

# Systemic Knowledge-Based Assessment of Higher Education Programs

Part of the Advances in Educational Marketing, Administration, and Leadership Book Series

Edgar Oliver Cardoso Espinosa (Instituto Politécnico Nacional, Mexico)

## Description:

The true success of a nation can be measured by its ability to create, disseminate, and utilize knowledge through education. A quality education instills in students the capability to add value to the economy through his or her skills, to participate in society, and to improve the overall wellness of his or her community.

**Systemic Knowledge-Based Assessment of Higher Education Programs** offers theoretical and pedagogical research concerning the management of educational systems on both the national and international scale. Exploring the most effective ways to utilize intellectual capital, this publication implores educators to ensure that their students hone the skills necessary to interact in the globalized economy, using all of the information available to them.

## Readers:

This book is a versatile asset for educators, administrators, government agencies, and students of education.

ISBN: 9781522504573

Release Date: June, 2016

Copyright: 2016

Pages: 248

## Topics Covered:

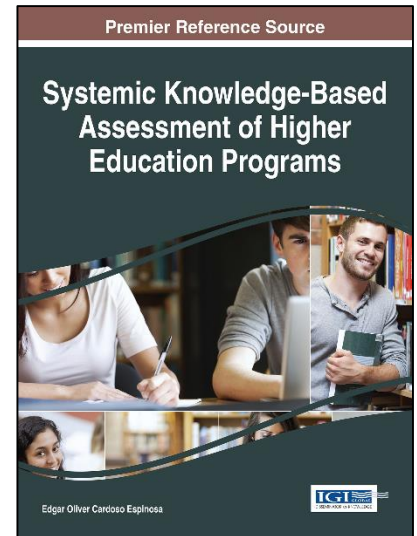
- Economic Development
- Evaluation of Knowledge Management
- Graduate Studies
- Higher Education
- Inclusive Higher Education
- Professional Tourism Education
- School Performance
- Second language Study
- Teaching Competencies

Hardcover +  
Free E-Access:

**\$170.00**

E-Access +  
Free Hardcover:

**\$170.00**



## Order Information

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: [www.igi-global.com](http://www.igi-global.com)



## Table of Contents

### Preface

### Acknowledgment

## Section 1

### Knowledge Management Actors and Processes in Higher Education

#### Chapter 1

*Diagnosis of knowledge management from the perspective of academicians at higher education.*

Ricardo Morán Martínez, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Jésica Alhelí Cortés Ruíz, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 2

*Systemic Evaluation of Knowledge Management, Perspective of Students Graduate in Education in Mexico.*

Jésica Alhelí Cortés Ruíz, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Ricardo Morán Martínez, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Eduardo Antonio Vanegas López, National Polytechnic Institute (IPN), Secretaría Académica, Mexico

#### Chapter 3

*The influence of the labor sector in knowledge management: The case of graduate in Business Administration for Sustainability. Leticia and Edgar*

Leticia Refugio Chavarría López, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Edgar Oliver Cardoso Espinosa, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 4

*Organizational Metaphors and the Evaluation of Higher Education Programs, Management Practices, and Change Processes: A UAE Case Study.*

Melanie Van Den Hoven, Division at Emirates College for Advanced Education, Abu Dhabi

David R. Litz, Division at Emirates College for Advanced Education, Abu Dhabi

#### Chapter 5

*Challenges of Public Policies for an Inclusive Higher Education.*

Diana Patricia Skewes Muñoz, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Jesús Gerardo Alfaro Patiño, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 6

*Alternative Concepts of Economic Development and their Implications for Higher Education.*

Maribel del Carmen Casas Haro, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Juan de Luna Flores, Instituto Tecnológico de Tlalnepantla, Mexico

Isaías Álvarez García, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 7

*Evaluation and Identification of Professional Tourism Educational and Training Competences.*

Rosa María Rivas García, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Edgar Oliver Cardoso Espinosa, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

## Section 2

### Middle School Education as Predecessor Of Knowledge Management

#### Chapter 8

*Evaluation the educational opportunities of middle high school graduates.*

Fernando Briseño Hurtado, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Edgar Oliver Cardoso Espinosa, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Joel García Mendoza, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Jorge Mejía Bricaire, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 9

*Evaluation of institutional management based on leadership competencies in middle school education.*

Jesús Gerardo Alfaro Patiño, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Diana Patricia Skewes Muñoz, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 10

*Evaluation of teaching competency-based performance in Middle School Education*

María Elena Zepeda Hurtado, National Polytechnic Institute (IPN), CECyT No. 11, Mexico

#### Chapter 11

*Impact of mathematics school performance at middle school for academic institutional management based on the Checkland methodology.*

Joel García Mendoza, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Jorge Mejía Bricaire, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Fernando Briseño Hurtado, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

## Section 3

### Elementary Education as Early Factor of Knowledge Management

#### Chapter 12

*Assessment of Academic Management as a success factor for knowledge management.*

Limin-tzen Esmeralda Bueno Gasca, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

#### Chapter 13

*Evaluation of the Management of Second Language Study Development Program at secondary school, in Mexico.*

Jorge Mejía Bricaire, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Edgar Oliver Cardoso Espinosa, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Fernando Briseño Hurtado, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

Joel García Mendoza, National Polytechnic Institute (IPN), ESCA – Santo Tomás, Mexico

## Compilation of References

## About the Contributors

## Index

Edgar O. Cardoso, PhD, is Professor - Researcher since 2009 on Division of Postgraduate Studies and Research of the Superior School of Commerce and Administration (ESCA) of the National Polytechnic Institute (IPN), Mexico City. In his position conducts research projects focused on the management and development of education in educational programs at senior level. He teaches courses Methodological Seminar I, II and III to Master's and Research Seminars I, II and III as well as Research Visits I, II, III and IV to PhD level. Dr. Cardoso earned his doctorate at the IPN. He has a master of science in management and development of education in the ESCA-IPN. His research includes evaluation of educational programs and executive education.

**Order Information**

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: [www.igi-global.com](http://www.igi-global.com)