

Prof. DSc. Eng. Tzolo Voutov
President of Geotechmin OOD



WORK EXPERIENCE

- 1999 – present** President of GEOTECHMIN OOD
- 2015 – present** Chairman of the Supervisory Board of Ellatzite-Med AD
- 2005 – 2015** Chairman of the Board of Directors of Ellatzite-Med AD
- 1999 – 2004** Executive Director of RMD Ellatzite-Med AD
- 1996 – 2005** President of Omia-Geotechmin OOD
- 1990 – 1999** Vice President of Geotechmin-SVS
- 1982-1990** Research Fellow at Niproruda Institute of Mining and Ore Dressing, Sofia
- 1981-1982** Deputy Director of Production and Technical Department at Ellatzite Copper Mine, Etropole
- 1979-1981** Chief Engineer at Ellatzite Copper Mine, Etropole
- 1977-1979** Chief Surveyor at Ellatzite Copper Mine, Etropole
- 1976-1977** Surveyor at Ellatzite Copper Mining and Processing Plant, Etropole

ACADEMIC DEGREES AND QUALIFICATIONS

- 2019** – Academician and Member of the Presidium of the Eurasian Academy of Mining Sciences, Kazakhstan
- 2014** – Professor, University of Mining and Geology “St Ivan Rilski”, Sofia, Bulgaria
- 2012** – Doctor of Science Honoris Causa, Soligorsk Institute of Resource Saving Problems with Pilot Production, Minsk, Republic of Belarus
- 2009** – Professor of Mining Sciences, World Accreditation Expert Committee at the International Inter-Academic Union, Saint Petersburg, Russia
- 2008** – Doctor of Mining Sciences, World Accreditation Expert Committee at the International Inter-Academic Union, Saint Petersburg, Russia
- 2000** – Acquired qualification: Manager, Icom Intellect, Bulgarian-American Information Centre for Economics and Management
- 1990** – Acquired qualification: Manager, Higher International School of Marketing and Management at the Bulgarian-French Centre MARCOM
- 1976** – Master of Engineering in Mine Surveying, University of Mining and Geology “St Ivan Rilski”, Sofia, Bulgaria

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL ORGANISATIONS

- Since 2019** – Full Member (Academician) and Member of the Presidium of the Eurasian Academy of Mining Sciences (EAMS), Kazakhstan
- Since 2019** – Honorary Chairman of the Scientific and Technical Union of Mining, Geology and Metallurgy
- Since 2015** – Member of the Academy of Engineering Sciences of Serbia
- Since 2015** – Member of the Advisory Council of the Confederation of Employers and Industrialists in Bulgaria (KRIB), formerly member of the Management Board of KRIB
- Since 2013** – Vice Chairman of the Balkan Academy of Mining Science
- Since 2011** – Member of the Board of Trustees at the University of Mining and Geology “St Ivan Rilski”
- Since 2008** – Member of the Management Board of the National Tourism Board
- Since 2004** – Founder and member of the Balkan Mining Association BALKANMINE
- Since 2004** – Member of the Managing Board of the Bulgarian Chamber of Commerce and Industry and Co-Founder of the Innovation Council
- 2001 – 2020** Member of the Management Board of the Federation of the Scientific Engineering Unions in Bulgaria
- Since 2000** – Member of the Academy of Mining Sciences, Russia
- 2000 – 2019** Chairman of the Scientific and Technical Union of Mining, Geology and Metallurgy
- Since 1998** – Member of the International Academy of Ecology and Life Protection Sciences (MANEB)
- Since 1998** – Member of the International Academy of Mineral Resources, Russia
- Since 1994** – Member of the International Organising Committee of the World Mining Congress
- 1992 – 2020** Member of the Management Board of the Bulgarian Chamber of Mining and Geology

SCIENTIFIC ACHIEVEMENTS

- More than 195 scientific research articles, reports, exploratory and applied research projects in the sphere of open-pit mining technologies and methodology; their application through the entire mining lifecycle of operations at all stages of project development
- Monographs
 1. Tz. Voutov, Open Pit Mining: Technique and Technology, Technica Publishing House, Sofia, Bulgaria, **1990**, p. 132 (in Bulgarian)
 2. F. D. Larichkin, A. G. Vorobyev, Tz. Voutov. Modernization of Accounting and Management of Costs with Complex Usage of Mineral Raw Materials, Ore and Metals Publishing House, Moscow, **2013**, p. 177 (in Russian)
- Patents
 - Method for Fragmentation of Spilled Molten Copper by Blasting. Certificate of Authorship, implemented in MDK “G. Damyanov”, town of Pirdop, **1976**

