



**USING BIG DATA IN EVIDENCE-BASED
SCHOOL EVALUATION: DEVELOPING
AN INTERNAL SCHOOL EVALUATION
MODEL**

PROJECT FINAL REPORT





Title of the Project:

**USING BIG DATA IN EVIDENCE-BASED SCHOOL EVALUATION: DEVELOPING
AN INTERNAL SCHOOL EVALUATION MODEL**

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- International Association of Educators, USA
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INDEX

1. Preface.....	4
2. Internal Evaluation Model.....	5
3. Impact Factors of Evaluation Questions.....	7
4. Main Factor 1: Leadership and Administration: Accountability and Transparency.....	8
5. Main Factor 2: Educational Excellence.....	20
6. Main Factor 3: School Culture and Values Education.....	45
7. Main Factor 4: Counselling and Guidance.....	49
8. Main Factor 5: 21st Century Skills: Research-Development and Innovation.....	51
9. Main Factor 6: Community Empowerment and Public Service.....	57
10. Main Factor 7: Safe and Accessible School.....	59
11. Demographic Questions.....	63

PREFACE

School evaluation can be defined as the systematic analysis of the quality of a school in terms of macro and micro variables within the framework of performance indicators determined by national and / or international education stakeholders. Although the evaluations made within the framework of performance indicators provide important data to reveal the current situation of the evaluated school, creating and implementing its own excellence model by using the evaluation data of the school is a great importance in order to increase the quality of education.

The main purpose of this project is to develop and implement models of internal evaluation, external evaluation and excellence in education that support school development, together with private and public schools, and share the results with the public. The evidence-based school evaluation model that will be developed within the framework of the project will be an Ecosystem Model in which big data-supported internal and external evaluation and educational excellence practices transform and develop each other.

Although there are many academic publications on evidence-based education policies in the literature, there are limited of number of studies on school evaluation based on big data. The internal-evaluation and external-evaluation models of this project which will be developed within the framework of the Public Good oriented and Evidence-Informed evaluation model formulated by Eryaman & Schneider (2017) will allow longitudinal analyzes based on big data. As a result of analyzing the big data, which will be obtained from schools through the software developed within the framework of the project, the project aims to develop empirical case examples and best practices of evidence use to support school development at longitudinal level. As part of this project, we are delighted to publish the Handbook of the Internal Evaluation Model, which is the first step of the “Using Big Data In Evidence-Based School Evaluation” Project. We hope that the handbook will make significant contributions to school evaluation processes and policies at national and international levels.

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