chapter leads. It is our hope that this report provides a useful service to DoD which could be very sudden and dramatic in the years ahead.

To whether the same tools, methods, and approaches provide an analytically delivery

W80 warhead for air-launched cruise missiles.

SLBMs, the W78 and W87 warheads for ICBMs, the B61 and B83 bombs, and the

COM) to gain their perspectives on deterrence in regional settings.

have an opportunity to visit the regional combatant commands (as it did STRAT-

1 INTRODUCTION

SUMMARY

What Should Be the Basis of Nuclear Employment Planning?

Paths to the Present

Analysts

Methods

Analysis Plan

Strategic Portfolio Analysis

Exploratory Analysis and Robust Decision Making

Understanding and Affecting Receptivity to Messages

Game-Structured, Agent-Based Modeling

Factor Trees, Cognitive Maps, and Cognitive Models

System Diagrams of System Dynamics, Bayesian Nets, and Influence

Qualitative System Modeling

Complex Adaptive System Theory

Computational Experimentation

Content Analysis and Profiling

Big Data Mining

Nuclear Command and Control

Weapons and the Stockpile

Maintaining the Reality and Perception of Safe, Secure, and Effective Nu-