

Curriculum Vitae

VILLALMANZO RESUSTA, David-Ibán

CURRENT POSITION

Name of company

Job position

ADIF (Administrador de Infraestructuras Ferroviarias) *Head of Area Strategic Analysis R+D+i*

PROFESSIONAL BACKGROUND

Civil Engineer graduated from the Technical University of Madrid (UPM) with more than 20 years of experience in the railway sector. He worked for FCC (*Fomento de Construcciones y Contratas*) and then joined RENFE in January 2002. Since 2005, he has been a member of ADIF (*Administrador de Infraestructuras Ferroviarias*) and has been part of its Management Structure since then, mostly specialising in Track Infra & Superstructure Design, Maintenance and Construction. He was designated as Deputy Director Track in 2015.

After a three-year stint (2017-2020) in Paris as Senior Advisor and Coordination Head of Infrastructure at the International Union of Railways (UIC), in July 2020 he rejoined ADIF in his current R+D+I job post. Currently, while working with ADIF, he's occupying the Chairmanship for the UIC TTI sector (formerly Train-Track Interaction). In parallel to his professional activity, he continues his PhD studies in Civil Engineering at the UPM, also completing different Master level studies about Transparency and Public Governance.

EDUCATION AND TRAININGS:

November 2020 – June 2021: ESADE Business School. Executive Program. Governance in the Public Sector (50 hours) in Madrid (Spain)

July 2019: ETCR Seminar on EU Transport and Railway Affairs in the College of Europe (100 hours) in Bruges (Belgium)

2007: Spaniard Society for Maintenance (*Asociación Española de Mantenimiento (AEM)*) (<http://www.aem.es>) ISCED 6: Certified expert in Maintenance Management according to EFNMS criteria (European Federation of National Maintenance Societies)

September 2007 – present: PhD studies in Civil Engineering (ISCED 8): Transportation in Technical University of Madrid (UPM) (*Universidad Politécnica de Madrid (www.upm.es)*). Still on-going, with a post-graduate diploma, only pending thesis lecture. Field: Railway track geometry degradation models

October 2006 – June 2007: ESADE Business School (www.esade.edu). Madrid (Spain). (ISCED 6). Executive Program Management Training: Financial management, operations management, project management and marketing (50 hours)

2004: *Fundación de los Ferrocarriles Españoles (FFE) / UCM (Universidad Complutense de Madrid)* (www.ffe.es). (ISCED 7). Ground transportation specialist program

September 2001 – June 2005: School of Economical Sciences. UNED (www.uned.es). Unfinished studies (ISCED 7) on Microeconomics, macroeconomics, statistics, econometrics, public economics, applied economics

1999: Technical University of Madrid (UPM) (*Universidad Politécnica de Madrid*). Civil Engineering School (<http://www.caminos.upm.es>). Madrid (Spain)) (ISCED 7): Master's degree in Civil Engineering

EXTRAS:

Publications:

- “Earthworks and track bed construction for Railway Lines” – Revista de Obras Públicas (ROP) nº3627 March-April 2021
<https://www.revistadeobraspublicas.com/experiencias/obras-de-tierra-ferroviarias/>
- “Rational criteria for settlement limits applied to ballastless track systems”. December 2016. 10th National Symposium on Geotechnical Engineering.
<http://hdl.handle.net/10630/12584>
- “A computational procedure for prediction of ballasted track profile degradation under railway traffic loading” November 2016 Proceedings of the Institution of Mechanical Engineers Part F Journal of Rail and Rapid Transit (JRRT)
<http://dx.doi.org/10.1177/0954409715615374>
- “Maintaining high-speed tracks on the Spanish network”, Global Railway Review. Issue 5. September 2014.
<https://www.globalrailwayreview.com/article/74622/maintaining-high-speed-tracks-spain/>