
19 - 20	13/1987 Order of the Government of the Slovak Socialist Republic on some Preserved Areas of Natural Accumulation	The Government of the Slovak Socialist Republic	English	1987
19 - 21	Governmental Order no. 155 of the Government of the Slovak Republic on payment for mining reservation and on payment for mined minerals	The Government of the Slovak Republic	English	1994
19 - 22	Act no. 44/1988 on protection and utilisation of mining resources (Mining Act). Amendment 498/1991	Federal Assembly of the Czechoslovak Socialist Republic	English	1991
19 - 23	Regulation of the Ministry of the Environment of the Slovak Republic on Designing, Carrying and Evaluating of Geological Works	The Ministry of Environment SR	English	1993
19 - 24	295/1996 Regulation of the Ministry of the Environment of the Slovak Republic under which some provisions of the Act of the National Council of the Slovak Republic Concerning Nature and Landscape Preservation are Performed	The Ministry of the Environment SR	English	1996
19 - 25	211/1958 Order of Commission for Education and Culture by which the Protected Plant Species and Conditions of their Protection are Determined. Amendment 287/1994	The Commission for Education and Culture SR	English	1994

#### CATEGORY 20: INDUSTRY

No. (Cat No. - Item No.)	Title	Published Organization / Author	Language	Published Date
20 - 1	Environmental Guidelines	Environment Department, The World Bank	English	Sep-88
20 - 2	Petrochema - leaflet	Petrochema- Dubova	Slovak /English /German	
20 - 3	ZSNP- MAG Ziar nad Hronom ,6th Public Meeting-16 June 1998	Sembera, I; Transform Programme of the German Federal Government for Central and Eastern Europe; European Bank for Reconstruction and Development	English	Jul-98
20 - 4	Petrochema Dubova, Annual Report 1997	Petrochema Dubova	S/E	Mar-98
20 - 5	Environmental measures in ZSNP in Ziar nad Hronom	Z SNP Ziar nad Hronom	S/E	Jan-96
20 - 6	Environments in Transition, SLOVALCO aluminium smelter - a model of modernization	European Bank for Reconstruction and Development	English	Jan-98
20 - 7	Annual report Z-SNP 1997 in Ziar nad Hronom	Z SNP Ziar nad Hronom	Slovak	1997
20 - 8	Petrochema Dubova- Company Details	Petrochema Dubova	English	Jun-05
20 - 9	Industrial Policy of SR 1995		Slovak	
20 - 10	Petrochema Dubova - Annual Report 1997	Petrochema Dubova	Slovak/ English	1997

**CATEGORY 21: HEALTH**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
21 - 1	Risk Assessment/ Risk Management Demonstration Project in SR	SAZP	English	
21 - 2	Zdravotno-hygienicka charakteristika of Banska Bystrica Okres- Health-Hygienic characteristic of Banska Bystrica	Specializovany statny zdravotny ustav Banska Bystrica	Slovak	1997
21 - 3	Monitoring of noise from transport in NITRA 1995-1996	State Health Office in NITRA	Slovak	
21 - 4	Demography and public health in Hron river Basin	provided by SAZP	Slovak/English	
21 - 5	Healthy City Plan- Banska Bystrica		Slovak	

**CATEGORY 22: WATER MANAGEMENT**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
22 - 1	Report on Water Management in the Slovak Republic, 1997 (Green Report)	Ministry of Agriculture, Food, Forestry and Water Management	English	Oct-97
22 - 2	Danube Environmental Programme Hron River Basin Pre- Investment Study sub-project: water quality and decision support system	Water Research Institute; Delft Hydraulics; Directorate General for Public Works and Water	English	Nov-94
22 - 3	Danube Environmental Programme Hron River Basin Pre- Investment Study Main Report	Water Research Institute; Delft Hydraulics; Directorate General for Public Works and Water	English	Dec-94
22 - 4	Dams in Slovakia	D. Abaffy, M. Lukac, M Liska	English	1995
22 - 5	Themes in Resource Management: Water Resources Issues and Strategies	A. T. McDonald, D. Kay	English	1988
22 - 6	Meteorology and Climatology Bulletin No 8,7,6	SHMU	Slovak / English	
22 - 7	Improvement of Hron Discharge - Summary Evaluation	Ekospol Banska Bystrica, Ekorozvoj Bratislava	Slovak	Dec-94
22 - 8	Solution of ecological effect of Water Reservoir Velke	Stavoprojekt,B.B.	Slovak	Nov-91
22 - 9	Ecological Conception of water management aims on the lower Hron between Velke Kozmalovce and Kamenin	Stavoprojekt,B.B.	Slovak	Mar-92
22 - 10	Environmental Programme for the Danube River Basin	Ministry of the Environment SR	English	Mar-94
22 - 11	General Project of Protection Rational utilisation of Water (National Water Master Plan)	Ministry of the Environment SR, etc	Slovak / English	1995
22 - 12	Water Reservoirs around Banska Stiavnica	Povodie Hrona	Slovak	1996
22 - 13	Water Management of Hron River between Velke Kozmalovce and Kamenin	Ekorozvoj, Bratislava	Slovak	Mar-92
22 - 14	Hydro-Ecological Plan 1998-1999	Povodie Hrona	English	1998

**CATEGORY 23: INFRASTRUCTURE**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
23 - 1	Pamphlet of Roads of Slovakia (M of Transport)	Ministry of Transport	Slovak	
23 - 2	Pamphlet of Roads Administration (M of Transport)	Ministry of Transport	Slovak	

**CATEGORY 24: TOURISM AND HERITAGE**

No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
24 - 1	Mapa turistických zaujímavostí/ The map of Interesting Places	Vojensky kartografický ústav	Slovak/English/German	1996
24 - 2	The Upper Hron River Valley	Pohronie Foundation	English	1994
24 - 3	Upper Pohronie and Podpolanie - the detailed Atlas of Region	Mapa Slovakia	Slovak/English/German	1997
24 - 4	Tajchy- Banska Stiavnica	Ban. Stiavnica, Ministry of Agriculture and Povodie Hrona B.B.	English/ Slovak	1997
24 - 5	Banska Stiavnica, World Cultural Heritage	Patrimoine mondial World Heritage, UNESCO; Pamiatkový ústav,	English	1995
24 - 6	Banska Stiavnica.	JUDr Stefan Gemersky	Slovak/English/German	
24 - 7a	Vitajteunas, Podpolanie	Slovenska agentura pre cestovny ruch	Slovak	1997
24 - 7b	Welcome, Podpolanie.	Slovak Tourist Board	English	1997

