

*International Journal of*

# AGILE AND EXTREME SOFTWARE DEVELOPMENT

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# Scope of the Journal

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*IJAESD covers the field of agile/extreme programming. Agile methodologies try to reduce risk by developing software in small iterations, each of which releases a new functionality. This methodology provides a pragmatic way of adapting to changing requirements at any point during the lifecycle of a software project. Agile methodologies have drawn significant attention in the software industry in recent years, and are also moving into new industries, such as embedded systems, safety-critical products and other complex development environments.*

## Topics covered include:

- Foundations for agile methods
- Agile software development tools, agile and cloud computing synergy
- Agile development in the large scale including scalability issues
- Agile development with large/legacy systems
- Agile development of open source software
- Integrating business processes and agile SW development
- Commitment, motivation, culture in agile SW development organisations
- Case studies, experiments, practitioners' experience reports
- Metrics in agile SW development, automated metrics and analysis
- Research on existing or new methodologies/approaches
- Agile methods in industrial contexts
- Good practice, test-driven development as an agile practice
- Integration of hard requirements in agile processes
- Quantitative/qualitative empirical studies
- Tools and applications



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