



### Prof. Emer. Mladen HUDEC, PhD, CEng (1924-2004)

Mladen Hudec, Professor Emeritus of Civil Engineering, B.S.C.E., M.S.C.E., Ph.D. University of Zagreb, Croatia built a distinctive opus of scientific, professional and educational work in 50 years of his professional career as the engineer and the university professor. Born in Slunj in 1924, graduated in Civil Engineering from University of Zagreb. Worked as the assistant lecturer at the University of Sarajevo, and as the university professor at the Faculty of Mining, Geology and Petroleum Engineering (RGN), University of Zagreb. He was the author of more than eighty professional and scientific works in various fields of construction engineering and biomechanics, and of a number of textbooks and as coauthor of several textbooks and manuals. He was active in the fields of model testing, structural engineering and theoretical debates. More than thirty underground projects were carried out in Croatia, Bosnia and Herzegovina and Slovenia based on his designs. He took part in the construction of 40km of tunnels in Croatia in the role of the supervising engineer. He was the president of the Yugoslav Tunnelling Association, and subsequently of the Croatian Tunnelling Association, and the founder and the first president of ITA Croatia. In his approach to problem solving he did not stop at the first solution but tried persistently for new possibilities yielding new outlooks on a problem. In his last years he was active in research on history of tunnelling and writing a book on tunnelling.



### Davorin KOLIĆ, PhD, CEng, PEng

Born in Zagreb in 1961, earned PhD level from Faculty for Civil Engineering, University Zagreb. Won 3 times Rector's Price of the University of Zagreb. Since 1990 active in underground projects as design manager, project leader or checking engineer on different tunnelling, subway or underground space structures in Paris, Lille, Seattle, Puerto Rico, Munich, Vienna, Budapest, New Delhi, Seoul, Hong Kong, Singapore, as well as on several underground projects in Northwestern China. In 2000 he was awarded first prize for the best international consultant of Austria for the Wanjiazhai Yellow River Diversion Project in China. Author of 85 scientific and technical papers, coauthor of 3 guidelines on design and construction of underground structures in Austria and EU. Cofounder and coorganizer of series of congresses on concrete engineering CCC, founder of „Croatian society for concrete engineering and construction technology” HUBITG.



### Svjetlan HUDEC, MEng, CEng, PEng

Born in Sarajevo in 1958. Graduated in civil engineering from University of Zagreb, and earned Masters Certificate in Applied Project Management at the Villanova University, USA. As the employee of Elektroprojekt d.d. he was responsible for calculations and remediation of concrete dams and remediation of hydrotechnical tunnels in Croatia and Bosnia and Herzegovina. In the course of the last ten years he was active in the field of the environmental engineering, particularly the remediation of landfills, and preparation of projects and tender documents for EU financed projects. He designed over thirty landfills in Croatia, Bosnia and Herzegovina and Slovenia. As the consultant of the Delegation of the European Commission to the Republic of Croatia he was responsible for monitoring of project execution under the PHARE 2005 program for development of the business infrastructure. Owner and director of Hudec Plan Ltd.



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TUNELI - Iskop i primarna podgrada  
TUNNELS - Excavation and primary support

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D. Kolić  
S. Hudec

Mladen HUDEC, Davorin KOLIĆ, Svjetlan HUDEC

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