HONOURS AND AWARDS

- 2023** – Annual CSR Award of the Bulgarian Mining and Geology Chamber for the Bulgarian Virtues Charity Programme
- 2023** – Grand Business Honoris Causa Award for humanitarian service and support to the needy
- 2023** – Award for Overall Contribution to Enhancing Higher Education, Science and Academic Facilities of the University of Mining and Geology “St Ivan Rilski”
- 2022** – Grand Business Honoris Causa Award for the Bulgarian Virtues Charity Programme, category “Investment in Quality of Life”
- 2022** – Gold Medal of the Bulgarian Red Cross
- 2022** – Support for Young Talents Award given by Standard Newspaper
- 2021** – An honorary plaque for mutually beneficial cooperation and successful joint activities with the Federation of the Scientific Engineering Unions (FNTS),
- 2021** – Modern Awakener of Slatina District Award
- 2021** – Order of the Holy Metropolis of Lovech dedicated to St Novoselski Martyrs, for meritorious service
- 2021** – Honour badge of Hristo Yassenov Secondary School in Etropole
- 2021** – Honorary sign “Honoured Citizen of Sofia Region”
- 2021** – Red Cross Honorary Badge and a special Certificate of Merit in appreciation for Prof. Voutov’s personal contribution to the humanitarian causes of the organization
- 2020** – Mr Economy Award for Prof. Voutov’s overall contribution to the development of Bulgarian economy
- 2019** – HUMANITATIS CAUZA Statuette – the highest award of the Management Board of the Union of the Blind in Bulgaria
- 2019** – Award of the Bulgarian Chamber of Mining and Geology (BCMG) for Prof. Voutov’s contribution to the mining industry
- 2019** – Stara Planina Order, First Degree
- 2019** – Chairman’s Award of the Confederation of Employers and Industrialists in Bulgaria for overall contribution to the development of the Bulgarian economy. The award is conferred for long-term investments and growth, job preservation and creation, innovation and contribution to scientific and social activities.
- 2019** – Gold medal Dobri Zhelyazkov - the Factory Owner given by FNTS
- 2019** – Honorary title “Honoured Citizen of Etropole Municipality” for exceptional and outstanding services to the municipality’s development
- 2019** – Honorary sign of the University of Chemical Technology and Metallurgy
- 2019** – The highest award of the Bulgarian Chamber of Commerce and Industry – a bronze statuette HERMES
- 2019** – Special prize of InvestBulgaria Agency for outstanding contribution to the Bulgarian economy, scientific research and development
- 2018** – Order “For Humanism” – 1st grade of MANEB
- 2017** – Honorary title “Honoured Citizen of Lukovit Municipality”
- 2017** – Gold badge “Prof. Asen Zlatarov” of FNTS
- 2015** – Honorary Benefactor of FNTS
- 2015** – Honoured Miner of the Scientific and Technical Union of Mining, Geology and Metallurgy
- 2014** – Order “Honorary Star of MANEB”
- 2012** – Gold badge “Master Kolyo Ficheto” for the construction of Sofia Metro
- 2012** – Ecological Merit Medal of MANEB
- 2011** – Order of Merit to MANEB
- 2010** – Japanese Quality Award BOSEI - for Geotechmin OOD’s contribution to enhancing economic relations between Bulgaria and Japan and for applying best practices
- 2009** – Badge of Honour of the University of Architecture, Civil Engineering and Geodesy
- 2009** – Honorary member of FNTS
- 2005** – Medal “M. V. Lomonosov” of MANEB
- 2002** – Honorary member of the Scientific and Technical Union of Mining, Geology and Metallurgy
- 2002** – Gold medal “M.Eng. Mihail Momchilov”
- 1999** – Gold badge of FNTS
- 1983** – National Order of Labor - Gold - for the construction of Ellatzite Copper Mining and Processing Plant in the period 1976-1982

FOREIGN LANGUAGES

- English
- Russian