

Human Dynamics: Threats to our national security embodied in terrorism, insurgency, and asymmetric warfare cannot be addressed only by physical means in the natural environment. They emerge from and act through the social and cultural environments in which people interact with each other, with groups, and with broad movements. Human dynamics, the realm of study and operations in those environments, is recognized as crucial to dealing with these threats. This issue of the *Johns Hopkins APL Technical Digest* presents several APL efforts aimed at increasing our understanding of and ability to operate in these social, cultural, and behavioral domains.

Outer Planetary Exploration: One of the scientific goals of a mission to Jupiter is to investigate the potential habitability of Jupiter's ocean-bearing moon Europa, as described in the last article of this issue.

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