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2015 9th Malaysian Software Engineering Conference, MySEC 2015  
 19 May 2016, Article number 7475230, Pages 259-265  
 9th Malaysian Software Engineering Conference, MySEC 2015; Kuala Lumpur; Malaysia; 16  
 December 2015 through 17 December 2015; Category numberCFP1501R-USB; Code 121755

## How personality traits are interrelated with team climate and team performance in software engineering? A preliminary study (Conference Paper)

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### Abstract

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Personality and its impacts on team processes in the domain of software engineering have been an area of investigation for many researchers since the last many years. However, personality traits and its effects on team climate and team performance were not being focused as area of research. In our previous research, we had performed a systematic literature review on team climate and team productivity. In progression of our earlier work in this paper, we have extended the work and take personality traits as an independent variable over team climate and performance. This paper reports the results of preliminary data survey, which has been conducted to measure the effects of personality on team climate and team performance. Results show the strong and positive correlation among personality factor Extraversion, team climate and team performance variables. © 2015 IEEE.

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Source Type: Conference Proceeding

Original language: English

DOI: 10.1109/MySEC.2015.7475230

Document Type: Conference Paper

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