

A fuzzy approach for the Earned Value Management

Access to new resource related to Earned Value Management (EVM) added to PMWL



Resource provided by [Balzhan Khamitova](#)

13 June 2022 – Almaty, Kazakhstan – Access to a new resource has been added to the PM World Library (PMWL) related to Earned Value Management (EVM). The new resource titled “**A fuzzy approach for the Earned Value Management**” is a paper by Leila Moslemi Naeni, Shahram Shadrokh and Amir Salehipour published in the International Journal of Project Management in 2014.

The authors presented a new fuzzy-based earned value model with the advantage of developing and analyzing earned value indices, and the time and the cost estimates at completion under uncertainty. The application of the proposed method arises in situations where the total amount of the work required to perform the activities are unknown or uncertain, and is out of control.

Developed fuzzy-based model measures the earned value indices and estimates. The main task for authors was to interpret fuzzy-based EV indices to have an inference regarding project progress and its status.

During the research the authors present an example that illustrates the basis of the new fuzzy-based EV calculations; this example is a medical research project. To keep the example simple enough to be understood easily by readers, the authors' example deals only with the activities of one work package (while in research there are four work packages presented).

To access this new resource, go to the Basic P/PM topics section of the library at <https://pmworldlibrary.net/applications-and-topics/> scroll down to and click on “Earned Value Management (EVM)”, scroll down to resource. Must be a registered member and logged-in to access. If not yet registered, please consider the FREE 30-day Trial Membership.

This new resource provided through the PMWL university research internship program; [to learn more, click here](#)

For PMWL Post

Naeni, L. & Shadrokh, S. & Salehipour, A. (2014). **A fuzzy approach for the earned value management** (vol 29, pg 764, 2011). International Journal of Project Management. 32. 709-716. 10.1016/j.ijproman.2013.02.002. Available online at https://www.researchgate.net/publication/279016066_A_fuzzy_approach_for_the_earned_value_management_vol_29_pg_764_2011 ([Khamitova](#))

Where to post in the library: <https://pmworldlibrary.net/applications-and-topics/earned-value-management/>