CALL FOR CHAPTER PROPOSALS
Proposal Submission Deadline: April 30, 2009
Full Chapter Submission Deadline: July 15, 2009
Corporate Environmental Management Information Systems: Advancements and Trends

A book edited by Prof. Dr. Frank Teuteberg University of Osnabrück, Germany, and Prof. Dr. Jorge Marx Gómez, University of Oldenburg, Germany

To be published by IGI Global: http://www.igi-global.com/requests/details.asp?ID=582

Introduction
In recent years, the topic of Corporate Environmental Management Information Systems (CEMIS) has received growing attention and become an increasingly popular research area. Today, companies are facing new challenges. They have to address the problem of rapid climate changes, deal with the growing public interest in ecology (e.g. Green IT, Green Logistics), and ensure environmental sustainability and energy efficency. Immense pressure is also exerted by environmental legislation (e.g. EU law) as well as by the mass media and society as a whole.

CEMIS enable companies to comply with environmental regulations (compliance driven CEMIS) or to analyze business activities and material flows in production and logistics with regard to their environmental sustainability (eco-efficiency oriented CEMIS). Furthermore, CEMIS provide the necessary information to monitor and analyze environmental effects of business activities (e.g. environmental & sustainability reporting, environmental accounting and environmental auditing).

Objective of the Book
This book shall encompass the state of the art developments in CEMIS. Contributions to this book will show researchers, managers, engineers and information technology specialists how to develop and implement effective Corporate Environmental Management Information Systems. Readers will also find guidelines for selecting CEMIS.

The book aims to provide a state of the art review of the emergent field of Corporate Environmental Management Information Systems. The book will provide a foundational reference base for continuing research in CEMIS. It will explain why CEMIS are necessary and how to apply them in an efficient and effective way. The book also will give the academic reader a clear understanding of the thematic field. To practitioners, the book will be beneficial as a summary of the current state of research which can serve as a basis for designing and implementing advanced Corporate Environmental Management Information Systems.

Target Audience
The book is meant to be a solid reference for students and researchers in Corporate Environmental Management Information Systems, but also a source book for practitioners. It will be designed to assist researchers in academia and industry, students, business process analysts, information management professionals, software engineers, developers and other practitioners in all matters concerning CEMIS. Researchers will find

this book a valuable resource for their work; practitioners will be provided with a rich source of cases, methods, engineering procedures, applications, reference models and solutions for similar business settings and for the improvement of their practical work skills.

Recommended topics include, but are not limited to, the following:

- Web Services for corporate environmental management information systems
- Web based Systems and "green" portals
- Data quality management for CEMIS
- Data mining, knowledge extraction and data visualization
- Active Environmental Data Warehouses
- Environmental-economic accounting
- Environmental & sustainability reporting
- Environmental Monitoring and Risk Management
- Environmental Compliance Management
- Sustainable Supply Chain Management (Green Logistics)
- Green IT
- Simulation and models in environmental risk management
- Successful applications in various industries (e.g. automotive, engineering, pharmaceutical), and (service) domains (e.g. environmental management, supply chain management, compliance management, risk management, business process management and/or monitoring, knowledge management, etc.)
- Analysis of human behaviour in designing, implementing, and applying corporate environmental management information systems
- Critical success factors for the practical application of corporate environmental management information systems
- Reference models relevant to corporate environmental management information systems
- Combination of corporate environmental management information systems with risk monitoring, environmental compliance management, quality management, business process benchmarking
- Applications of corporate environmental management information systems to solve business problems
- Software for environmental systems modeling and risk management
- Evaluation criteria for selecting CEMIS
- ERP integration, business interoperability issues and concrete business applications
- Methods and approaches for developing corporate environmental management information systems
- Tools to ease the development of corporate environmental management information systems
- Critical reviews of current theories and approaches in Corporate Environmental Management Information Systems with regard to sustainability and energy efficiency
- Reviews that identify current theoretical and/or practical strengths and weaknesses of Corporate Environmental Management Information Systems

- Case studies, pilot projects, experiments, empirical studies, systematic guidelines, and (integrative) literature reviews on corporate environmental management information systems

Accepted chapters should address some or all of the following aspects:

- A clear description of an implemented application of Corporate Environmental Management Information Systems
- An implemented toolset supporting the deployment and application of Corporate Environmental Management Information Systems
- An assessment of the pros and cons, the costs and/or the ease of deployment of Corporate Environmental Management Information Systems (e.g. a user study, an empirical study, a return-on-investment analysis, simulations, user acceptance studies).

Furthermore, an explicit specification and motivation of the applied research method (e.g. grounded theory, design science, simulation, reference modeling, empirical research, action research, etc.) is expected.

Submission Procedure

Researchers and practitioners are invited to submit *on or before* ***April 30, 2009***, a 2-3 page chapter proposal clearly explaining the mission and concerns of his or her proposed chapter. Authors of accepted proposals will be notified by ***May 15, 2009*** about the status of their proposals and sent chapter guidelines. Full chapters are expected to be submitted by ***July 15, 2009***. All submitted chapters will be reviewed on a double-blind review basis. Contributors may also be requested to serve as reviewers for this project.

Publisher

This book is scheduled to be published by IGI Global (formerly Idea Group Inc.), publisher of the "Information Science Reference" (formerly Idea Group Reference), "Medical Information Science Reference," and "IGI Publishing" imprints. For additional information regarding the publisher, please visit www.igi-global.com.

Important Dates:

April 30, 2009:	Proposal Submission Deadline
May 15, 2009:	Notification of Acceptance
July 15, 2009:	Full Chapter Submission
August 30, 2009:	Review Result Returned
September 30, 2009:	Final Chapter Submission

Inquiries and submissions can be forwarded ***electronically*** *(Word document) or by* ***mail*** *to:*

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