



Krishna PARAMESWARAN

Professional Curriculum Vitae

Born March 1946, married, one child

1. Academic Training

- Education:
 - Bachelor of Technology (1964-1968) Metallurgical Engineering; Indian Institute of Technology, Mumbai, India.
Senior Project: Electrolytic Iron from low-grade hematite ore of Goa.
 - Master of Science (1969-1971) Metallurgical Engineering; University of Rolla, Rolla, Missouri, USA
Thesis: Phase equilibrium in the iron-copper-carbon system Advisor: Dr. A.E. Morris.
 - Doctor of Philosophy (1971-1974) Metallurgy; The Pennsylvania State University, University Park, Pennsylvania, USA.
Thesis: A Calorimetric Investigation of the Copper-Zinc System Advisor: Prof. G.W. Healy.
 - Courses (1974-1978): Xerox Selling, Sager Speech, Energy Conservation, Engineering Economy, Macroeconomics, Microeconomics and Financial Management, Arthur D. Little Inc. Management Education Institute, Cambridge, Massachusetts, USA.

2. Work Experience

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| <i>1969-1971</i> | Research assistant, Department of Metallurgical Engineering, University of Missouri at Rolla, Missouri, USA. |
| <i>1971-1974</i> | Research assistant, Department of Metallurgy, The Pennsylvania State University, University Park, Pennsylvania, USA. |
| <i>1974-1981</i> | Arthur D. Little, Inc., Professional Staff Member-Chemical and Metallurgical Engineering Section, Cambridge, Massachusetts, USA. |
| <i>1981-1986</i> | ASARCO Inc., Senior Research Engineer-Central Research Department, South Plainfield, New Jersey, USA. |
| <i>1986-1996</i> | ASARCO Inc., Senior Analyst- Government Affairs Department, New York, New York, USA. |
| <i>1996-2001</i> | ASARCO Inc., Manager Regulatory Development-Government Affairs Department, New York, New York, USA. |

<i>2001-2002</i>	ASARCO Inc., Director State and Federal Regulatory Affairs-Government Affairs Department, Morristown, New Jersey, USA and Phoenix, Arizona, USA.
<i>2002-2015</i>	ASARCO LLC (formerly ASARCO Inc.), Director Environmental Services and Compliance Assurance-Environmental Affairs Department, Phoenix and Tucson, Arizona, USA.
<i>2015-Present</i>	tfgMM Strategic Consulting, President, Scottsdale, Arizona, USA.

3. Trade Association Service

<i>1986-1987</i>	Chairman The Metallurgical Society of the American Institute of Mining Metallurgical and Petroleum Engineers (TMS-AIME) New Jersey Section; previously served as Founding Committee member, Secretary/Treasurer and Vice Chairman of the organization.
<i>1986-1996</i>	Represented ASARCO Inc. on the American Mining Congress, Business Roundtable, International Copper Research Association, International Lead Zinc Research Organization, Lead Industries Association and Secondary Lead Smelters Association.
<i>1996-2001</i>	Represented ASARCO Inc. on the National Mining Association, Business Roundtable, International Copper Association, National Association of Manufacturers, Lead Industries Association and American Policy Council.
<i>2002-2015</i>	Represented ASARCO LLC (ASARCO Inc.) on the Board of Directors, Executive Committee and chaired the Government Affairs and Lands Committee of the Arizona Mining Association.
<i>2019- Present</i>	Represent tfgMM Strategic Consulting on Global Reporting Initiative (GRI) Community.

4. Federal and State Advisory Bodies

<i>1998-2001</i>	Served as an advisor on the Department of Energy (DOE) Mining Industry of the Future Program as a member of the National Mining Association (NMA) Technology Committee.
<i>2001-2003</i>	Represented ASARCO Inc. on the U.S. Forest Service Minerals Sustainability Roundtable. The objective was to develop measures (indicators) of sustainable development for mineral/material and energy systems that would be broadly applicable.
<i>2005-2010</i>	Represented ASARCO Inc. on the Middle Gila Canyon Partnership. It resulted in the development of a comprehensive access and travel management plan for public lands in the Middle Gila Canyons which was approved in 2014.
<i>2013-2014</i>	Served on the Advisory Committee of the Arizona Department of Environmental Quality (ADEQ) Voluntary Environmental Stewardship Program.
<i>2014-Present</i>	Member of the Arizona Bureau of Land Management (BLM) Resource Advisory Council (RAC) representing mineral and energy interest for a second term that expires September 2021. The RAC advises the BLM state Director on public land management issues.

Krishna Parameswaran

Personal and Professional Data

Birth date (and place): March 8th, 1946 (Chennai, India).

Citizenship: United States of America (by naturalization).

Marital Status: Married, one child

Titles: Doctor of Philosophy (Ph.D.)
Member Arizona Bureau of Land Management (BLM) Resource Advisory Council.
Member Society of Mining Engineers (SME)
Member The Minerals, Metals & Materials Society (TMS)
Member American Society for Metals (ASM) International
Member Environmental Professionals of Arizona (EPAZ)

Positions and Affiliations: President, tfgMM Strategic Consulting.

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