

# CURRICULUM VITAE

1. **Name :** Davorin KOLIC,  
PhD, MSc, BSc, Civ. Eng., P.E.(Cro, Aut)

2. **Profession :**  
Expert in Tunnel Engineering  
Civil Engineer with 31 years of experience

3. **Date of birth**  
January 15, 1961

4. **Nationality**  
Austria



5. **Education**

1979 – 1985	University of Zagreb, Faculty of Civil Engineering, “Graduated Civil Engng.” Dipl.-Ing.; B.Sc. Thesis
1988	Registered Chartered Engineer, Croatia
1987 – 1991	Postgraduate Study (M.Sc. Degree)
1998	M.Sc.Thesis
2003	Registered Chartered Engineer, Austria (ZT)
2008	Ph.D. Thesis

6. **Memberships** Member of ITA Executive Council (2012-2019);  
President of ITA Croatia-Croatian Association for Tunnels and  
Underground Structures

7. **Language & degree  
of proficiency**

Croatian:	mother tongue
Slovenian:	excellent (read, spoken, written)
English:	excellent (read, spoken, written)
German:	excellent (read, spoken, written)
Spanish, French, Italian, Russian:	basic knowledge

8. **Countries of work  
experience**

Croatia, Austria, Turkey, USA, Italy, France, Germany, Taiwan,  
South Korea, Great Britain, Singapore, Hong Kong, Belgium, PR  
China, Hungary, Puerto Rico, India, Sri Lanka, Bulgaria, Romania,  
Ukraine, Russia, Kazakhstan, Chile, Slovenia

## 9. Employment record

08/2012 – date	<b>GEODATA Austria GmbH, Linz, Austria / GEODATA Tunel doo, Zagreb, Croatia</b> Managing Director
01/2003 – 07/2012	<b>NEURON CONSULT ZT, Linz, Austria / NEURON ZAGREB doo, Zagreb, Croatia</b> Founder and Owner / Managing Director
12/1998 – 2002	<b>D2 Consult, Linz / D2 Consult Zagreb d.o.o., Zagreb, Croatia</b> Head and Partner of Croatia Branch Office, Division Manager,
11/1996 – 11/1998	<b>ALPINE BAU GmbH, Linz, Austria,</b> Project Manager
08/1994 - 11/1996	<b>Technical office MAYREDER BAU GmbH, Linz, Austria,</b> Project Manager
10/1991 - 08/1994	<b>Ingre. MAYREDER, KRAUS &amp; Co. CONSULT, Linz</b> Project Engineer, since March 1993 Project Manager
02/1990 – 10/1991	<b>University of Zagreb, Faculty for Civil Engineering.,</b> University Assistant
04/1985 - 10/1991	<b>Engineering and Designing Office(IPZ), Zagreb, Croatia</b> Project Engineer

## 10. Projects

**Design and Analysis, Construction Supervision, Technical Assistance, Management :**

### 11.1 Tunnels and Subways :

#### Site Project Management :

PR China:  
1997-98                      Shanxi Yellow River Diversion Project, Lot I , Shanxi Province

#### Calculation for tenders:

Germany :  
1995                      BEWAG , Berlin  
1996                      Hachingerstollen, München  
1997                      Hofoldingerstollen, München  
1997                      Wolfgrubentunnel, Austria

Belgium:  
1997                      Traversee de la Meuse et Traverse du Canal Albert

#### **Design and Analysis, Construction Supervision, Technical Assistance:**

Turkey:  
1992-1994                      Adana Tunnels P4, P3a, P3b  
1991-1992                      Balcova Tunnels P1, P2, P3

USA:  
1992                      Tunnels Armadillo,Arizona

1992	Metro Washington, Stations Georgia Ave., Columbia
1992	Metro Los Angeles, Stat.Hollywood/Highlands
2000	Subway Seattle , Line 1 , LB 235 Package
France:	
1993-96	EOLE Ligne, Paris
1993-95	Metro Ligne2, Sec"F", Lille
1995-96	VL-10 Troncon Central, Paris
2001, 2005	SOCATOP Tunnel VL1
Taiwan:	
1995	Metro Taipeh, Section C258a
South Korea:	
1995-1996	Shin Dang – Han Nam, Cable Tunnel, Seoul
England:	
1996	Hastings Flow Storage Tunnel, L=13000m
1997	Channel Tunnel Rail Link, L = 8.000 m, D = 7,50 m
Hong Kong:	
1996-1997	Aqueducts Tai Po – Butterfly Valley
2000-2002	Tuen Mun Area 56
2005-2008	Kowloon Eastern Railway Link, KDB400E, Cherry Road
2006-2008	Lamma Island, Duct tunnels
PR China:	
1999	Wanjiazhai Yellow River Project Lot 2 and Lot 3, Shanxi Province
2001-03	Shanxi-Qilin Road Rehabilitation Project, Shanxi Province
Greece :	
1998	<u>Maliakos Immersed Tube</u>
Hungary:	
1999	Metro Line 4 , Budapest
Singapore:	
1997	Metro Singapore, North-East Line, Contract 710
1999	DTSS Changi Tunnel, Contract T-01
	DTSS Ang Mo Kio Tunnel, Contract T-04
	DTSS Queensway Tunnel, Contract T-06
2005-2008	Metro Singapore, Circle Line, Contract 855
Puerto Rico :	
1999	Subway San Juan, Tren Urbano Line, Minillas Extension
India :	
1999-2000	New Delhi Metro, Package MC1B

