

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 Research and Design Institute of Mining and Ore Dressing, Sofia
- 1981-1982** Deputy Director, Production and Technical Division, Ellatzite Mine, Etropole
- 1979-1981** Chief Engineer, Ellatzite Mine, Etropole
- 1977-1979** Chief Surveyor, Ellatzite Mine, Etropole
- 1976-1977** Surveyor, 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** – Business qualification: Manager, awarded by Icom Intellect, Bulgarian-American Information Centre for Economics and Management
- 1990** – Business qualification: Manager, awarded by the Higher International School of Marketing and Management at MARCOM Bulgarian-French Centre
- 1976** – Master’s Degree in Engineering and 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 KRIB’s Management Board
- Since 2013** – Vice Chairman of the Balkan Academy of Mining Sciences
- 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 Coordination Committee, BALKANMINE Mining Association
- Since 2004** – Member of the Managing Board of the Bulgarian Chamber of Commerce and Industry (BCCI); Co-Founder of the Innovation Council at BCCI
- 2001 – 2020** Member of the Management Board of the Federation of 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. Tzolo 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 Blast-induced Fragmentation of Spilled Molten Copper. Certificate of Authorship, implemented in MDK “G. Damyanov”, town of Pirdop, **1976**

HONOURS AND AWARDS

- 2025** – Business Honoris Causa Award, category “Promoting Cultural-Historical Heritage and Spiritual Values”
- 2024** – Medal of Distinction of the President of the Bulgarian Academy of Sciences for outstanding services to the Academy
- 2024** – Doctor Honoris Causa awarded by the University of Mining and Geology “St. Ivan Rilski”
- 2023-2024** – Two consecutive Annual CSR Awards from the Bulgarian Chamber of Mining and Geology for the Bulgarian Virtues Charity Programme
- 2023** – Business Honoris Causa Award for humanitarian service and support to the needy
- 2023** – Sign of Bulgarians Plaqueette conferred by Sofia Regional Governor Yulian Lekov
- 2023** – Henry Dunant Badge of Honour for Humanity awarded by the Bulgarian Red Cross
- 2022-2024** – Award for Overall Contribution to Enhancing Higher Education, Science and Academic Facilities of the University of Mining and Geology “St. Ivan Rilski”
- 2022** – Business Honoris Causa Award for the Bulgarian Virtues Charity Programme
- 2022** – Gold Medal of the Bulgarian Red Cross
- 2022** – Support for Young Talents Award given by Standard Newspaper
- 2021** – Honorary Plaqueette for mutually beneficial cooperation 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 organisation
- 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” awarded by FNTS
- 2019** – Honorary title “Honoured Citizen of Etropole Municipality” awarded for exceptional contribution 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 – HERMES Bronze Statuette
- 2019** – Special prize of InvestBulgaria Agency for outstanding contribution to the Bulgarian economy, scientific research and development
- 2018** – Order “For Humanism” – 1st grade, awarded by MANEB
- 2017** – Honorary title “Honoured Citizen of Lukovit Municipality”
- 2017** – Gold Badge “Prof. Asen Zlatarov” awarded by FNTS
- 2015** – Honorary Benefactor of the Federation of the Scientific Engineering Unions (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” awarded for the construction of Sofia Metro System
- 2012** – MANEB Environmental Merit Medal
- 2011** – Order of Merit of 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** – “M. V. Lomonosov” Medal awarded by 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 Labour – Gold, awarded for the construction of Ellatzite Copper Mining and Processing Plant in the period 1976-1982

HONORARY CITIZENSHIP:

- 2025** Honorary Citizen of Sofia
- 2025** Honorary Citizen of Chelopech Municipality
- 2025** Honorary Citizen of Zlatitsa Municipality
- 2018** Honorary Citizen of Etropole Municipality
- 2017** Honorary Citizen of Lukovit Municipality

FOREIGN LANGUAGES

- English
- Russian