

CONTENTS

Special Issue: Outcomes of the ARAMIS Project

Foreword

O. Salvi (Verneuil en Halatte, France) and N.J. Duijm (Roskilde, Denmark)	v
A global view on ARAMIS, a risk assessment methodology for industries in the framework of the SEVESO II directive O. Salvi and B. Debray (Verneuil en Halatte, France)	187
ARAMIS project: A comprehensive methodology for the identification of reference accident scenarios in process industries C. Delvosalle, C. Fievez, A. Pipart (Mons, Belgium) and B. Debray (Verneuil en Halatte, France)	200
ARAMIS project: A more explicit demonstration of risk control through the use of bow-tie diagrams and the evaluation of safety barrier performance V. de Dianous (Verneuil en Halatte, France) and C. Fiévez (Mons, Belgium)	220
The development of an audit technique to assess the quality of safety barrier management F. Guldenmund, A. Hale, L. Goossens, J. Betten (Delft, Netherlands) and N.J. Duijm (Risø, Denmark)	234
A Risk Severity Index for industrial plants and sites E. Planas, J. Arnaldos (Catalonia, Spain), B. Silveti (Roma, Italy), A. Vallée (Verneuil en Halatte, France) and J. Casal (Catalonia, Spain)	242
Environmental vulnerability assessment in the vicinity of an industrial site in the frame of ARAMIS European project J. Tixier, A. Dandrieux, G. Dussere (Alès, France), R. Bubbico, B. Mazzarotta, B. Silveti (Via Eudossiana, Italy), E. Hubert (Saint Etienne, France), N. Rodrigues and O. Salvi (Verneuil en Halatte, France)	251
The use of generic failure frequencies in QRA: The quality and use of failure frequencies and how to bring them up-to-date H.I. Beerens, J.G. Post and P.A.M. Uijt de Haag (Bilthoven, The Netherlands)	265
How powerful is ARAMIS methodology in solving land-use issues associated with industry based environmental and health risks? D. Kontić, B. Kontić and M. Gerbec (Ljubljana, Slovenia)	271
Organizing learning processes on risks by using the bow-tie representation F.R. Chevreau, J.L. Wybo (Sophia-Antipolis, France) and D. Cauchois (Vitry sur Seine, France)	276
Quantifying the influence of safety management on the reliability of safety barriers N.J. Duijm (Roskilde, Denmark) and L. Goossens (Delft, The Netherlands)	284
Implementation of new legislative measures on industrial risks prevention and control in urban areas B. Cahen (Paris, France)	293
Land use planning in India J.P. Gupta (Kanpur, India)	300
The accidental risk assessment methodology for industries (ARAMIS)/layer of protection analysis (LOPA) methodology: A step forward towards convergent practices in risk assessment? R. Gowland (Warwickshire, UK)	307
A risk management initiative implemented in Canada J.P. Lacoursiere (Repentigny, Canada)	311
Interface management: Effective communication to improve process safety B. Kelly (Calgary, Canada) and S. Berger (New York, NY, USA)	321
<i>Contents Volume 130</i>	326