

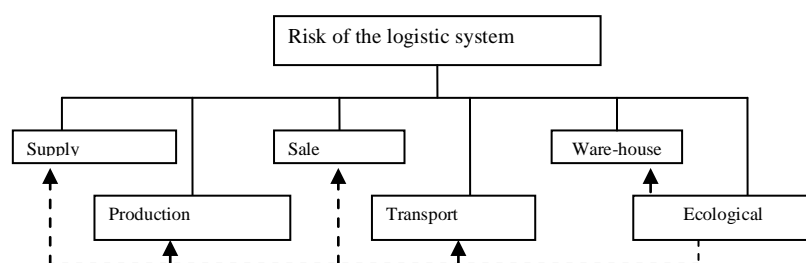
## RISKS OF THE LOGISTIC SYSTEM AND METHODS OF THEIR REDUCING

*Yulya Chortok, Yulya Kalantaenko*  
Sumy State University, Sumy, Ukraine

Logistic system – it is the dynamic, opened, stochastic, adaptive difficult or large system with the feed-back, executing different logistic functions, for example, industrial enterprise, trade company and etc. As a rule, it consists of a few subsystems and has therade developed communications with an external environment. The target of logistic is system is delivery of commodities and wares in maximal accordance with the requirements of consumers with the minimum (or set) level of costs.

The risk in every system is explained by reasons both subjective and objective. For example, the stop of equipment can happen because of the death of its separate parts or disconnection of electric power. To big supplies of the prepared products arise up from the study of demand incomplete or wrong, and also when analogues entry the market.

The ecological risk which is the special type of risks of the logistic system. It appears in all its subsystems. The risks of spilling, overflow, explosion of materials or products at their transporting to the producer or consumer behave to it, storage on ware-houses, use in production etc.



**Figure 1. Risks of the logistic system**

The decline of risk of the logistic systems is possible at existence of the developed infrastructure. Thus notion «logistic infrastructure» can be seen variously. From point of the included objects, logistic infrastructure, in particular its kernel – production infrastructure – sometimes equates with logistic. From point of sphere of economy, a logistic infrastructure is activity on maintenance of process of goods flow.