

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ  
КАФЕДРА ІНОЗЕМНИХ МОВ  
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР**

**МАТЕРІАЛИ  
VIII МІЖВУЗІВСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ  
КОНФЕРЕНЦІЇ  
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ  
КАФЕДРИ ІНОЗЕМНИХ МОВ**

**“TO LIVE IN A SAFER WORLD”**

**(Суми, 28 березня 2014 року)**

The eighth scientific practical student`s, postgraduate`s and teacher`s  
LSNC conference

## THE INFLUENCE OF FUEL AND ENERGY COMPANIES TO ENVIRONMENT

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Today's changes in the environment are the negative result of human activities. Deforestation, drying ponds, construction the plants - led to global changes in our ecology. Energy sector consists of extractive, convertible, transportable companies and influences badly hydrosphere, atmosphere, biosphere and lithosphere.

Energy efficiency, energy saving and resource saving are explored as a step to better environment. Consequently, modern fuel and energy companies should be reconstructed.

Our research based on conception «fuel and energy companies» as a cluster type combining fuel and energy complex, which includes companies with strong industrial and technological relations are in a particular area.

Combining structural integration make it possible to obtain greater economic benefits and reduce the environmental impact. Additional ecological and economic effect is achieved by the energy companies through a rational and complex processing of raw materials, waste reduction opportunities, joint treatment facilities and more. The economic, social and environmental effects of a business combination should be taken into account.

We use the value of ecological and economic damage to quantitative valuation of ecological influence caused by the activities of fuel and energy companies. Minimizing this value give us "environmental" effect of business combination.

Taking into account all factors for effective function of energy companies will identify a set of interrelated businesses so that technology and organizing process can be combined in the integration structures – «fuel and energy companies» – and have maximum economic, environmental and social effects.