

## **Michael Gonzalez**

Michael is currently Chief of the Systems Analysis Branch in the Sustainable Technology Division. His branch performs research in the areas of Life Cycle Assessment, Life Cycle Impact Assessment, Industry Ecology and Sustainable Chemistry. Michael has also served as the Senior Advisor of Green Chemistry to the Office of Research and Development (ORD) and was responsible for integrating Green Chemistry into the ORD research portfolio. Trained as a catalyst and synthetic inorganic chemist, Michael's research interests have focused on the design of green chemical synthesis routes. More recently his interests have moved into the intersection of chemistry and chemical engineering. This includes the development of process intensified chemical pathways and using novel chemical reactor systems to influence chemical route design. Michael is also a co-inventor of EPA's GREENSCOPE tool which can evaluate a chemical synthesis or process for its sustainability value in the areas of environment, efficiency, energy and economics. Michael has published articles in the subject area of sustainability, green chemistry, and green engineering and sustainability indicators for chemical processes. Michael earned his Bachelor of Science in Chemistry from the University of Texas – El Paso in 1992. He then went on to pursue his Doctorate in the area of Inorganic Chemistry at the University of Florida, under the direction of Professor Russell S. Drago.