

CONTENTS

<i>Altmann V., Mimra M.:</i> CONTENT OF BIODEGRADABLE MUNICIPAL WASTE IN MIXED MUNICIPAL WASTE	7
<i>Bibora P., Leber P., Svoboda M., Ledererová J., Gottfried V.:</i> USABLE DURABILITY ASSESMENT OF BUILDING MATTERS ON BASE OF SECONDARY RAW MATERIALS	11
<i>Černý V., Kulisek K.:</i> ECOLOGY OF SINTERED AGGREGATES MANUFACTURE	17
<i>Góralczyk S., Łukowska M.:</i> REVISION OF THE CONSTRUCTION PRODUCTS DIRECTIVE 89/106/EEC	21
<i>Hloch S., Radvanská A.:</i> POSITIVE EFFECTS OF CABLE WASTE RECYCLING	25
<i>Hrazdír J., Koloušek D., Kusá H.:</i> UTILIZATION OF LIMESTONE GRAVEL BY-PRODUCTS FOR BUILDING MATERIALS	31
<i>Husárová L., Koutný M.:</i> A NEW CONCEPT OF PROOXIDANT ADDITIVES FOR POLYOLEPHINE BASED MATERIALS	35
<i>Janáková I., Mucha N., Cechlová K.:</i> FLOTATION OF HAZARDOUS SEDIMENTS	41
<i>Jarosiński A., Żelazny S., Madejska L., Radomski P.:</i> ECOLOGICAL ASPECTS OF OBTAINING OF HIGH QUALITY ZINC CONCENTRATE	47
<i>Knapčíková L., Hloch S.:</i> SEPARATION THE PLASTICS COMPONENTS FROM DISCARDED VEHICLES	53
<i>Altmann V., Mimra M.:</i> REPRESENTATION OF BIODEGRADABLE MUNICIPAL WASTE IN MIXED MUNICIPAL WASTE	59
<i>Bań I., Danecki L., Paluchiewicz Z.:</i> MODERN PRO-ECOLOGICAL TECHNOLOGY FOR THE MANAGEMENT OF MULTI-MATERIAL, ENVIRONMENTALLY INCONVENIENT WASTE	65
<i>Knapčíková L., Hloch S.:</i> THE USE OF FLOTATION BY SEPARATION THE PLASTICS WASTE	71
<i>Kollárová M., Ragan E.:</i> IMPURE CIRCULATION	75
<i>Lorencová H., Čermák P.:</i> LOAD OF HAZARDOUS ELEMENTS IN ANTHROPOSOLS OF SPOIL BANKS OF THE NORTH BOHEMIAN BROWN COAL BASIN	79
<i>Mačej T., Knapčíková L., Hloch S., Husár J.:</i> PROPOSAL FOR METALLURGICAL TRATMENT PROCESSES OF ELECTRONIC WASTE	85
<i>Bań I., Duszyc Z., Paluchiewicz Z.:</i> EXTRACTIVE WASTE DUMPS – EVALUATION METHODOLOGY AND CRITERIA	89
<i>Jančová J., Ledererová J., Vyvážil M., Rubek A.:</i> THE POSSIBILITIES OF ECOLOGICALLY SUITABLE BUILDING MIXTURES PRODUCTION ON BASE OF SECONDARY ENERGETIC PRODUCTS	97
<i>Král V.:</i> MAINTENANCE OF A BURNING HEAP OF KATEŘINA MINE RADVANICE V ČECHÁCH	103
<i>Pertile E., Molinová B., Wolfová R., Nezvalová L., Čablík V.:</i> AN EVALUATION OF ATMOSPHERIC POLLUTION BY ORGANIC COMPOUNDS IN MOSTECKO	109

