



GSTS™

Navigate Tomorrow Today

Dr. Ana Luisa Alfaro

Dr. Alfaro has a background in Electrical and Computer Engineering, an MSc in Modern Optics and a PhD in Space Physics. She joined COM DEV in 2009 as part of the Space Mission Group. Her analyses and simulations supported decisions to develop a multi-million dollar satellite-based monitoring system for AIS ship signals, intended to support marine safety and security as well as defence and commercial activities.

She has worked on projects for Defence Research and Development Canada (DRDC), Transport Canada, APEC, the European Space Agency and the Canadian Space Agency, including a major international Phase A mission study for which she modeled signals propagation and detection from a global sensor network.

In 2013, Dr. Alfaro joined GSTS as Chief Scientist and promoted to Chief Science Officer in 2018. Ana is the science lead for OCIANA™, an artificial intelligence maritime services platform that uses AI to transform maritime data into actionable decision-making information for defence, civil and commercial users.