Austria :	
1998-1999	Plabutsch Tunnel, 2 <sup>nd</sup> Tube, Graz, Austria
2001	Vienna Subway, Section U1/1 Kagranerplatz
2000-2003	Koralmtunnel
2003-2004	Wienerwaldtunnel
2004-2005	Graz Hauptbahnhof Kabelkollektortunnel
Croatia :	
2000	Tunnel MALA KAPELA
2003	Tunnel JUSICI
2004-07	6 tunnels on Highway Zagreb-Macelj, Independent Engineer
2005-2006	Light Rail Zagreb, Phase 1
2005-2007	HPP Dubrovnik II
2005-2008	HPP Ombla
2005-2009	Peljesac immersed tube crossing
2012-2013	Light Rail Zagreb , Phase2
2012-2013	Immersed tubes in Split port , Tunnel to Kastela and in South Port
2015-2016	Peljesac crossing
Slovenia :	
2009-2011	Tunnel rehabilitation : Kriziski,Jurgovski,Lezeski
2009-2010	Tunnels (6) on railway Divaca-Koper, Section 1:Koper-Crni Kal
2010-2011	Tunnels (2) on railway Divaca-Koper, Section 2:Crni Kal-Divaca
2011-2012	Tunnel Sezana, Section Trieste-Divaca
2015-2017	Tunnels (8) on Divaca-Koper , 2 <sup>nd</sup> track new railway line
Chile :	
2012-2015,2017	Hydro scheme Alto Maipo Co.630/620A/620B/610

## **Design and Analysis, Construction Supervision and Technical Assistance :**

### **11.2 Bridges :**

#### **Croatia:**

1987-88	Bridge Limska Draga L=80+120+160+120+80m,steel-box girder
1988-89	Bridge Rijeka Dubrovacka, L=300+80m, cable-stayed
1990-91	Bridge Maslenica, L-bog = 155m, steel arch, reconstruction
1990-91	Bridge Zapresic, L= 50+100+50m, steel-box girder
1990	Bridge Podsused, L= 30+42+42+30m, steel box grillage
1990	Bridge Tijesno, L=40 m, steel grillage
1989	Pedestrian bridges, 4 bridges, helicoidal steel box girder
1985-91	Adhesively prestressed prefabricated bridges, 19 bridges
1989-91	Bridges with continuous reinf.concrete plates, 3 bridges
2003-06	Bridge over Mura L= 32,5+42,0+32,5 m, composite
2005-06	Bridge Jankomir II , L= 330 m, composite girder
2005-07	Bridge Peljesac, L = 2300 m, steel / composite variants
2005-07	Bridge Spacva , L= 80 m, steel Langer girder
2015-16	Bridge Peljesac, L =2440 m, Checking Engineer - Main Design

#### **Germany:**

1994	Bridge Müglitz
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1994 - 1995	Chemnitzbrücken, Chemnitz I and II
1995	Brücke Zabeltitz
1995	Brücke Weißenfels BW 1
1995-1996	Saubachtalbrücke, railway arch bridge, $L_{\text{arch}}=170\text{m}$ , $L=256\text{m}$
1995	Teufelstalbrücke, roadway arch bridge, $L_{\text{arch}}=138\text{m}$ , $L=253\text{m}$

**Austria:**

1999	TÜ Gernitzbach, $L = 161 \text{ m}$
2000	Dopplbrücke, roadway arch bridge, $L_{\text{arch}}=116\text{m}$ , $L=253.6\text{m}$

**PR China:**

2001-2003	Shanxi Road Development Project, TA for Bridges for ADB (free cantilevered, precasted hollow-box continuous and simple span girders of lengths 100 -1000 m)
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**Bulgaria / Romania:**

2003-2004	Danube bridge Vidin (BG) – Calafat (RO), $L=2200 \text{ m}$ cost estimation and evaluation procedure of different bridge variants, optimization of river crossings
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**Sri Lanka:**

2004-2005	BoQ and cost estimation for 5 steel bridges on roads southern from Colombo with lengths of : Hirana 32+60+32 m, Weralugastotupola 25+25+25 m, Molkassa 26+26+46+26 m, Lathpandura I 35m, Lathpandura II 25 m
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**Slovenia:**

2016-2017	Railway Divaca -Koper, Viaducts: Vinjan 647 m, Gabrovica 452 m
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**11. Books / Guidelines / Articles :**

Published as an editor 3 guidelines , 11 books and more than 125 technical articles about conventional and mechanized tunnelling on high-speed railway and metro projects, hydro energetics projects and about bridges.

Lectures on different Universities and Engineering Chambers as :

- Politecnico Torino, Master Study “TBM Technology”
- University Salzburg, Master Study “Intercultural Competence”
- Technical University Vienna : Master study “International Project Development”
- University Split : Pre-graduate study , “TBM Tunnelling”