

Transcending Societal Issues for Space Exploration (12)
Transcending Societal Issues for Space Exploration (1) (1)

Author: Mr. Nathaniel Dailey
The MITRE Corporation, United States, ndailey@mitre.org

GLOBAL FRAMEWORKS FOR SOCIO-TECHNO ARCHITECTURES TO TRANSCEND
SOCIOPOLITICAL CONSTRAINTS WITH SYSTEMATIC TRANSPARENCY, CONFIDENCE
BUILDING, AND TRUST.

Abstract

In what ways can a modified enterprise architecture framework for the space domain serve as an instrument to implement the desired policy outcomes of “Peace through Strength and Friendship”? Through extensive literature review, original research in the field and a series of space-related panel discussions, I conducted doctorate level scholarly inquire for the hypothesis that international constructive engagement (e.g. multilateral scientific and technical forums), through means of modified enterprise architecture and space public diplomacy, may ameliorate modern societal problems of a lack of space governance and results of “technology opening up doors faster than we can use.” I tested a modified space architecture framework for utility of fostering transparency and international confidence building measures. This study is intended to assist international institutions with establishing agreeable rules for evolving space flight safety and exploration. In this way a space architecture framework may be a tool for synchronizing rapidly advancing technologies cohesively with space policy and subsequent constructive engagement in the responsible use of space among nations and commercial industry alike.