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Title: GLOBAL ENGINEERING: WHAT'S OUT THERE FOR ME?

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Abstract: As various countries and economies develop throughout the global marketplace, invariably requirements develop for all disciplines of Engineering for successful development of the respective society. To be successful in Global Engineering as with any technical or service-oriented discipline, a “niche” must be developed and improved upon to be successful in the global marketplace. While this presentation is general in nature, Global Engineering will be described with practical anecdotal examples of successful completion of engineering projects from a global perspective. The presentation will elaborate on the following sub-topics:

- Briefly discuss motivational aspects of the Global Engineering process through the Wheel of Self-Worth and Key Success Factors from a Global Perspective. A real-world international, multi-national/multi-cultural Telecommunications project will be described to demonstrate the power of Key Success Factors through interaction between various cultures in successful project completion.
- A brief discussion will be provided describing typical Career Paths for Engineers upon successful completion of their academic experience. The concept of TRIZ will briefly be discussed with the goal of system optimization.
- A brief status of the various world economies and developing countries will be presented with the Author’s perception and knowledge of Global Engineering opportunities from several Engineering discipline viewpoints.