24 - 8	Slovakia- Museums and Galleries- Guide Book	Slovak National Museum Bratislava 1994	English	Jan-94
24 - 9	Guide of educational trails - Stozok	Priroda, publisher	Slovak	1991
24 - 10	Okres Brezno Tourism Leaflet	Slovenska Poistovna	Slovak / English / German	1998
24 - 11	Banska Bystrica Tourism Leaflet	Slovak Agency for Tourism	English	
24 - 12	Tourist Leaflets Misc. Hron area/Detva etc.		Slovak	
24 - 13	Slovak SPAS	Slovak Agency for Tourism	English	
24 - 14	Nitra- Tourist leaflet	NISYS Nitra	French	1995
24 - 15	Detva Tourist leaflet	Okres Office Zvolen	Slovak	1981
24 - 16	1. Project Documentation for Traditional Folk and Urban Architecture in Slovakia	National Monuments and Landscape Center; Programme for Conservation and Utilization of Traditional Folk Architecture in the Regions of	Slovak	May-98
24 - 17	Informeter XIX (Information Bulletin)	Archive of National Monument and Landscape Center		May-98
24 - 18	Tourism development strategy for the Stredne Pohronic region	REDIS (Regional Development and Institutional Strengthening Project), GHK International	English	Feb-99
24 - 19	Tourism component - Action plan	REDIS, GHK International	English	Nov-97
24 - 20	Promotional Forest Complexes	General Directorate of the State	English	1996

#### CATEGORUY 99: OTHERS

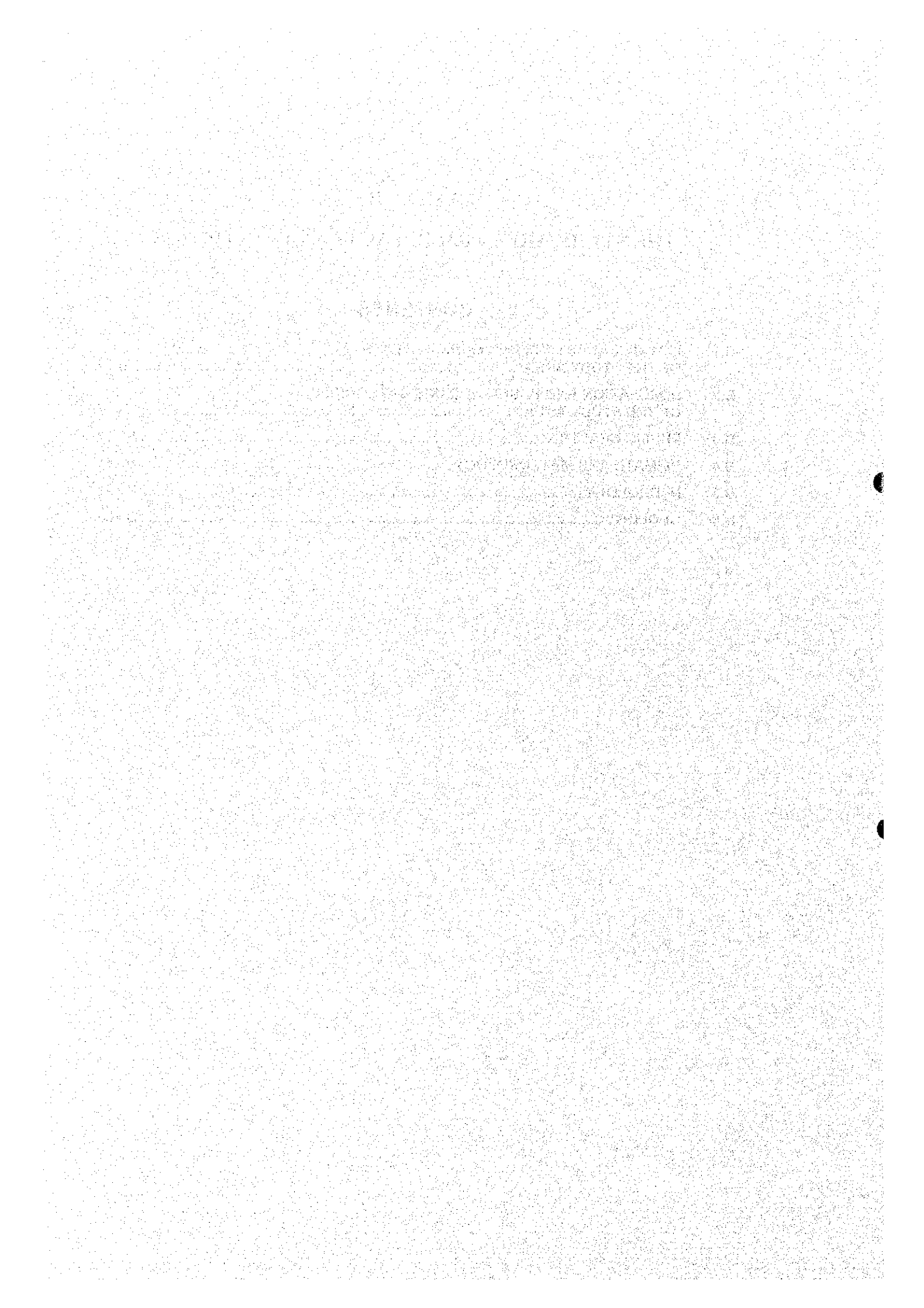
No. (Cat. No. - Item No.)	Title	Published Organization / Author	Language	Published Date
99 - 1	Slovensko-anglicky Techniky - Technical S/E Dictionary	Tranel	Slovak / English	1995
99 - 2	Map of okres Detva	Cartographic company Bratislava	Slovak	1997
99 - 3	Pohronie- map no.8	Army cartographic institute,	Slovak	1997
99 - 4	Polana Map	Army cartographic institute,	Slovak	1997
99 - 5	Gemer - Novohrad - Podpolanie Map	Army cartographic institute,	Slovak	1997
99 - 6	Kysuce - Horné Povazie - Turiec - Map	Army cartographic institute,	Slovak	1997
99 - 7	Orava - Liptov - Horehronie Map	Army cartographic institute,	Slovak	1997
99 - 8	Podpolanie	Acra BB	S/E	1997
99 - 9	Banska Bystrica center map	OSCR BB	Slovak	1997
99 - 10	Bulletin Meteorologia a Klimatologia	SHMU	Slovak	1997

