

## Vita

Eva Brunilda Cruz Morel comes from the city of Santiago de los Caballeros, in the heart of the Dominican Republic. She was born there on January 18, 1968, and performed undergraduate studies at the Pontificia Universidad Católica Madre y Maestra, graduating "Summa Cum Laude" in 1989 with an equivalent Bachelor's degree in Electronics Engineering. In 1990, she joined the graduate program in the department of Mining and Minerals Engineering at Virginia Polytechnic Institute and State University, to pursue a Master of Science degree. The title of her thesis was "Simulation of Computer Control Strategies for Column Flotation", which she defended in April, 1994. After deciding to continue in graduate school to complete Ph.D. studies, Ms. Cruz has worked mainly on column flotation modeling and on investigating the applicability of various sensor technologies to the mineral industry, with emphasis on image processing techniques.