Collective Intelligence: Individual and Team Ability

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Message from the Guest Editors

The purpose of this Special Issue is to explore ways in which collective intelligence might be defined, measured, and evaluated, either as an individual-differences construct, or as a measure of group-level performance. We invite empirical, theoretical, and review articles that address issues of collective intelligence, defined broadly. We encourage diverse approaches to the problem, including psychometric, cognitive, social, behavioral, organizational, educational, differential, and neuroscience approaches. Some examples of questions we hope contributions will address include the following:

- Is there a collective intelligence factor in the sense of generalization of group-relative performance across learning and performance tasks?
- What are some of the individual-level and process predictors of successful groups?
- Is it possible to quantify the strength of an individual's contributions to a group?
- What methodologies can we use to measure collective performance and individual contributions to group performance?
- How important are cognitive versus noncognitive predictors of group performance?

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