## ANNEX B

### THE STUDY AREA - BASIC FACTS AND STATISTICS

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**B.1 LIST OF CADASTERS AND MUNICIPALITIES OF THE STUDY AREA**

KRAJ & OKRES	Obec / Mesto	Reply Status	JICA ID	Cadaster	
Banskobystrický Kraj Banská Bystrica	Badin	N	67	Badin	
	Balaze	N	27	Balaze	
	Banská Bystrica (M)		Y	38	Banská Bystrica
					Kostiviarska
					Kremnická
					Podlavice
					Radvan
					Rakytovce
					Salkova
					Sasova
		Senica Pri Banskej Bystrici			
		Ulanka			
	Brusno	N	8	Brusno	
	Cerin		N	77	Cacin
					Cerin
	Dolná Micina	N	78	Dolná Micina	
	Dolný Harmanec	Y	9	Dolný Harmanec	
	Donovaly	N	7	Donovaly	
	Dubravica	N	80	Dubravica	
	Harmanec	Y	37	Harmanec	
	Hiadel	N	19	Hiadel	
	Horná Micina	N	68	Horná Micina	
	Horné Prsany	N	71	Horné Prsany	
	Hrochot	Y	87	Hrochot	
	Hronsek	Y	89	Hronsek	
	Kordiky	Y	42	Kordiky	
	Kraliky	N	58	Kraliky	
	Kyncelova	N	56	Kyncelova	
	Lubietova	Y	52	Lubietova	
	Lucatin	N	40	Lucatin	
	Malachov	Y	63	Malachov	
	Medzibrod	Y	29	Medzibrod	
	Molca	Y	65	Molca	
	Mostenica	N	25	Mostenica	
	Motycky	N	11	Motycky	
	Nemce	N	41	Nemce	
Oravce	Y	73	Oravce		
Podkonice	Y	22	Podkonice		
Pohronský Bukovec	Y	16	Pohronský Bukovec		
Poniky	Y	60	Poniky		
Povrazník	N	69	Povrazník		
Priečhod	N	36	Priečhod		
Riečka	N	46	Riečka		
Sebedín - Becov		Y	94	Becov	
				Sebedín	
Selce	N	34	Selce		
Slovenská Lupča	N	43	Slovenská Lupča		
Spania Dolina	Y	32	Spania Dolina		
Stare Hory	N	12	Stare Hory		
Strelniky	N	66	Strelniky		
Tajov	N	51	Tajov		
Turecka	N	13	Turecka		
Vlkanova	N	75	Vlkanova		

Note: The column of "Reply Status" indicates whether or not Obec / Mesto sent the reply in the questionnaire survey conducted in the current study in July / August 1998.

Y: Yes N: No

KRAJ & OKRES	Obec / Mesto	Reply Status	JICA ID	Cadaster
Banskobystricky Kraj Banska Stiavnica	Banska Bela	Y	149	Banska Bela
	Banska Stiavnica (M)	N	153	Banska Stiavnica
	Bansky Studenec	N	160	Bansky Studenec
	Dekys	N	173	Dekys
	Kozelnik	N	137	Kozelnik
	Mociar	N	126	Mociar
	Pocuvadlo	Y	175	Pocuvadlo
	Podhorie	N	139	Tepla Zakyl
	Stiavnicke Bane	Y	164	Stiavnicke Bane
Vysoka	N	166	Vysoka	
Banskobystricky Kraj Brezno	Bacuch	N	15	Bacuch
	Benus	Y	23	Benus
	Bravacovo	Y	21	Bravacovo
	Brezno (M)	Y	4	Brezno
	Bystra	Y	5	Bystra
	Cierny Balog	Y	50	Cierny Balog
	Dolna Lehota	N	1	Dolna Lehota
	Helpa	Y	14	Helpa
	Horna Lehota	Y	3	Horna Lehota
	Hronec	N	44	Hronec
	Jaraba	N	6	Jaraba
	Jasenie	Y	2	Jasenie
	Michalova	N	47	Michalova
	Myto Pod Dumbierom	N	26	Myto Pod Dumbierom
	Nemecka	Y	30	Nemecka
	Osrblie	Y	53	Osrblie
	Podbrezova	Y	35	Podbrezova
	Pohorela	N	18	Pohorela
	Pohronska Polhora	Y	54	Pohronska Polhora
	Polomka	Y	10	Polomka
	Predajna	N	31	Predajna
	Raztoka	Y	28	Raztoka
	Sihla	Y	88	Sihla
	Sumiac	Y	24	Sumiac
	Telgart	N	20	Telgart
Valaska	Y	33	Valaska	
Valkovna	Y	39	Valkovna	
Zavadka Nad Hronom	Y	17	Zavadka Nad Hronom	
Banskobystricky Kraj Detva	Detva (M)	Y	109	Detva
	Detvianska Huta	Y	127	Detvianska Huta
	Dubravy	N	111	Dubravy
	Hrinova (M)	Y	98	Hrinova
	Klokoc	N	152	Klokoc
	Korytarky	N	138	Korytarky
	Krivan	N	146	Krivan
	Slatinske Lazy	N	151	Slatinske Lazy
	Stara Huta	N	157	Stara Huta
	Stozok	Y	142	Stozok
	Viglas	Y	131	Viglas
Viglasska Huta - Kalinka	N	155	Viglasska Huta - Kalinka	
Banskobystricky Kraj Revuca	Muran	N	49	Muran



KRAJ & OKRES	Obec / Mesto	Reply Status	JICA ID	Cadaster
Banskobystrický Kraj Zarnovica	Hodrusa - Hamre	Y	156	Banska Hodrusa Dolne Hamre Kopanice
	Horne Hamre	N	136	Horne Hamre
	Hrabicov	N	120	Hrabicov
	Hronsky Benadik	N	179	Hronsky Benadik Psiare
	Klak	N	92	Klak
	Mala Lehota	N	132	Mala Lehota
	Nova Bana (M)	N	148	Brehy Nova Bana
	Orovnica	N	171	Orovnica
	Ostry Grun	N	100	Ostry Grun
	Pila	N	113	Pila Pri Zarnovici
	Rudno nad Hronom	N	163	Rudno nad Hronom
	Tekovska Breznica	Y	174	Tekovska Breznica
	Velka Lehota	Y	150	Velka Lehota
	Velke Pole	N	114	Velke Pole
	Voznica	Y	158	Voznica
	Zarnovica (M)	Y	135	Revistske Podzamcie Zarnovica Zarnovicka Huta
	Zupkov	Y	121	Zupkov
Banskobystrický Kraj Ziar nad Hronom	Bartosova Lehotka	N	82	Bartosova Lehotka
	Bzenica	N	125	Bukovina Pri Bzenici Bzenica
	Dolna Trnavka	N	119	Dolna Trnavka
	Dolna Ves	N	79	Dolna Ves
	Dolna Zdana	Y	124	Dolna Zdana
	Hlinik Nad Hronom	N	129	Hlinik Nad Hronom
	Horna Zdana	Y	108	Horna Zdana
	Hronska Dubrava	N	112	Hronska Dubrava
	Ihrac	N	72	Ihrac
	Janova Lehota	N	70	Janova Lehota
	Jastraba	N	84	Jastraba
	Kopernica	N	62	Kopernica
	Kosorin	Y	64	Kosorin
	Krahule	Y	55	Krahule
	Kremnica (M)	Y	57	Horna Ves Pri Kremnici Kremnica
	Kremnicke Bane	N	48	Kremnicke Bane
	Kunesov	N	45	Kunesov
	Ladomerska Vieska	N	115	Ladomer Vieska Pri Ziari nad Hronom
	Lehotka Pod Brehmi	Y	128	Lehotka Pod Brehmi
	Lovca	N	110	Lovca
	Lovcica - Trubin	N	83	Lovcica Trubin
	Lucky	N	61	Lucky Pri Kremnici
	Lutila	N	85	Lutila
	Nevolne	N	74	Nevolne
	Pitelova	N	103	Pitelova
	Prestavky	N	101	Horna Trnavka Prestavky
	Prochot	N	90	Prochot
	Repiste	Y	134	Repiste
	Sklene Teplice	N	133	Sklene Teplice
	Slaska	N	59	Slaska
	Stara Kremnicka	N	91	Stara Kremnicka
	Trnava Hora	Y	99	Jalna Klacany Pri Trnavej Hore Trnava Hora
	Vyhne	Y	140	Banky Pri Vyhniach Vyhne
	Ziar nad Hronom (M)	N	105	Horne Opatovce Sasovske Podhradie Ziar nad Hronom

