

Prof. dr. Vladislav Kecojevic

Massey Foundation Professor of Mining Engineering
West Virginia University, United States

Dr. Kecojevic has been named the Massey Foundation Professor of Mining Engineering at West Virginia University (WVU) effective August 2012. He joined WVU's Department of Mining Engineering as a tenured Associate Professor in January 2010. Dr. Kecojevic started his academic career with The Pennsylvania State University (PSU) as an Assistant Professor in 2001. He earned tenure and was promoted to the rank of Associate Professor in 2007. Dr. Kecojevic held the Centennial Career Development Professorship in Mining Engineering at PSU from 2005 through 2009. Prior to joining PSU, he was employed with Krupp Canada from 2000 to 2001 and he was responsible for the design of mining equipment. Dr. Kecojevic was also involved in the planning and design of coal, bauxite and limestone mines in Serbia and Montenegro from 1992 through 2000. He earned his B.S., M.S., and Ph.D. degrees in Mining Engineering from the University of Belgrade.

For more information visit <http://www2.statler.wvu.edu/~kecojevic/>.

Overview of Coal Mining Industry in the United States

The coal mining industry is a vital economic sector for many countries including the United States (US). Coal is the primary fuel for electricity generation in the US and it is the most abundant source of energy. The production of coal increased significantly from 573 million tons in 1978 to nearly 1 billion tons in 2012. This presentation will provide an overview of the role of coal in a total electricity generation in the US, coal reserves and quality, an analysis of the coal industry's data with respect to the number of mines, production, productivity, economics, the number of employees, safety and environmental records, and education of future industry leaders. It then will discuss the issues challenging the coal industry such as an image of industry in the court of public opinion, environmental and health concerns, and impact of shale gas boom. Finally, this presentation will provide an outlook of the future of coal, and five pillars of sustainable development of the industry.