NASA APPEL Performance Enhancement

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> NASA. 2011. Academy of Program/Project and Engineering Leadership (APPEL), *NASA APPEL Performance Enhancement*. Accessed on May 2, 2014. Available at http://appel.nasa.gov/team/request-support/.

Usage

This source is considered a primary reference for the Team Capability article.

Annotation

The NASA APPEL Performance Enhancement provides a service where team performance is assessed, then interventions are provided to the team for specific gaps in performance. This performance enhancement service increases a project's probability of success by delivering the right support to a project team at the right time. Many workforce development interventions are for individuals, and this is an example for a team intervention instead.

There currently is no one accepted systems engineering competency model that is globally applicable and accepted widely within the discipline of systems engineering. To the contrary, the topic on Roles and Competencies has shown the best practice is for an organization to develop its own systems engineering competency model after evaluating its own needs with its stakeholders, organization, and workforce and within the context of its complete environment, e.g., economic, social, political. Nevertheless, the process of developing

an organization's systems engineering competency model can be greatly informed and aided by evaluating the systems engineering competency models of other publicly available models. Consequently, the NASA systems engineering competency model is offered as an example of an organization that performs systems engineering projects on earth and space exploration, technology development, and scientific research.

The People Capability Maturity Model® includes guidance for moving an organization’s workforce from an ad hoc approach to managing the workforce, to a mature, disciplined development of the knowledge, skills, and motivation of the people that fuels enhanced business performance. P-CMM can be applied to all types of technical organizations, including systems engineering.

SEBoK v. 2.9, released 20 November 2023

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This page was last edited on 18 November 2023, at 23:17.