

Delphi as a methodology for eliciting expert opinion - Important factors to be considered

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Abstract

Purpose: The purpose of this paper is to provide a clear guideline of the application of Delphi technique in a research process.

Methodology: The paper sets out a literature review of the Delphi approach which discusses both the theoretical basis and the applications of Delphi technique.

Findings: The findings of this study are structured into seven sections. Apart from the introduction the proceeding sections of the paper discusses the theoretical and conceptual basis on what constitutes Delphi, Delphi questionnaire design, the administration of the Delphi survey, Delphi panel selection, analysing Delphi results, and finally a brief conclusion with vital points to be consider in using Delphi as a Decision Analysis tool.

Originality: Existing literature on Delphi discusses either the theoretical concepts or an exemplification of the application of Delphi technique. This paper is an attempt to combine the theoretical basis of Delphi along with the tactical knowledge that was immersed from empirical literature on Delphi.

Keywords: Delphi method, Delphi Surveys, Foresight, Foresight analysis, Group decision-making