The Changing Role of Planning & Analysis in Software Development and Acquisition

Joint Information Technology and Software Cost Forum 2021

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Presenters

- **Your Host:**
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- **Color commentary and in-depth analysis:**
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Format of This Presentation

We asked a set of subject matter experts a set of six questions relevant to today’s industry.

You will be presented with these same questions in real-time polls.

SME responses to the questions will be presented as we review the polls and briefly discuss.
Is IT Cost Analysis Modernization Needed?

WE GATHERED INDUSTRY SUBJECT MATTER EXPERTS TO DISCUSS CURRENT AND FUTURE ISSUES SURROUNDING THE FIELD OF IT COST ESTIMATION.

“Is IT cost estimation overdue for modernization?”

“Do the current tools and methodologies meet client needs?”
#1 Introduction Video
Agile in the Federal Space

How widespread is Agile development in your organization? How is supporting an Agile program different than Waterfall?

→ Audience, give us your feedback through our poll!

Roll #2 Video, Agile
Changing Customer Expectations

How have client expectations of software cost estimation deliverables changed?

→ Audience, give us your feedback through our poll!

Roll #3 Video, *Changing Customer Expectations*
Changing Skillsets

What skill sets will be required of the software estimator as the industry evolves?

➔ Audience, give us your feedback through our poll!

Roll #4 Video, Changing Skillsets
Role of AI

What role should Artificial Intelligence and data analytics play in software estimation?

→ Audience, give us your feedback through our poll!

Roll #5 Video, *Role of AI*
Influence of JASI

What influence has Joint Agile Software Innovation group has had on the federal estimation community?

→ Audience, give us your feedback through our poll!

Roll #6 Video, Influence of JASI
Future of Software Cost Estimation

What’s the future for the field?

Roll #7 Video, FUTURE OF THE FIELD
ICEAA SCEBoK Review Group (ISRG) led by Carol Dekkers and supported by international cadre of software estimation SMEs

SCEBoK 1.0 to be released by ICEAA (in partnership with DAU)

Carol and ISRG members will present SCEBoK curriculum (9 lessons) at ICEAA 2021 Training Summit

Roll #8 Video, SCEBoK
You can direct questions to presenters or SMEs (provided they are here and want to talk)