1. Record Nr. UNINA9910484170803321

Titolo	Intelligent Data Engineering and Automated Learning - IDEAL 2006 : 7th International Conference, Burgos, Spain, September 20-23, 2006, Proceedings / / edited by Emilio Corchado, Hujun Yin, Vicente Botti, Colin Fyfe
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-45487-X
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (LIV, 1450 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 4224
Altri autori (Persone)	CorchadoEmilio
Disciplina	005.74
Soggetti	Data structures (Computer science) Information theory Database management Algorithms Application software Information storage and retrieval systems Computers and civilization Data Structures and Information Theory Database Management Computer and Information Systems Applications Information Storage and Retrieval Computers and Society
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Learning and Information Processing -- Data Mining, Retrieval and Management -- Bioinformatics and Bio-inspired Models -- Agents and Hybrid Systems -- Financial Engineering -- Special Session on Nature-Inspired Date Technologies.
Sommario/riassunto	Since its establishment in Hong Kong in 1998,the international Intelligent Data Engineering and Automated Learning (IDEAL) conference has become a r- erence for researchers in both theoretical

and practical aspects of learning and information processing, data mining, retrieval and management, bioinformatics and bio-inspired models, agents and hybrid systems and ?nancial engineering. The purpose of IDEAL conferences has been to provide a broad and interd- ciplinary forum for scientists, researchers, and practitioners in these areas from around the world. A special feature of IDEAL conferences is cross-disciplinary exchange of ideas in emerging topics and application in these areas. Data ana- sis and engineering and associated learning paradigms are playing increasingly important roles in an increasing number of applications and ?elds. The mul- disciplinary nature of contemporary research is pushing the boundaries and one of the principal aims of the IDEAL conferences is to promote interactions and collaborations across disciplines. This volume of Lecture Notes in Computer Science contains accepted - pers presented at IDEAL 2006 held at the University of Burgos, Spain, during, September 20–23, 2006. The conference received 557 submissions from over 40 countriesaroundtheworld, whichweresubsequentlyrefereedbytheProgramme Committeeandmanyadditionalreviewers.Afterrigorousreview,170top-quality papers were accepted and included in the proceedings. The acceptance rate was only 30%, which ensured an extremely high-quality standard of the conference. The buoyant number of submitted papers is a clear proof of the vitality and increased importance of the ?elds related to IDEAL, and is also an indication of the rising popularity of the IDEAL conferences.

2. Record Nr. UNINA9910971837203321

Titolo	Science and decisions : advancing risk assessment / / Committee on Improving Risk Analysis Approaches Used by the U.S. EPA, Board on Environmental Studies and Toxicology, Division on Earth and Life Studies, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2009
ISBN	9786612083549 9781282083547 1282083546 9780309120470 0309120470
Edizione	[1st ed.]
Descrizione fisica	xviii, 403 p. : ill
Disciplina	361.1
Soggetti	Environmental risk assessment - United States Technology - Risk assessment - United States Health risk assessment - United States Threshold limit values (Industrial toxicology) Risk Assessment - methods Environmental Pollutants - adverse effects Maximum Allowable Concentration Environmental Exposure Government Agencies Public Policy United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Evolution and use of risk assessment in the environmental protection agency : current practice and future prospects -- The design of risk assessments -- Uncertainty and variability : the recurring and recalcitrant elements of risk assessment -- Toward a unified approach to dose-response assessment -- Selection and use of defaults -- Implementing cumulative risk assessment -- Improving the utility of

risk assessment -- Toward improved risk-based decision-making.

Sommario/riassunto

Risk assessment has become a dominant public policy tool for making choices, based on limited resources, to protect public health and the environment. It has been instrumental to the mission of the U.S. Environmental Protection Agency (EPA) as well as other federal agencies in evaluating public health concerns, informing regulatory and technological decisions, prioritizing research needs and funding, and in developing approaches for cost-benefit analysis. However, risk assessment is at a crossroads. Despite advances in the field, risk assessment faces a number of significant challenges including lengthy delays in making complex decisions; lack of data leading to significant uncertainty in risk assessments; and many chemicals in the marketplace that have not been evaluated and emerging agents requiring assessment. Science and Decisions makes practical scientific and technical recommendations to address these challenges. This book is a complement to the widely used 1983 National Academies book, Risk Assessment in the Federal Government (also known as the Red Book). The earlier book established a framework for the concepts and conduct of risk assessment that has been adopted by numerous expert committees, regulatory agencies, and public health institutions. The new book embeds these concepts within a broader framework for risk-based decision-making. Together, these are essential references for those working in the regulatory and public health fields.