KRAJ & OKRES	Obec / Mesto	Reply Status	JICA ID	Cadaster
Banskobystrický Kraj Zvolen	Babina	Y	165	Babina
	Bacurov	N	143	Bacurov
	Breziny	N	141	Breziny
	Budca	N	118	Budca
	Dobra Niva	N	154	Dobra Niva
	Dubove	N	147	Dubove Pri Zvolene
	Hronska Breznica	N	123	Hronska Breznica
	Kovacova	Y	106	Kovacova
	Lieskovec	N	116	Lieskovec
	Lukavica	N	93	Lukavica
	Michalkova	N	145	Michalkova
	Ocova	N	95	Ocova
	Ostra Luka	N	130	Ostra Luka
	Pliesovce	Y	161	Pliesovce
	Podzamcok	N	144	Podzamcok
	Sasa	Y	162	Sasa
	Sielnica	N	76	Sielnica
	Sliac (M)	Y	86	Hajniky
				Rybare
				Sampor
	Velka Luka	Y	96	Velka Luka
				Budicka
	Trnie	N	97	Kasova Lehotka
				Trnie
	Turova	N	107	Turova
	Zelezna Breznica	Y	81	Zelezna Breznica
				Kralova
Lukove				
Motova				
Zvolen (M)	Y	104	Zolna	
			Zvolen	
			117	
Zvolenska Slatina	N	122	Slatinka	
			Zvolenska Slatina	
Nitriansky Kraj Levice	Bajka	N	216	Bajka
	Batovce	N	189	Batovce
				Jalaksova
	Bohunice	Y	181	Bohunice
	Cajkov	N	183	Cajkov
	Caka	N	234	Caka
	Cata	N	248	Cata
	Devicany	N	182	Dolne Devicany
				Horne Devicany
	Dolna Sec	N	209	Dolna Sec
	Dolny Prial	N	220	Dolny Prial
	Drzenice	N	193	Drzenice
				Kmetovce
	Farna	Y	236	Farna
	Hontianska Vrbica	Y	219	Hontianska Vrbica
	Horna Sec	N	206	Horna Sec
	Horny Prial	Y	214	Horny Prial
				Cajakovo
	Hronovce	N	239	Domasa
				Vozokany nad Hronom
				Hronske Klacany
	Hronske Kosihy	Y	196	Hronske Kosihy
	Ina	Y	208	Ina
	Jablonovce	Y	180	Dolne Jablonovce
				Horne Jablonovce
	Jesenske	N	210	Jesenske
	Jur nad Hronom	Y	223	Jur nad Hronom
	Kalna nad Hronom	Y	191	Kalna
				205
				Kalnica
	Mochovce	Y	243	Mochovce
				Ket
	Kozarovce	Y	185	Kozarovce
Krskany	N	203	Male Krskany	
			Velke Krskany	

KRAJ & OKRES	Obec / Mesto	Reply Status	JICA ID	Cadaster
Nitriansky Kraj Levice	Kukucinov	N	229	Kukucinov
	Kuralany	N	241	Maly Pesek Kuralany
	Levice (M)	Y	200204	Cankov
				Horsa
				Kalinciakovo
	Lok	N	207	Levice Maly Kiar Lok
	Malas	N	232	Malas
	Male Ludince	N	190	Male Ludince
	Mytne Ludany	N	245	Mytne Ludany
	Nova Dedina	N	211	Gondovo
			187	Opatova
	Novy Tekov	Y	195	Tekovska Nova Ves
				Marusova
	Nyrovice	Y	237	Novy Tekov Nyrovice
	Ondrejovce	N	221	Ondrejovce
	Pastovce	N	247	Pastovce
	Pecenice	Y	192	Pecenice
	Plave Vozokany	Y	227	Medvecko
				Plave Vozokany
	Podluzany	N	199	Podluzany
	Pohronsky Ruskov	N	246	Pohronsky Ruskov
	Pukanec	N	177	Pukanec
	Rybnik	Y	184	Rybnik
	Salov	Y	238	Salov
	Sarovce	Y	225	Male Sarovce
				Velke Sarovce
	Sikenica	N	231	Vesela
				Trhyna
	Stary Hradok	N	215	Velky Pesek Stary Hradok
	Stary Tekov	Y	198	Stary Tekov
	Tekovske Luzany	Y	224	Hulvinky
				Tekovske Luzany
	Tekovsky Hradok	N	213	Tekovske Luzianky
				Dolny Tekovsky Hradok
	Timace (M)	N	188	Horny Tekovsky Hradok
				Male Kozmalovce
	Tura	Y	217	Timace Velke Kozmalovce
	Uhliska	N	172	Tura
	Velke Ludince	N	194	Uhliska
	Velky Dur	Y	242	Velke Ludince
				Dolny Dur
	Vysne nad Hronom	Y	212	Horny Dur
	Zalaba	N	249	Rohoznica
	Zbrojniky	Y	226	Vysne nad Hronom
				Zalaba
	Zeliezovce (M)	Y	230	Dolne Zbrojniky
				Horne Zbrojniky
Mikula				
Zemberovce	N	197	Svodov	
Zemliare	N	218	Zeliezovce	
			Dolne Zemberovce	
				Horne Zemberovce
				Zemliare

