

Sustainable Development of the Industrial Region of Ukraine and Higher Engineering Education

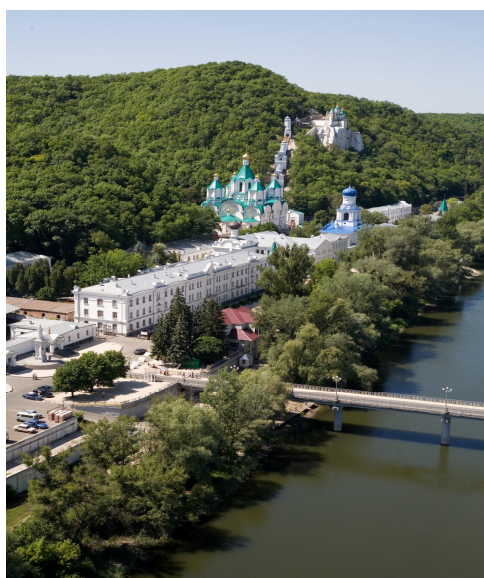


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The strategy of the modern education should meet the requirements put forward by the historical task which is the convergence of two types of the human being civilizations – the traditionalistic and man-caused.



The Donbass Region – the largest industrial region of Ukraine that covers 2% of the state industrial production (with the population making up 10% of the general population of Ukraine) - is the “classic” example of the region in which the human being’s activity is resulted in the environment destruction.

The Donbass industrial development caused its ecological “overloading”: the Donetsk region is high on the European list and the first on the Ukrainian one as to the level of the environment degradation.



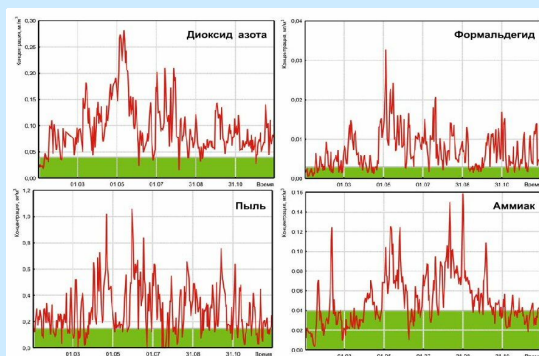
The strategic aim of Donetsk National Technical University, which is the oldest and leading educational institution of the Donbass Region, is training of the nation’s intellectual resource – specialists of the new type, able to solve strategic tasks of the development of the society, and create cultural and material wealth. The University, longing for entering the world educational area, puts forward the task of creation of favourable conditions for development and self-actualizing of every personality able to learn all life, create and develop the civil society’s wealth.

The first higher education establishment in the Donbass Region, **1921**

Over **27,000** students

Over **127,000** alumni from more than 70 countries

About **1300** academics



At present 4 billion tons of wastes are accumulated in the region, and they occupy a bit less than 2% of the region’s territory.

Emission density of the pollution stationary sources makes up 61.8 tons of harmful substances on the square km, and as to per head it makes up 352.7 kg, which is 8.4 and 3.7 times as much as the average data in the country. Natural river flow water supply for one region’s inhabitant is 5 times less than the average data in Ukraine.

Sewage volume in the region is more than 1. 6 billion m³ per year.



The new Informational-librarian Center, which is being built now, is oriented on further development of the humanitarian vector of the higher engineering education in the Donbass Region

Having entered the XXI century Donetsk National Technical University professes the single ideology which is the ideology of conditions creation for the people to fulfill their main mission – to be well-educated, cultural, and moral Human beings.

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