<i>Fridrichová M., Kalivoda K., Stachová J., Kulisek K.:</i> <i>CHARACTERISTICS OF PORTLAND CLINKERS FROM FLUID FLY ASH AS A PARTIAL RAW MATERIAL SOURCE</i>	115
<i>Kučera L.:</i> <i>TIRE RECYCLING – SEPARATION OF TIRE STEEL CORD</i>	119
<i>Pavlitová Letková Z., Gregrová A., Jarošová S.:</i> <i>EVALUATION OF ECOLOGICAL SUITABILITY OF SELECTED INDUSTRIAL WASTE MATERIALS AND ANORGANIC COMPOSITES WITH THEIR CONTENT</i>	123
<i>Lyčková B., Slavík H.:</i> <i>EXPERIENCE WITH HIGH-TEMPERATURE LIME STABILIZATION OF WASTE</i>	127
<i>Mullerová J., Hloch S.:</i> <i>POSSIBILITY OF POLLUTION REDUCTION FROM TRANSPORT</i>	131
<i>Platošová D., Věžníková H.:</i> <i>SCREENING OF POLYCYCLIC AROMATIC HYDROCARBONS BY THIN-LAYER CHROMATOGRAPHY</i>	135
<i>Radvanská A., Hloch S.:</i> <i>MATERIAL FLOW IN END OF LIFE VEHICLE DISMANTLING PROCESS</i>	141
<i>Růžička P.:</i> <i>WASTE MATERIALS UTILISATION FOR A PRODUCTION OF MIXED ALTERNATIVE FUELS</i>	147
<i>Radvanská A., Hloch S.:</i> <i>ENVIRONMENT OF ABRASIVE WATERJET CUTTING TECHNOLOGY</i>	151
<i>Mândrescu C., Stoicuta O., Radu S., Stoicoiu I.:</i> <i>MODELING AND SIMULATION OF A WIND TURBINE</i>	155
<i>Gazdić D., Přichystalová E., Hoffmann O., Novák J.:</i> <i>STUDY OF LATENT HYDRAULICITY OF LIMY ALUMOSILICATE SYSTEMS FROM SECONDARY RAW MATERIAL SOURCES</i>	163
<i>Radvanská A., Hloch S.:</i> <i>NOISE POLLUTION EVALUATION AT ABRASIVE WATERJET CUTTING</i>	167
<i>Štefánek J., Styrnal P.:</i> <i>RECYCLING OF STEEL FURNACE FLY ASH IN ELECTRIC ARC FURNACES</i>	173
<i>Růžička P.:</i> <i>EVALUATION OF WASTE POTENTIAL FROM THE POINT OF VIEW OF THEIR UTILIZATION FOR A PRODUCTION OF MIXED ALTERNATIVE FUELS</i>	179
<i>Svacinova V.:</i> <i>THE CONCEPT OF ECO-INDUSTRIAL PARK IN PASKOV</i>	183
<i>Stehlikova B., Michalikova F., Sisol M., Kolesarova M., Krinicka I.:</i> <i>WASTES FROM POWER INDUSTRY AS A POTENTIAL SOURCE OF RAW MATERIALS</i>	189
<i>Radvanská A.:</i> <i>IMPACT OF ANODIC OXIDATION TECHNOLOGY ON WORKING ENVIRONMENT</i>	195
<i>Uličný A.:</i> <i>OPTIONS OF SOIL DECONTAMINATION WITH RETURN AT A EXPLOITATION PRACTICALLY</i>	201
<i>Svacinova V., Kaloc M.:</i> <i>ANTHRACENE AS A BINDER OF CARBON-BASED COMPOSITE MATERIALS</i>	205
<i>Vales J., Kusy J., Andel L.:</i> <i>ENERGY UTILIZATION OF INDUSTRIAL AND AGRICULTURAL WASTES IN THE PRODUCTION OF MULTICOMPONENT MIXED FUELS</i>	209
<i>Volek F., Manas D.:</i> <i>TIRE AS A SOURCE OF SECONDARY PRODUCTS</i>	215

<i>Wolfová R., Pertile E., Molinová B., Nezvalová L., Guziurek M.:</i> THE EFFECT OF pH ON THE BIOSORPTION OF LEAD BY WALNUT SHELLS	221
<i>Bartusek S., Kozubek E., Mlčoch P.:</i> THE PRESENT POTENTIAL OF CARBON MATERIALS FOR POSSIBLE USAGE IN RECYCLING PROCESSES OF METALLURGICAL SLUDGES	227
<i>Knapčíková L., Hloch S., Mačej T., Husár J.:</i> SOURCE OF PLASTICS WASTE AND THEIR APPLICATION	233
<i>Sedláček M.:</i> OPTIMIZATION METHODS OF CARBONIZATION AND ACTIVATION OF SORBENTS ON MOST BROWN COAL BASE	237
<i>Góralczyk S., Baic I.:</i> HARD COAL EXTRACTIVE WASTE AND POSSIBILITIES OF THEIR USAGE	243
<i>Zvarková D., Mikulík M.:</i> REDUCTION OF EMISSIONS FROM A COMBUSTION SYSTEM FOR BIOMASS	249
<i>Fečko P., Valeš J., Čablík V., Janáková I., Mucha N.:</i> APPLICATION OF BACTERIAL DESULPHURIZATION ON COAL FROM JIŘÍ MINE IN SOKOLOV	253
<i>Hlavatá M., Vyoral J., Trávníčková I.:</i> TECHNOLOGICAL ASSESSMENT OF MATERIAL FROM CARBOL SETTLING PIT	257
<i>Peszko B., Niedoba T.:</i> REVIEW OF JOINING METHODS OF THE PARTICLE SIZE DISTRIBUTION FUNCTIONS GIVEN BY VARIOUS MEASURING METHODS	261
<i>Sedláček M.:</i> SORBENTS ON BROWN COAL BASE AND NEW METHODS OF CARBONIC SORBENT PRECURSOR PROCESSING	267
<i>Tora B., Nowak A.:</i> THE BASIC QUESTIONS OF POLISH ENERGETIC POLICY IN ASPECT OF UTILIZATION OF RENEWABLE AND NUCLEAR ENERGY	273
<i>Vaclavík V., Placek V., Daxner J.:</i> THE USE OF STEEL SLAG IN CONCRETE PRODUCTION	279
<i>Kriz L., Danihelka P., Wittlingerová Z.:</i> MTBE – AN “INVISIBLE” CONTAMINANT?	287
<i>Vaclavík V., Daxner J.:</i> NEW AGGERAGATE INTO THERMALLY INSULATING MORTAR AND LIGHTWEIGHT CONCRETE ON HARD POLYURETHANE FOAM BASE	293
<i>Budzyń S., Żmuda W.A., Tora B.:</i> THE ANALYSIS OF MEAT AND BONE MEAL INCINERATING ASH	299
<i>Wang P., Hu Z.Q., Wang J., Su W.Y.:</i> THE PROSPECT OF GROUND PENETRATING RADAR APPLICATION IN LAND RECLAMATION ENGINEERING IN CHINA	305
<i>Dvořák K., Kalivoda K.:</i> PROPOSAL FOR CHLORIDE DUST UTILIZATION	311
<i>Wawrzak D.:</i> LEACHING OF NON-ORGANIC COMPOUNDS USING STRAINS OF BACTERIA	317
<i>Matei A., Toth L., Stoicoiu I., Mandrescu C.:</i> NEW TECHNOLOGY FOR PREVENTING SPONTANEOUS COMBUSTION AT LONEA MINE – Case study	323