KRAJ & OKRES	Obec / Mesto	Reply Status	JICA ID	Cadaster
Nitriansky Kraj Nove Zámky	Bajtava	Y	265	Bajtava
	Bardonovo	Y	222	Bardonovo
	Bina	N	252	Bina
	Bruty	N	253	Bruty
	Dedinka	N	228	Dedinka
	Dubník	N	244	Dubník
	Gbelce	N	262	Gbelce
	Jasova	Y	240	Jasova
	Kamenica nad Hronom	N	266	Kamenica nad Hronom
	Kamenin	N	256	Kamenin
	Kamenny Most	N	263	Kamenny Most
	Kolta	N	233	Kolta
	Luba	N	261	Luba
	Mala nad Hronom	N	264	Mala nad Hronom
	Nana	N	267	Nana
	Nova Vieska	Y	259	Nova Vieska
	Pavlova	Y	257	Pavlova
	Ruban	N	251	Ruban
	Salka	N	258	Salka I
	Sarkan	N	260	Diva Sarkan
	Semerovo	N	235	Semerovo
	Sikenicka	N	255	Sikenicka
	Strekov	N	254	Strekov
Sturovo (M)	Y	268	Obid Sturovo	
Svodin	N	250	Madarsky Svodin Nemecky Svodin	
Nitriansky Kraj Zlate Moravce	Caradice	N	170	Caradice
	Cierne Klacany	N	176	Cierne Klacany
	Nemcinany	N	186	Nemcinany
	Obyce	N	159	Obyce
	Tekovske Nemce	N	169	Tekovske Nemce
	Volkovce	N	178	Volkovce
	Zlate Moravce (M)	N	167	Knazice Opatovce nad Zitavou

## B.2 POPULATION AND BASIC LAND USE CATEGORIES OF THE STUDY AREA

KRAJ	OK-RES	OBEC/MESTRO (M)	Population (1996)	Household No.	Total area	Agricultural area	Forest areas	Water bodies	Built up area	Others
BANSKA BYSTRICA	BB	BADIN	1615	589	3438	1317	1824	35	56	206
	BB	BALAZE	199	87	1422	155	1252	1	4	10
	BB	BANSKA BYSTRICA	85052	30158	10338	3633	4524	147	920	1114
	BB	BRUSNO	2000	740	4351	1012	3168	19	35	117
	BB	CERIN	408	159	1153	679	394	6	24	50
	BB	DOLNA MICINA	321	137	946	707	191	6	15	27
	BB	DOLNY HARMANEC	187	107	4429	132	4220	9	7	61
	BB	DONOVALY	147	195	1750	502	1167	2	30	49
	BB	DUBRAVICA	329	104	851	511	302	5	13	20
	BB	HARMANEC	925	303	776	3	733	5	16	19
	BB	HADEL	552	213	1656	509	1125	2	9	11
	BB	HORNA MICINA	471	173	1569	939	542	2	20	66
	BB	HORNE PRSANY	341	140	353	184	144	1	6	18
	BB	HROCHOT	1349	478	3474	1534	1832	8	40	60
	BB	HROSEK	570	165	730	375	290	11	26	28
	BB	KORDIKY	214	116	997	313	660	2	6	16
	BB	KRALIKY	459	168	165	105	39	0	11	10
	BB	KYNCELOVA	295	74	117	97	0	1	12	7
	BB	LUBIETOVA	979	483	6104	1967	4029	15	34	59
	BB	LUCATIN	499	206	1088	463	559	23	13	30
	BB	MALACHOV	822	255	627	393	182	2	14	36
	BB	MEDZIBROD	1285	445	1708	394	1225	18	31	40
	BB	MOLCA	300	119	939	597	301	2	9	30
	BB	MOSTENICA	156	106	1342	271	1048	2	7	14
	BB	MOTYCKY	104	93	1308	245	1013	5	10	35
	BB	NEMCE	1105	383	410	204	163	2	24	17
	BB	ORAVCE	131	52	472	295	156	1	7	13
	BB	PODKONICE	862	341	2848	1046	1715	0	23	64
	BB	POHRONSKY BUKOVEC	105	41	1447	145	1291	3	3	5
	BB	PONIKY	1540	607	5904	3016	2746	11	46	85
	BB	POVRAZNIK	150	72	335	270	49	0	7	9
	BB	PRIECHOD	859	384	1121	575	498	4	23	21
	BB	RIECKA	527	215	682	298	352	2	9	21
	BB	SEBEDIN - BECOV	340	139	963	835	78	8	17	25
BB	SELCE	2022	667	1999	1054	830	6	47	62	
BB	SLOVENSKA LUPCA	2925	1714	3233	1293	1645	40	143	112	
BB	SPANIA DOLINA	136	140	1273	224	996	2	7	44	
BB	STARE HORY	428	171	4156	410	3644	15	16	71	
BB	STRELNIKY	844	302	1747	1118	577	2	23	27	
BB	TAJOV	410	201	929	455	426	5	16	27	
BB	TURECKA	138	62	1016	414	542	2	5	53	
BB	VLKANOVA	825	315	778	321	359	16	51	31	
BS	BANSKA BELA	1272	476	2108	803	1137	22	29	117	
BS	BANSKA STIAVNICA	10529	4012	3289	1650	1086	33	210	310	
BS	BANSKY STUDENEC	450	195	1919	753	1075	18	21	52	
BS	DEKYS	254	114	1783	489	1221	8	13	52	
BS	KOZELNIK	205	78	901	197	647	6	5	46	
BS	MOCIAR	200	93	2092	547	1504	2	10	29	
BS	POCUVADLO	135	68	1551	581	922	7	11	30	
BS	PODHORIE	399	165	2164	615	1506	4	15	24	
BS	STIAVNICKE BANE	828	341	1016	556	350	19	38	53	
BS	VYSOKA	147	49	1454	263	1164	7	6	14	

