

Regional Initiatives in Modeling & Simulation: Southeast/South Central

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Outline

- Technology
- Workforce development
- Industrial development & organizational relations
- Business practice & economic impact

Presentation format:

Item title

- Description
- Significance
- AMSC recommended action

Presentation available:

cmsa.uah.edu > Downloads



Presentation source:
AMSC Position Paper

Technology

- Conceptual modeling
 - Abstract model identifying objects, actions of interest
 - Valuable for setting requirements, designing model
 - Support establishment of M&S research agenda
- Distributed test & evaluation
 - Networked M&S environment for T&E
 - Enables linkage of distributed LVC assets
 - Support R&D in distributed T&E frameworks
- Virtual targets
 - Validated digital models (IR, RF, visual) of targets
 - Reusable models, accessible on-line
 - Continue support for this on-going activity



Workforce development

- M&S Body of Knowledge
 - On-line organized index of topics composing M&S
 - Defines discipline for education, training, certification
 - URL reference in Caucus page to BOK page
- CMSP revitalization
 - Updates (process and questions) to CMSP exam
 - Professional certification enhances M&S competence
 - Consider CMSP certification in acquisitions
- M&S degree program
 - University degree program (M.S., Ph.D.) in M&S
 - Produce graduates well-prepared for M&S work
 - Implement “M&S Programs” portion of H.R. 4137

Industrial development & organizational relations

- National M&S peer-to-peer relationships
 - AMSC engagement with other M&S organizations
 - Fosters coordination, collaboration, dissemination
 - Support requirements for national M&S consortium
- Government, industry, academic collaboration
 - AMSC engagement with M&S community
 - Understand M&S agendas, infrastructure, usage, needs
 - Establish channels to government M&S users

Business practice and economic impact

- Economics of M&S
 - Understanding of business model for M&S enterprises
 - M&S benefits sustained by M&S business success
 - Maintain awareness of M&S economics activities
- Base Realignment and Closure
 - Significant BRAC moves into AMSC region
 - Growth and change in region's M&S activities
 - Fully support “brick and mortar” BRAC components
- NAICS codes
 - Standard codes to classify businesses; no M&S code
 - Used for official statistics, analysis
 - Request status of M&S codes from Census, SBA

