

Subject - name:	Environment protection	Kod:	M120
Level of studies:	I		
Type of studies:	Stationary		
Major:	MiBM/MTR/IPEH		
Kind of subject:	Basic		
Specialisation:	All specialties		
Form:	30W		

Professor:	Prof. Ph. D. Eng. Zdzislaw Chłopek
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Outline:	
Lecture:	<ol style="list-style-type: none"> 1. Introduction. <ol style="list-style-type: none"> 1.1. Basic concepts. 1.2. Criteria for harmful impacts on the environment. 2. Human environment. <ol style="list-style-type: none"> 2.1. Earth and ecosystems . 2.2. Global biogeochemical cycles. 3. Natural and environmental hazards of civilization. <ol style="list-style-type: none"> 3.1. Elements of the environment. 3.2. Air pollution . 3.3. Threats of water. 3.4. Threats of soil. 3.5. Electromagnetic radiation. 3.6. Depletion of raw materials. 3.7. Threats of flora and fauna. 3.8. Demographic problems. 4. Action to protect the environment. <ol style="list-style-type: none"> 4.1. Classification of actions to protect the environment. 4.2. Sustainable development of civilization . <ol style="list-style-type: none"> 4.2.1. Agriculture and fisherie . 4.2.2. Industry, construction, mining . 4.2.3. Energetics. 4.2.4. Transport . 4.2.5. Waste management. 4.3. Monitoring of the environment. 5. Protection of the environment from the motorization. <ol style="list-style-type: none"> 5.1. Sistematzation of automotive hazards of the environment. 5.2. Pollutant emission from motor vehicles. 5.3. Vibroacoustic threats of motorization. 5.4. Utilization of destroyed vehicles. 5.5. Problems of transport of dangerous goods. 5.6. Trends oh environmental protection efforts in motorization. 6. Summary.