

Alvaro J. Riascos Villegas studied pure mathematics at the Universidad de los Andes in Bogotá, Colombia. He holds an M.Sc and a Ph.D in applied mathematics from Institute of Pure and Applied Mathematics of Rio de Janeiro (IMPA) in Brazil. He has been a visiting professor at the University of California in Los Angeles, IMPA in Rio de Janeiro; Kellogg School of Management at Northwestern University, a Visiting Fellow at the International Monetary Fund in Washington D.C., Cowles Foundation for Economic Research at Yale University; a Research Associate at JP Morgan in New York, consultant for the World Bank, Inter-American Development Bank and for nine years a Senior Research Economist at the Central Bank of Colombia. His main academic interests have been in mathematical economics, the application of mathematics to industry problems and in particular, the application of machine learning to public policy problems. He is the author of the text: *Mathematical and Computational Methods in Macroeconomics* (Uniandes 2009). In 2005 he joined Faculty of Economics at the Universidad de los Andes where he is currently an associate professor. He is founder and director of Quantil (www.quantil.com.co), a company started in 2008 dedicated to the application of mathematics to industry problems, and the Center of Analytics for Public Policy (www.centroanaliticapp.org). Between 2019 – 2021 he served as a Board member of Colombian Independent Electricity System Operator (XM) and between 2018 - 2022 he was a member of the Investment Committee of *Bancolombia* holdings. He currently serves as a principal board member of the Colombian Mathematical Society (SCM). See also: www.alvaroriascos.com.

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He has also received the following **awards and recognitions:**

- Fellowship: Central Bank of Colombia (1998-99)
- Fellowship: Government of Brazil (1993-1996)
- Prize: Best paper in monetary policy. Central Bank of Guatemala. Rodrigo Gomes Prize 2005.
- Prize: First Place National Physics Olympiads (1987).
- Prize: Tenth Place National Mathematics Olympiads (1987).