

## RELATIONSHIP BETWEEN OWNERSHIP OF SUBSURFACE NATURAL RESOURCES AND RENT-ORIENTED BEHAVIOR STRATEGIES OF SUBJECTS OF RENTAL RELATIONS

Maryna I. Ivanova, National Technic University "Dnipro Politechnic", Dnipro (Ukraine). E-mail: ma\_riva@ukr.net

Hanna E. Ryabik, Alfred Nobel University, Dnipro (Ukraine). E-mail: anna.ryabik@duan.edu.ua

Oleksandr V. Usatenko, National Technic University "Dnipro Politechnic", Dnipro (Ukraine). E-mail: nmu.fman@gmail.com

DOI: 10.32342/2074-5354-2019-1-50-7

**Key words:** *ownership of subsurface natural resources, rent-oriented behavior strategy of subsurface natural resource users, rent, mining rents, state budget, rent receiving, rent distribution, rent redistribution and rent appropriation.*

This article studies the issues of the relationship between the ownership of subsurface natural resources and rent-oriented behavior strategies of subjects of rental relations. The relationship involves, firstly, the collection and distribution of rental income between economic entities with a manifested rent-oriented behavior; secondly, collection of rents solely by the owner of the land (subsurface), and thirdly, the in-state social orientation of the rents received. The study applies the systematic method to reveal the regularities when analyzing the problems of rent-oriented behavior of subjects of rental relations in the sphere of use of subsurface natural resources. This approach allows identifying the objective grounds for the development of not only the system but also its components, and defining the goals of rent-oriented behavior strategies of subsurface natural resource users. The purpose of the work is to study the features of the relationship between the ownership of subsurface natural resources and the rent-oriented behavior strategies of subjects of rental relations. The theoretical study revealed that in fact, rents are an indirect cash flow from the tenant of the resource to its owner. An analysis of the contemporary general scientific notions about rent has allowed distinguishing four principal approaches: psychological, biological, social and techno-economic approach. It has been proved that research on mining rent and rent-oriented behavior strategies of enterprises in the sphere of subsurface natural resource use should take into account the specific features of underground (deep) and surface (opencast) mining. The study proceeds from an established fact that oil, coal and gas industries are the leading rent-creating industries. The analysis of the dynamics of rent revenue to the State Budget has revealed that there is a sufficiently high probability (91.24%) of increase in the rental payments for the use of subsurface natural resources in the coming years. The results of the research have shown that the major challenges that demand an immediate solution are the provision of an effective natural resource manager, the formation of financial potential for the effective use of existing mineral resources and the development of new mineral deposits to eliminate negative manifestations and possible shadowing of rent receiving, rent distribution, rent redistribution and rent appropriation.

## References

1. *Ekonomycheskaia entsyklopedyia. Polytycheskaia ekonomyia* (1979) [Economic Encyclopedia. Political economy]. Moscow, Sovetskaia Entsyklopedyia Publ., vol. 3, 624 p.
2. Tkachenko N.I. (2004). *Funktsionalnyj kontekst rentnykh vidnosyn v umovakh transformatsijnoi ekonomiky Ukrainy* [Functional context of rent relations in the conditions of the transformational economy of Ukraine]. *Mekhanizm rehuliuвання ekonomik* [The mechanism of regulation of the economy], no. 1, pp. 117-123.
3. Reshetylova T.B. (2003) *Sravnytelnyj analiz spetsyalnykh metodov rehulyrovannya deiatelnosti predpriatyj po nedropolzovanyiu* [Comparative analysis of special methods of regulation of activity of enterprises for subsoil use]. *Naukovyj visnyk NHU* [Scientific bulletin of NMU], no. 5, pp. 92-98 (In Russian).
4. Ding Lu (1994) The Entrepreneurs Who Do Both: Production and Rent-seeking.// *Journal of Economic Behavior and Organization*, no. 23, pp.93-98.

5. Rees J. (1990) Natural resources: allocation, economic and police. London, 111 p.
6. Reshetylova T.B. (1997) *Gornaya renta v mexanyzme upravlenyya yspolzovanyem neдр* [Mining rent in the subsoil management mechanism]. Moscow, MGGU Publ., 178 p (In Russian).
7. Tkachenko N.I. (2018) *Metodolohichni ta metodychni aspekty vyznachennia rentnykh dokhodiv: sutnist ta perspektyvy rozvytku* [Methodological and methodical aspects of determining rental income: the essence and prospects of development]. *Stalyj rozvytok terytorij: problemy ta shliakhy vyrishennia : materialy IX mizhnar. nauk.-prakt. konf., Dnipro, 20 zhovtnia, DRIDU NADU* [Sustainable development of territories: problems and solutions: materials IX intern. Scientific and Practical Conf., Dnipro, October 20, DREAD NAPA], pp. 104-107.
8. *Rakhunkova palata Ukrainy. Biudzhetna polityka* [Accounting Chamber of Ukraine. Budget policy]. Available at: [http://vvv.ats-rada.gov.ua/tsontrol/main/uk/publish/artitsle/602600?tsat\\_id=34761](http://vvv.ats-rada.gov.ua/tsontrol/main/uk/publish/artitsle/602600?tsat_id=34761)

Одержано 7.02.2019.