

UNCHUREE JEARANA KOOOL : EFFECTS OF DIFFERENT TYPES OF FEEDBACK ON
CONSENSUS IN CONSERVATION OF ENERGY AND ENVIRONMENT IN THE FUTURE
OF EXPERTS IN DELPHI TECHNIQUE. THESIS ADVISORS : PROF. SOMWUNG
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The purpose of this research was to compare different types of feedback on consensus of experts in Delphi technique. The types of feedback compose with descriptive statistic feedback, statement with descriptive statistic feedback and histogram with descriptive statistic feedback were compared the consensus building results in conservation of energy and environment in the future. Ninety-four experts in energy or environment were randomly assigned into three groups according to types of feedback. The questionnaires were sent to the subjects by mail. The obtained data were analyzed using arithmetic mean, mode, median and interquartile range. Data were analyzed through use of Chi-square test of independent and Z-test to test of different proportion. Results of the study can be summarized as followed.

1. The proportion of item reaching degree of consensus obtained by histogram with descriptive statistic feedback was significantly higher than that of descriptive statistic feedback and statement with descriptive statistic feedback ($p < 0.05$).

2. The proportion of item reaching consistency of consensus obtained by histogram with descriptive statistic feedback, statement with descriptive statistic feedback and descriptive statistic feedback were not significantly different.

3. The proportion of items reaching stability of consensus obtained by histogram with descriptive statistic feedback, statement with descriptive statistic feedback and descriptive statistic were not significantly different.

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