

## **GSAW 2023 Tutorial B:**

### Agile Approaches for Ground Systems

#### **Overview:**

An overview of the Agile framework and an introduction to the Scrum development process. Common myths and misconceptions will be covered along with when and when not to this Agile approach. How Agile is different in acquisitions and what can be expected both pre-award and post-award. How other federal government agencies are using Agile?

- Agile manifesto and principles
- Agile roles and responsibilities
- Agile milestones and battle rhythms
- Agile milestones and project planning
- Agile requirements and testing
- Agile for large scale programs
- Agile lessons learned on ground systems

**Instructors:** Jodene Sasine and Joanne Succari, The Aerospace Corporation

#### **Biographies:**

**Jodene Sasine** is a Senior Engineering Specialist in the Software Systems and Acquisition Department at The Aerospace Corporation. Her areas of expertise and interest are Agile software methodologies, project and program management, and software development. She has over 25 years of experience developing software systems for Aerospace, Automotive, and Consumer Goods industries. Jodene is a Certified Scrum Product Owner, PMI-certified Project Management Professional, and has been a practitioner of Agile methodologies since 2002. Her experience spans a variety of domains including customer relationship management systems, connected vehicle technologies, aerospace systems, product data management systems, enterprise data warehousing, and operations and demand planning systems. Jodene has a B.S. in Computer Science and an M.S. in Computer Science, both from Loyola Marymount University, Los Angeles.

**Joanne Succari** is a Senior Project Leader in the Software Systems and Acquisition Department at The Aerospace Corporation. She has more than 25 years in commercial software development organizations as a developer and Engineering Manager. She has extensive experiences in leveraging Agile development and DevSecOps techniques, including Extreme Programming, Scrum, Kanban, and Scaled Agile Framework (SAFe). She currently supports programs in Space Systems Command (SSC) that are transitioning to and utilizing Lean-Agile practices, providing Agile coaching, training and Agile tools implementation guidance. Joanne has a B.S. in Computer Science and Engineering from the University of California, Los Angeles.

#### **Description of Intended Students and Prerequisites:**

Geared toward individuals with moderate agile experience.

#### **What can Attendees Expect to Learn:**

Key principles of Agile approaches. Differences between Agile in the commercial industry and Agile for the Ground system.