KRAJ	OK-RES	OBEC/MESTRO (M)	Population (1996)	Household No.	Total area	Agricultural area	Forest areas	Water bodies	Built up area	Others
BANSKA	BR	BACUCH	1101	452	3818	516	3234	13	23	32
BYSTRICA	BR	BENUS	1199	471	2678	715	1769	14	29	151
	BR	BRAVACOVO	741	331	2941	408	2470	3	20	40
	BR	BREZNO	23007	7638	12196	5716	5683	80	302	415
	BR	BYSTRA	213	108	1588	180	1382	5	8	13
	BR	CIERNY BALOG	5087	1620	14718	2821	11557	29	101	210
	BR	DOLNA LEHOTA	707	296	5546	1548	3878	7	34	79
	BR	HELPA	3050	886	4171	1824	2141	16	62	128
	BR	HORNA LEHOTA	634	359	4585	816	3264	17	49	439
	BR	HRONEC	1157	490	3514	463	2913	17	35	86
	BR	JARABA	41	31	1538	24	1455	3	5	51
	BR	JASENIE	1163	408	8616	2450	6065	14	31	56
	BR	MICHALOVA	1371	452	1432	204	1182	3	20	23
	BR	MYTO POD DUMBIEROM	564	294	1039	722	243	4	17	53
	BR	NEMECKA	1743	636	2464	854	1372	24	68	146
	BR	OSRBLIE	367	206	2402	250	2102	5	10	35
	BR	PODBREZOVA	4162	1430	1855	452	1127	35	100	141
	BR	POHORELA	2804	920	4694	2030	2468	13	65	118
	BR	POHRONSKA POLHORA	1598	549	3577	712	2572	5	34	254
	BR	POLOMKA	3186	1064	9404	3156	5856	53	105	234
	BR	PREDAJNA	1253	458	2320	767	1353	33	29	138
	BR	RAZTOKA	323	132	807	442	330	4	10	21
	BR	SIHLA	193	89	2682	324	2319	1	15	23
	BR	SUMIAC	1492	677	8179	2518	5235	22	51	353
	BR	TELGART	1620	469	5600	1937	3536	11	28	88
	BR	VALASKA	3846	1456	6333	818	5247	32	98	138
	BR	VALKOVNA	283	177	1487	383	1059	8	13	24
	BR	ZAVADKA NAD HRONOM	2578	904	4118	1498	2394	26	60	146
	DT	DETVA	15345	5574	6809	4411	1884	30	269	215
	DT	DETVIANSKA HUTA	803	393	1431	1136	216	4	40	35
	DT	DUBRAVY	989	378	1955	1509	318	11	65	52
	DT	HRINOVA	8536	2796	12649	3654	8549	111	139	196
	DT	KLOKOC	455	164	984	636	300	5	20	23
	DT	KORYTARKY	1045	231	1810	1483	157	15	63	92
	DT	KRIVAN	1614	654	1810	1483	157	15	63	92
	DT	SLATINSKE LAZY	700	437	4574	1921	2414	10	77	152
	DT	STARÁ HUTA	415	235	2458	1084	1237	6	15	116
	DT	STOZOK	703	258	895	700	94	11	43	47
	DT	VIGLAS	1567	619	3210	1863	1059	42	79	167
	DT	VIGLASSKA HUTA - KALIN	369	238	1620	1030	531	3	19	37
	RA	MURAN	1123	no data	10315	1032	9123	18	44	98
	ZC	BREHY	1131	427	1236	236	946	6	27	21
	ZC	HODRUSA - HAMRE	2361	1164	4618	894	3546	20	54	104
	ZC	HORNE HAMRE	665	305	1967	882	987	14	35	49
	ZC	HRABICOV	601	201	1324	521	741	5	18	39
	ZC	HRONSKY BENADIK	1176	540	923	667	62	50	56	88
	ZC	KLAK	252	114	2280	145	2111	4	10	10
	ZC	MALA LEHOTA	1121	492	2284	860	1337	5	42	40
	ZC	NOVA BANA	7542	2759	7362	2245	4552	76	235	254
	ZC	OROVNICA	566	198	1424	233	1086	41	15	49
	ZC	OSTRY GRUN	599	218	1630	325	1294	8	20	33
	ZC	PILA	172	72	2579	1049	1457	10	11	52
	ZC	RUDNO NAD HRONOM	546	250	1928	274	1572	31	15	36
	ZC	TEKOVSKA BREZNICA	1334	520	2983	658	2224	6	45	50
	ZC	VELKA LEHOTA	1301	499	1861	861	931	4	34	31
	ZC	VELKE POLE	482	125	3562	1457	1961	5	44	95
	ZC	VOZNICA	628	231	1718	339	1277	46	21	35
	ZC	ZARNOVICA	6584	2175	3040	949	1746	83	147	115
	ZC	ZUPKOV	719	263	1024	573	367	6	23	55

KRAJ	OK-RES	OBEC/MESTRO (M)	Population (1996)	Household No.	Total area	Agricultural area	Forest areas	Water bodies	Built up area	Others
BANSKA BYSTRICA	ZH	BARTOSOVA LEHOTKA	413	145	863	266	533	8	9	47
	ZH	BZENICA	559	310	1904	654	1080	46	28	96
	ZH	DOLNA TRNAVKA	341	113	285	244	6	10	11	14
	ZH	DOLNA VES	230	91	237	111	102	3	5	16
	ZH	DOLNA ZDANA	597	226	817	490	255	15	24	33
	ZH	HLINIK NAD HRONOM	2995	962	1134	469	484	18	81	82
	ZH	HORNA ZDANA	505	193	1627	606	954	9	29	29
	ZH	HRONSKA DUBRAVA	372	166	505	183	276	4	11	31
	ZH	IHRAC	587	175	2075	244	1787	8	10	26
	ZH	JANOVA LEHOTA	851	308	1767	902	794	11	32	28
	ZH	JASTRABA	587	214	1082	615	355	3	19	90
	ZH	KOPERNICA	407	122	1757	840	861	5	23	28
	ZH	KOSORIN	412	154	1275	585	646	9	17	18
	ZH	KRAHULE	140	54	1077	454	578	2	15	28
	ZH	KREMNICA	6622	2433	4680	1200	3125	21	114	220
	ZH	KREMNICKE BANE	247	102	775	543	162	4	22	44
	ZH	KUNESOV	263	89	2363	1245	1012	18	17	71
	ZH	LADOMERSKA VIESKA	807	276	1042	191	771	3	34	43
	ZH	LEHOTKA POD BREHMI	338	136	467	171	231	9	11	45
	ZH	LOVCA	728	257	1044	836	80	32	23	73
	ZH	LOVCICA - TRUBIN	1468	513	3458	1737	1514	50	54	103
	ZH	LUCKY	198	92	824	517	143	5	14	145
	ZH	LUTILA	1145	393	2601	1111	1318	35	43	94
	ZH	NEVOLNE	421	151	311	132	143	0	14	22
	ZH	PITELOVA	645	264	1081	530	445	10	16	80
	ZH	PRESTAVLKY	700	273	1501	969	442	25	22	43
	ZH	PROCHOT	676	261	1851	603	1188	4	22	34
	ZH	REPISTE	327	168	1038	348	643	1	13	33
	ZH	SKLENE TEPLICE	457	205	1091	261	770	8	19	33
	ZH	SLASKA	453	230	1600	586	950	5	18	41
	ZH	STARA KREMNICKA	958	338	1350	343	848	11	24	124
	ZH	TRNAVA HORA	1134	394	2455	585	1700	43	48	79
	ZH	VYHNE	1482	660	3230	744	2345	10	40	91
	ZH	ZIAR NAD HRONOM	20552	6797	3999	1302	1839	108	431	319
	ZV	BABINA	412	185	2217	1161	963	6	22	65
	ZV	BACUROV	97	67	960	647	287	2	8	16
	ZV	BREZINY	309	123	548	427	83	6	15	17
	ZV	BUDCA	1005	350	1591	570	849	23	49	100
	ZV	DOBRA NIVA	1718	647	5254	2693	2333	40	101	87
	ZV	DUBOVE	238	109	1330	652	635	5	15	23
	ZV	HRONSKA BREZNICA	283	104	952	164	704	26	10	48
	ZV	KOVACOVA	1370	464	715	203	397	6	47	62
	ZV	LIESKOVEC	1370	471	1390	859	328	17	100	86
ZV	LUKAVICA	154	72	517	381	110	3	7	16	
ZV	MICHALKOVA	49	48	542	223	306	1	5	7	
ZV	OCOVA	2580	1021	8834	3901	4551	57	156	169	
ZV	OSTRA LUKA	240	118	2027	224	1140	14	18	631	
ZV	PLIESOVCE*	2009	1151	5611	3065	2145	21	104	276	
ZV	PODZAMCOK	326	126	848	305	474	8	18	43	
ZV	SASA	894	323	2464	1458	858	8	31	109	
ZV	SIELNICA	1129	344	1784	642	876	8	40	218	
ZV	SLIAC	4619	2046	4837	2245	2214	55	110	213	
ZV	TRNIE	333	167	1228	592	585	2	13	36	
ZV	TUROVA	352	125	697	419	246	2	10	20	
ZV	VELKA LUKA	405	132	853	503	230	105	15	0	
ZV	ZELEZNA BREZNICA	529	no data	1908	261	1550	4	93	0	
ZV	ZVOLEN	44498	15559	9869	3312	5135	197	638	587	
ZV	ZVOLENSKA SLATINA	2550	no data	3061	1811	1070	22	158	0	

