

<b>EFFECTIVENESS OF FILTRASORB ACTIVATED CARBON IN REMOVING SELECTED PHARMACEUTICALS FROM WATER .....</b>	<b>11</b>
<b>BUILDING INFORMATION MODELS (BIM) AS A SOURCE OF DATA FOR SPATIAL EVIDENCE IN FACILITY MANAGEMENT .....</b>	<b>12</b>
<b>REMOVAL EFFICIENCY OF PHARMACEUTICALS FROM MUNICIPAL WASTEWATER BY ADVANCED TREATMENT METHODS.....</b>	<b>13</b>
<b>SOLUTIONS FOR REDUCING THE EXTREME HARDNESS IN TREATED WATER.....</b>	<b>14</b>
<b>EFFECT OF WATER-BASED EMULSIONS ON CORROSION IN BEARING RING MANUFACTURING .....</b>	<b>15</b>
<b>POTENTIAL OF BIOMASS-DERIVED FLY ASH FOR ZINC ADSORPTION FROM ACIDIC WATER .....</b>	<b>16</b>
<b>MOLLUSCS OF SUBSIDENCE BASINS IN THE KARVINÁ REGION .....</b>	<b>17</b>
<b>THE EFFECT OF BIOLOGICAL EXTRACTS ON THE GROWTH AND DEVELOPMENT OF INVASIVE PLANTS.....</b>	<b>18</b>
<b>ADAPTIVE URBAN FURNITURE AND ITS ROLE IN THE CLIMATE RESILIENCE OF PUBLIC SPACE.....</b>	<b>19</b>
<b>PUBLIC SPACE IN THE CONTEXT OF URBAN PLANNING AND SUSTAINABLE URBAN DEVELOPMENT .....</b>	<b>20</b>
<b>THE USE OF PHYTOREMEDIATION IN THE TREATMENT OF ANTHROPOGENICALLY IMPACTED SOILS .....</b>	<b>21</b>
<b>THE USE OF FLOTATION FOR TREATMENT OF ANTHROPOGENICALLY IMPACTED SOILS... </b>	<b>22</b>
<b>DETECTION OF MICROPARTICLES IN TISSUE AND SALIVA SAMPLES FROM THE ORAL CAVITY OF CANCER PATIENTS: IDENTIFICATION METHODOLOGY USING SELECTED ANALYTICAL METHODS .....</b>	<b>23</b>
<b>RECOVERY OF INDIUM TIN OXIDE METALS FROM MOBILE PHONE SCREENS USING ACIDITHIOBACILLUS SPP. BACTERIAL CULTURE.....</b>	<b>24</b>
<b>ENERGY SAVINGS AT THE WWTP'S IN LINE WITH THE APPLICABLE LEGISLATION .....</b>	<b>25</b>
<b>LABORATORY EXPERIMENTS OF CO<sub>2</sub>-WATER-DOLOMITE INTERACTIONS FOR A PILOT CO<sub>2</sub> STORAGE IN A CARBONATE RESERVOIR IN THE CZECH REPUBLIC.....</b>	<b>26</b>
<b>ENVIRONMENTAL SAFETY, AND LEGAL GAPS IN TAILINGS MANAGEMENT: A CZECH AND EUROPEAN PERSPECTIVE .....</b>	<b>27</b>

<b>ENVIRONMENTAL-INTERACTION ELEMENTS AS A TOOL FOR ENVIRONMENTAL PROTECTION (OSTRAVA-KARVINÁ AGGLOMERATION).....</b>	<b>28</b>
<b>TECHNOLOGY FOR SEPTAGE TREATMENT29A FOUR-LAYER DIGITAL FRAMEWORK FOR BIM AND FM INTEGRATION IN SUSTAINABLE URBAN DRAINAGE SYSTEM .....</b>	<b>31</b>
<b>CHANGES IN ROYALTIES FROM MINERAL EXTRACTION AND THEIR BUDGETARY ALLOCATION IN RELATION TO ENVIRONMENTAL PROTECTION IN THE CZECH REPUBLIC .....</b>	<b>32</b>
