

## Personal Details

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<b>Current position</b> PhD., Associate Professor of Underground Mining Department, State Higher Education Institution “National Mining University”	
<b>Professional background</b>	
<p>2008- Chervonohrad State Technical school of Mining Technologies and Economics</p> <p>2011- Underground Mining of Mineral Deposits -SHEE "National Mining University". Master's thesis: "Determination of Technological Parameters of Underground Coal Gasification during Crossing Geological Fault".</p> <p>2010 – 2013 Engineer of International Scientific Project Office, National Mining University.</p> <p>2011- 2014 studied at postgraduate courses at the Mining Department.</p> <p>In July 2014 certificated for knowledge the Polish language of Ministry of Science and Higher Education of Poland.</p> <p>To date, teaching practical classes on the subjects "Technology of Underground Mining" and "Computer Graphics for Mining", designing projects on the discipline "Technology of Underground Mining", teaching professional English to bachelors and specialists of the mining faculty on the discipline "Bases of Mining" in English, providing methodological support for students I-IV courses with the advanced study of professional English. A member of the editorial board of the collection of research papers of the Balkema Publishing House (Netherlands).</p> <p>2015 -PhD thesis (Substantiation of parameters of borehole underground coal gasification technology in the faulting zone of massif), on specialty 05.15.02 “Underground mining of mineral deposits”.</p>	
<b>Research interests</b>	
Substantiation of the parameters of borehole underground coal gasification technology in the zone of geological fault influence, direction of sustainable mining – new approaches to thin and very thin coal seams extraction using environmentally friendly technology of underground coal gasification.	
<b>Scientific activities</b>	
Author of 48 works, including 24 scientific papers in professional journals (8 SJR and JCR-list journal), 2 monographs, 21 articles in Ukraine and abroad, and three patents. Co-author of the tutorial – "Basic Concepts of Mining Technology" which is designed for students of higher educational institution.	
<b>Main publications</b>	
<ol style="list-style-type: none"> <li>1. Falshtynskyi, V., Lozynskyi, V., Saik, P., Dychkovskyi, R., &amp; Tabachenko, M. (2016). Substantiating parameters of stratification cavities formation in the roof rocks during underground coal gasification. <i>Min. Miner. Depos.</i>, 10(1), 16–24. <a href="http://dx.doi.org/10.15407/mining10.01.016">http://dx.doi.org/10.15407/mining10.01.016</a></li> <li>2. Bondarenko, V., Lozynskyi, V., Kovalevska, I., Sai, K., &amp; Vvedenska, V. (2016). Concept of the journal “Mining of Mineral Deposits” of the National Mining University. <i>Min. Miner. Depos.</i>, 10(1), 1–8. <a href="http://dx.doi.org/10.15407/mining10.01.001">http://dx.doi.org/10.15407/mining10.01.001</a></li> <li>3. Falshtynskyi, V., Dychkovskyi, R., Lozynskyi, V., &amp; Saik, P. (2015). Analytical, laboratory and bench test researches of underground coal gasification technology in National Mining University. <i>New Developments in Mining Engineering 2015: Theoretical and Practical Solutions of Mineral Resources Mining</i>, 97-106. <a href="http://dx.doi.org/10.1201/b19901-19">http://dx.doi.org/10.1201/b19901-19</a></li> </ol>	



4. Dychkovskiy, R., Falshtynskiy, V., Lozynskiy, V., & Saik, P. (2015). Development the concept of borehole underground coal gasification technology in Ukraine. *New Developments in Mining Engineering 2015: Theoretical and Practical Solutions of Mineral Resources Mining*, 91-95. 1. <http://dx.doi.org/10.1201/b19901-18>
5. Dychkovskiy, R., Falshtynskiy, V., Lozynskiy, V., & Saik, P. (2014). Analytical investigations of massive stress in the zone of disjunctive fault influence. *Min. Miner. Depos.*, 8(3), 361-365. <http://dx.doi.org/10.15407/mining08.03.361>
6. Dychkovskiy, R., Falshtynskiy, V., Lozynskiy, V., & Saik, P. (2014). Analytical investigations of massive stress in the zone of disjunctive fault influence. *Min. Miner. Depos.*, 8(3), 361-365. <http://dx.doi.org/10.15407/mining08.03.361>
7. Falshtynskiy, V.S., Dychkovskiy, R.O., Lozynskiy, V.G., & Saik, P.B. (2013). Determination of the Technological Parameters of Borehole Underground Coal Gasification for Thin Coal Seams. *Journal of Sustainable Mining*, 12(3), 8-16. <http://dx.doi.org/10.7424/jsm130302>
8. Tabachenko, N., Dychkovskiy, V., Falshtynskiy, V., Lozynskiy, V., & Saik, P. (2013). Substantiation of coal seams gasification methods. *Min. Miner. Depos.*, 8(3), 345-353. 1. <http://dx.doi.org/10.15407/mining07.04.345>
9. Falshtyn'skyy, V., Dychkovs'kyy, R., Lozyn'skyy, V., & Saik, P. (2013). Justification of the gasification channel length in underground gas generator. *Mining of Mineral Deposits*, 125-132. <http://dx.doi.org/10.1201/b16354-23>
10. Falshtynskyy, V., Dychkovskyy, R., Lozynskyy, V., & Saik, P. (2012). New method for justification the technological parameters of coal gasification in the test setting. *School of Underground Mining 2012*, 201-208. <http://dx.doi.org/10.1201/b13157-35>

#### **Awards**

Dnipropetrovsk state administration award merit for significant contribution to research, fruitful scientific and teaching work and fulfilment in good faith professional duties, Dnipropetrovsk, April 2010;

Region government department award merit for significant contribution to the development of student self- governance, Dnipropetrovsk, November 2010