KRAJ	OK-RES	OBEC/MESTRO (M)	Population (1996)	Household No.	Total area	Agricultural area	Forest areas	Water bodies	Built up area	Others
NITRA	LV	BAJKA	326	93	576	542	0	3	19	12
	LV	BATOVCE	1024	484	3163	1564	1329	48	45	177
	LV	BOHUNICE	1024	72	1283	530	698	14	19	22
	LV	CAJKOV	1083	370	2394	942	1331	16	43	62
	LV	CAKA	949	381	907	686	144	4	39	34
	LV	CATA	1220	483	1477	1101	213	63	46	54
	LV	DEVICANY	424	219	2192	1827	208	14	60	83
	LV	DOLNA SEC	415	179	878	772	17	18	35	36
	LV	DOLNY PIAL	956	424	1399	1285	12	8	46	48
	LV	DRZENICE	428	155	1287	1058	116	8	36	69
	LV	FARNA	1440	624	3274	2683	417	11	80	83
	LV	HONTIANSKA VRBICA	573	252	2385	1848	396	29	42	70
	LV	HORNÁ SEC	481	203	830	746	10	5	27	42
	LV	HORNÝ PIAL	305	134	635	587	0	5	18	25
	LV	HRONOVCE	1486	558	3096	2631	164	108	90	103
	LV	HRONSKÉ KLÁČANY	1488	530	788	694	2	11	41	40
	LV	HRONSKÉ KOSIHY	652	242	709	648	0	8	32	21
	LV	INA	228	108	568	526	0	5	19	18
	LV	JABLONOVCE	238	113	3469	1376	1954	27	26	86
	LV	JESENSKE	49	26	379	320	32	4	10	13
	LV	JUR NAD HRONOM	942	341	1519	1307	62	44	43	63
	LV	KALNA NAD HRONOM	2071	772	3413	1979	906	64	90	374
	LV	KET	753	357	1965	1803	1	35	55	71
	LV	KOZAROVCE	1881	736	2182	1582	387	41	60	112
	LV	KRSKANY	753	273	1703	1304	258	15	46	80
	LV	KUKUCINOV	595	184	1131	948	87	27	33	36
	LV	KURALANY	617	260	1069	954	0	17	40	58
	LV	LEVICE	36502	13827	6100	4207	643	186	440	624
	LV	LOK	1012	425	1720	1560	21	13	60	66
	LV	MALAS	562	233	1598	1493	0	5	46	54
	LV	MALE KOZMALOVCE	427	149	922	488	334	21	26	53
	LV	MALE LUDINCE	215	233	680	599	39	6	16	20
	LV	MYTNE LUDANY	892	333	1765	1530	77	35	56	67
	LV	NOVA DEDINA	1581	526	2917	2098	603	32	83	101
	LV	NOVY TEKOV	927	325	2970	2254	435	38	84	159
	LV	NYROVCE	567	248	1349	1226	26	7	43	47
	LV	ONDREJOVCE	464	174	1961	1850	0	15	44	52
	LV	PASTOVCE	552	242	1275	1095	61	26	33	60
	LV	PECENICE	144	78	792	255	477	10	10	40
	LV	PLAVE VOZOKANY	931	348	2313	2007	166	24	56	60
	LV	PODLUZANY	784	241	875	726	84	10	28	27
	LV	POHRONSKY RUSKOV	1368	530	911	757	0	23	66	65
	LV	PUKANEC	2147	998	2620	963	1514	17	64	62
	LV	RYBNIK	1384	562	2470	1091	1174	37	82	106
	LV	SALOV	409	181	1904	1378	431	15	31	49
	LV	SAROVCE	1660	444	2538	2157	136	74	81	90
	LV	SIKENICA	641	309	2555	1921	473	27	55	79
	LV	STARÝ HRADOK	181	68	657	614	0	10	15	18
	LV	STARÝ TEKOV	1481	543	1057	902	9	50	43	53
	LV	TEKOVSKÉ LUZANY	2877	1109	4394	3945	79	38	152	180
	LV	TEKOVSKÝ HRADOK	318	161	732	628	20	20	24	40
	LV	TLMACE	4296	1498	464	233	13	48	76	94
	LV	TURA	255	104	929	791	48	32	23	35
	LV	UHLISKA	248	149	1410	211	1176	2	7	14
	LV	VELKÉ KOZMALOVCE	686	230	592	479	0	46	32	35
	LV	VELKÉ LUDINCE	1708	632	3180	2249	770	3	80	78
	LV	VELKÝ DUR	1323	562	2202	1639	388	21	73	81
	LV	VYSNĚ NAD HRONOM	192	66	647	550	19	29	24	25
	LV	ZALABÁ	179	92	735	654	30	7	19	25
	LV	ZBROJNIKY	534	243	1636	1460	57	25	41	53
	LV	ZELIEZOVCE	7628	2669	5652	4508	488	128	232	296
	LV	ZEMBEROVCE	1300	506	2951	2267	524	21	53	86
	LV	ZEMLIARE	176	81	443	381	21	11	14	18