<b>MINE GAS EMISSION MONITORING FOLLOWING THE CESSATION OF MINING ACTIVITIES IN A HARD COAL REGION.....</b>	<b>33</b>
<b>APPLICATION OF LIGHT DYNAMIC PENETRATION IN GEOTECHNICAL INVESTIGATION OF UNSTABLE TERRAIN .....</b>	<b>34</b>
<b>WATER NETWORK LOSS CONTROL SYSTEM.....</b>	<b>35</b>
<b>UTILISATION OF MINING WASTE .....</b>	<b>36</b>
<b>GEODETIC SURVEYING FOR THE REVITALIZATION OF THE HORNÍ BEČVA RESERVOIR .....</b>	<b>37</b>
<b>COMBINED PHYSICAL AND BIOLOGICAL REMOVAL OF ANTIHYPERTENSIVE PHARMACEUTICALS FROM WASTEWATER: A CASE STUDY FROM SELECTED WWTP .....</b>	<b>38</b>
<b>MONITORING THE REVITALISATION OF WATER SYSTEMS AFFECTED BY MINING ACTIVITIES .....</b>	<b>39</b>
<b>ACCESSIBLE CITY FOR EVERYONE.....</b>	<b>40</b>
<b>REMOVAL OF ZN(II), CU(II), FE(II), AND SULPHATE IONS FROM MODEL SOLUTIONS USING ION EXCHANGE RESINS.....</b>	<b>41</b>
<b>SUBURBS PLACING IN RELATION TO LAND QUALITY .....</b>	<b>42</b>
<b>POST-MINING LANDSCAPES AS NATURAL CARBON SINKS: POTENTIAL FOR ECOLOGICAL RESTORATION .....</b>	<b>43</b>
<b>BIOLOGICAL RESPONSE OF PLANTS TO THERMALLY ACTIVE COAL MINE SPOIL HEAP SUBSTRATES TOXICITY: UPPER SILESIAN REGION IN CZECH REPUBLIC AND POLAND, EXAMPLES COMPARISON .....</b>	<b>44</b>
<b>SELECTIVE DEMOLITION OF A FAMILY HOUSE FROM AN ECONOMIC PERSPECTIVE IN PRACTICE.....</b>	<b>45</b>
<b>EFFECT OF TOXICITY OF SELECTED POLLUTANTS ON THE EFFICIENCY OF MUNICIPAL WASTEWATER TREATMENT PLANT: A CASE STUDY .....</b>	<b>46</b>
<b>COMPARISON OF LABORATORY AND INDUSTRIAL SURFACE TREATMENT OF CEMENT COMPOSITES WITH COMPLETE REPLACEMENT OF NATURAL AGGREGATE WITH RECYCLED PHOTOVOLTAIC GLASS .....</b>	<b>47</b>

<b>MONITORING AND ASSESSMENT OF HYDROMORPHOLOGICAL CHARACTERISTICS OF THE BÍLOVKA STREAM IN THE MORAVIAN-SILESIA REGION USING THE HEM 2014 METHODOLOGY.....</b>	<b>48</b>
<b>SUSTAINABLE MUNICIPAL SEWERAGE SYSTEM SOLUTION: A CASE STUDY OF ROPICE</b>	
<b>49POTENTIAL USE OF METALLURGICAL AND FOUNDRY BY-PRODUCTS IN HIGH-STRENGTH CONCRETE.....</b>	<b>50</b>
<b>STEEL LADLE SLAG .....</b>	<b>51</b>
<b>VIRTUAL OPERATION SUPPORT TEAM AS A TOOL FOR THREAT MAPPING AND IMPROVING SCENARIOMODELING IN THE FIELD OF ROAD CRITICAL INFRASTRUCTURE .....</b>	<b>52</b>
<b>ANALYSIS OF DIGITAL TOOL IMPLEMENTATION IN BUILDING OPERATIONS.....</b>	<b>53</b>
<b>BUILDING'S LIFE CYCLE FOR SUSTAINABLE CONSTRUCTION .....</b>	<b>54</b>
<b>ANALYSIS OF REVITALIZATION MEASURES IN VORTOVSKÝ STREAM BASIN.....</b>	<b>55</b>
<b>INDOOR ENVIRONMENT OF THE RENOVATED BUILDING .....</b>	<b>56</b>
<b>SURVEY OF AVAILABLE TECHNOLOGIES FOR ZERO CARBON AND ENERGY BALANCE HOUSES .....</b>	<b>57</b>
<b>ANALYSIS OF THE QUALITY OF CONCRETE NOISE BARRIERS.....</b>	<b>58</b>
<b>COMPARATIVE LCA OF GROUND FLOOR SYSTEMS WITH FOCUS ON MATERIAL CHOICES. 59</b>	
<b>CAFM – INTEGRATED TOOL FOR THE OPERATIONAL PHASE OF THE CONSTRUCTION LIFE CYCLE.....</b>	<b>60</b>
<b>ASSESSING ODOUR EMISSIONS AND ENVIRONMENTAL IMPACT OF A RECYCLED PAPER PRODUCTION FACILITY .....</b>	<b>61</b>
<b>LOW-CARBON CEMENT: TECHNOLOGICAL AND PRODUCTION IMPACTS OF CLINKER FACTOR REDUCTION.....</b>	<b>62</b>
<b>ESTIMATION OF HUMAN OCCUPANCY IN ENCLOSED SPACES USING CO<sub>2</sub> SENSOR DATA AND STATISTICAL MODELING FOR HVAC CONTROL APPLICATIONS .....</b>	<b>63</b>
<b>ANALYSIS OF THE EFFECTIVENESS OF SHADING SYSTEMS IN ENSURING QUALITY DAYLIGHTING IN GALLERY SPACES – CASE STUDY .....</b>	<b>64</b>
<b>COMPARISON OF THE CARBON FOOTPRINT OF TIMBER AND MASONRY BUILDINGS.....</b>	<b>65</b>
<b>INDOOR ENVIRONMENTAL QUALITY IN SECONDARY SCHOOL: MEASUREMENTS, PERCEPTIONS, AND RISK PARAMETERS.....</b>	<b>66</b>
<b>LIGHTWEIGHT MIXTURES WITH A HIGH PROPORTION OF RECYCLED FILLERS IN TERMS OF 3D PRINTING PARAMETERS .....</b>	<b>67</b>

<b>IMPACT OF SIMULATED PHYSICAL WEATHERING ON THE CHEMICAL PROPERTIES AND NUTRIENT AVAILABILITY OF EXTENSIVE GREEN ROOF SUBSTRATES AMENDED WITH BIOCHAR AND POROUS CONCRETE.....</b>	<b>68</b>
<b>PYROLYSIS TREATMENT OF EXOTIC ANIMAL DUNG: FROM WASTE TO NUTRIENT SOURCE .....</b>	<b>69</b>
<b>WASTE RECOVERY AND ITS ENVIRONMENTAL IMPACTS.....</b>	<b>70</b>
<b>IMMOBILIZATION OF ION-IMPRINTED POLYMERS ON BIOCHAR FOR SELECTIVE LITHIUM ION RECOVERY .....</b>	<b>71</b>
<b>ASSESSMENT OF THE SUITABILITY OF SELECTED WASTE MATERIALS FOR THE PRODUCTION OF REFRACTORY MATERIALS.....</b>	<b>72</b>
<b>THE MORPHOLOGY OF BIOCHAR AIMED AT ITS POTENTIAL APPLICATION AS AN ELECTRODE MATERIAL (BATTERIES, SUPERCAPACITORS) .....</b>	<b>73</b>
<b>VIRTUAL AND AUGMENTED REALITY FOR MINING SAFETY AND SUSTAINABILITY.....</b>	<b>74</b>
<b>EFFECT OF NANO ZNO PHOTOCATALYST ON SOME WATER PARAMETERS OF NECKAR RIVER (GERMANY) AND ANIMAL FARM WASTEWATER.....</b>	<b>75</b>
<b>REMOVAL OF MANGANESE FROM WATER.....</b>	<b>76</b>
<b>ENHANCING TERRITORIAL RESILIENCE TO TECHNOLOGICAL ACCIDENTS.....</b>	<b>77</b>
<b>PREPAREDNESS OF A TERRITORY FOR EXTRAORDINARY EVENTS .....</b>	<b>78</b>