KRAJ	OK-RES	OBEC/MESTRO (M)	Population (1996)	Household No.	Total area	Agricultural area	Forest areas	Water bodies	Built up area	Others
NITRA	NZ	BAJTAVA	410	180	933	519	348	18	17	31
	NZ	BARDOVO	939	338	2381	2046	144	30	73	88
	NZ	BINA	1434	557	2350	1957	119	124	67	83
	NZ	BRUTY	732	335	2053	1888	29	31	49	56
	NZ	DEDINKA	862	384	1852	1548	157	40	45	62
	NZ	DUBNIK	1766	732	4101	3516	245	69	132	139
	NZ	GBELCE	1393	893	2661	2001	283	139	93	145
	NZ	JASOVA	1246	538	1995	1725	112	25	60	73
	NZ	KAMENICA NAD HRONOM	1308	442	1879	909	522	135	43	270
	NZ	KAMENIN	1522	667	2806	2191	399	59	72	85
	NZ	KAMENNY MOST	1063	445	2034	1519	321	35	60	99
	NZ	KOLTA	1473	603	2583	2179	226	21	65	92
	NZ	LUBA	434	188	940	769	105	17	23	26
	NZ	MALA NAD HRONOM	423	187	772	573	24	35	18	122
	NZ	NANA	1121	440	1795	1433	30	57	67	208
	NZ	NOVA VIESKA	869	226	1748	1366	140	119	38	85
	NZ	PAVLOVA	317	138	5129	4075	243	320	152	339
	NZ	RUBAN	1075	375	1611	1427	52	19	51	62
	NZ	SALKA	1112	463	2625	1918	493	17	48	149
	NZ	SARKAN	392	173	1364	1235	37	23	32	37
	NZ	SEMEROVO	1249	495	2341	2088	86	20	64	83
	NZ	SIKENICKA	491	210	1392	933	378	12	29	40
	NZ	STREKOV	2302	900	4105	3436	284	121	96	168
	NZ	STUROVO	13497	5044	3722	2527	11	432	330	422
	NZ	SVODIN	2679	1103	5361	4467	541	50	152	151
	ZM	CARADICE	553	320	1047	974	0	8	40	25
	ZM	CIERNE KLACANY	1130	no data	859	no data	no data	no data	no data	no data
	ZM	NEMCINANY*	733	no data	1174	no data	no data	no data	no data	no data
	ZM	OBYCE	1506	no data	3148	no data	no data	no data	no data	no data
	ZM	TEKOVSKÉ NEMCE	1081	no data	2831	no data	no data	no data	no data	no data
	ZM	VOLKOVCE*	869	no data	1287	no data	no data	no data	no data	no data
	ZM	ZLATE MORAVCE*	2332	no data	1832	no data	no data	no data	no data	no data

Note: \* - population data was calculated by multiplying the total population of the Obec/Mesto by the ratio of built up area falling inside the Study Area to the total built up area of the Obec/Mesto

### B.3 PUBLIC HEALTH

In the Slovak Republic, the life expectancy of men was 68.3 and that of woman 76.5 in 1995. These are average figures among the central and eastern Europe countries, but are 5.3 years for men and 3.5 years for women lower than the life expectancies in the EU countries.

Some figures related to the public health are available by the districts (old division) relevant to the Study area. These, in comparison with national figures, are shown in Tables B.3-1 through B.3-4.

The mortality-rates in the relevant districts are higher than the national average.

Table B.3-1 Specific Mortality-rate (1995)

Okres	Male	Female
<b>Slovak Republic</b>	<b>10.77</b>	<b>8.93</b>
Banska Bystrica	11.25	8.97
Levice	13.09	12.25
Nitra	11.37	9.86
Nove Zamky	12.49	10.49
Zvolen	12.30	10.05
Ziar nad Hronom	12.59	10.50

Note: Number of deaths per 1,000 inhabitants

Source: Demography and Public Health in the Hron River Basin, provided by SAZP in 1998. (Ref. 21-4)

Table B.3-2 Mortality by Selected Causes of Death per 100,000 Inhabitants (1995)

Okres	Tumors	Circulatory diseases	Respiratory diseases	Diseases of digestion	Congenital mal-functions
<b>Slovak Republic</b>	<b>206.48</b>	<b>541.10</b>	<b>67.92</b>	<b>42.12</b>	<b>4.14</b>
Banska Bystrica	207.80	547.44	76.53	36.87	6.70
Levice	266.79	696.30	62.77	89.21	4.96
Nitra	241.88	590.38	47.44	56.36	2.82
Nove Zamky	257.70	645.23	53.77	61.64	3.28
Zvolen	184.52	594.03	160.24	36.42	3.24
Ziar nad Hronom	231.61	622.92	106.82	50.76	2.12

Source: Demography and Public Health in the Hron River Basin, provided by SAZP in 1998. (Ref. 21-4)

Table B.3-3 Number of Live-born Children with Congenial Anomaly (1995)

Okres	Number of live-born children	Number of reported live-born children with congenital anomaly				Per 10,000 live-borns
		Total	Male	Female	Un-known	
<b>Slovak Republic</b>	<b>61,427</b>	<b>1,470</b>	<b>851</b>	<b>617</b>	<b>2</b>	<b>239.3</b>
Banska Bystrica	1,799	28	15	13	-	155.6
Levice	1,210	10	6	4	-	82.6
Nitra	2,223	40	20	20	-	179.9
Nove Zamky	1,477	29	18	11	-	196.3
Zvolen	1,328	29	21	8	-	218.4
Ziar nad Hronom	1,024	17	13	4	-	166.0

Source: Demography and Public Health in the Hron River Basin, provided by SAZP in 1998. (Ref. 21-4)

Table B.3-4 Reported Number of Congenital Anomalies According to Permanent Residence of Mother (1995)

Okres	Total	Live-born	Dead-born	Abortion due to prenatally diagnosed congenital anomaly of foetus
<b>Slovak Republic</b>	<b>1,517</b>	<b>1,470</b>	<b>33</b>	<b>14</b>
Banska Bystrica	31	28	3	-
Levice	11	10	1	-
Nitra	41	40	1	-
Nove Zamky	30	29	1	-
Zvolen	29	29	-	-
Ziar nad Hronom	19	17	-	2

Source: Demography and Public Health in the Hron River Basin, provided by SAZP in 1998. (Ref. 21-4)