



LISTE DES PUBLICATIONS 2013
DU CENTRE DE RECHERCHE SUR LES RISQUES ET LES CRISES
(janvier 2014)

Vision d'ensemble

Articles dans des revues nationales et internationales à comité de lecture	Articles dans des conférences nationales et internationales à comité de lecture	Ouvrages et chapitres dans des ouvrages
23	29	6

Parmi les 23 articles publiés dans des revues françaises et internationales à comité de lecture, 12 d'entre eux ont été co-écrits par des doctorants du CRC.

Articles dans des revues nationales et internationales à comité de lecture

1. Yasmine Benamrane, Jean-Luc Wybo, Patrick Armand. Chernobyl and Fukushima nuclear accidents: what has changed in the use of atmospheric dispersion modeling? *Journal of Environmental Radioactivity*, 2013, 126, Pages 239-252.
2. Hafida Bouloiz, Emmanuel Garbolino, Mohamed Tkiouat. Modeling of an Organizational Environment by System Dynamics and Fuzzy Logic. *Open Journal of Safety Science and Technology*, 2013, 3 (4), Pages 96-104.
3. Genserik Reniers, Dioni Herdewel, Jean-Luc Wybo. A Threat Assessment Review Planning (TARP) decision flowchart for complex industrial areas. *Journal of Loss Prevention in the Process Industries*, 2013, 26 (6).

4. Hafida Bouloiz, Emmanuel Garbolino, Mohamed Tkiouat, Franck Guarnieri. A system dynamics model for behavioral analysis of safety conditions in a chemical storage unit. *Safety Science*, 2013, 58, Pages 32-40.
5. I.J.M. Zwetsloot Gerard, Markku Aaltonen, Jean-Luc Wybo, Jorma Saari, Pete Kines, Rik Op De Beeck. The case for research into the zero accident vision. *Safety Science*, 2013, 58, Pages 41-48.
6. Wim Van Wassenhove, Mathilde Bellanger. Le rôle de l'assurance dans la gestion des risques psychosociaux en entreprise. *Risques, Les cahiers de l'assurance*, 2013, 95, 6 p.
7. Jean-Luc Wybo. Percolation, temporal coherence of information, and crisis prevention. *Safety Science*, 2013, 57, Pages 60-68.
8. Patrick Lemoine, Philippe Zawieja, Maurice M Ohayon. Associations between morningness/eveningness and psychopathology: An epidemiological survey in three in-patient psychiatric clinics. *Journal of Psychiatric Research*, 2013, 47 (8), Pages 1095-1098.
9. Xavier Chaze, Amal Bouejla, Franck Guarnieri, Aldo Napoli. Causal Probabilistic Modeling with Bayesian Networks to Combat the Risk of Piracy Against Offshore Oil Platforms. *The Radio Science Bulletin*, 2013, 345 (Disaster Management special issue), Pages 21-34
10. Jean-Luc Wybo. Large-scale photovoltaic systems in airports areas: safety concerns. *Renewable and Sustainable Energy Reviews*, 2013, 21, Pages 402-410.
11. Guillaume Desmorat, Franck Guarnieri, Denis Besnard, Pierre Desideri, Frédérique Loth. Pouring CREAM into natural gas: The introduction of Common Performance Conditions into the safety management of gas networks. *Safety Science*, 2013, 54, Pages 1-7.
12. Valérie Sanseverino-Godfrin. La redéfinition du contour juridique des risques liés au travail. *Jurisprudence sociale Lamy*, 2013, 339, Pages 4-8
13. Karim Hardy, Franck Guarnieri. Modelling and Hazard Analysis for Contaminated Sediments using STAMP model and STPA tool. *Journal of Energy and Power Engineering*, 2013, 7 (3), p.
14. Valérie Sanseverino-Godfrin. Les pouvoirs de police du maire dans le domaine de la prévention des risques naturels. *Revue Lamy Collectivités territoriales*, 2013, 88, Pages 53-56
15. Valérie Sanseverino-Godfrin, Eric Bruni, Guillermo Hinojos-Mendoza, Emmanuel Garbolino. Problématique de la mise en application des trames vertes. *Droit de l'environnement*, 2013, M 982 (210), Pages 94-98
16. Emmanuel Garbolino, Patrice De Ruffray, Henry Brisse, Gilles Grandjouan. La flore probable : un mode d'expression des gradients écologiques en France. *Comptes Rendus Biologies*, 2013, 336 (2), p. 73-81.
17. Karim Hardy, Franck Guarnieri. Hazard Mitigation through a Systemic Model of Accident to a Socio-Technical System: A Case Study. *Journal of Energy and Power Engineering*, 2013, 7 (4), p. 775-787 - Serial Number 65
18. Murès Zaréaa, Gael Pognonec, Christina Schmidt, Tulo Schnur, José Lanac, Christoph Boehm, Marco Buschmann, Chabane Mazri, Eric Rigaud. First steps in developing an automated aerial surveillance approach. *Journal of Risk Research*, 2013, 16 (3-4 - Special Issue: "Searching the agreed ways" for dealing with emerging risks: the EU research pr), p. 407-420.
19. Emmanuel Garbolino, Dalanda Lachtar, Roberto Sacile, Chiara Bersani. Vulnerability and Resilience of the Territory Concerning Risk of Dangerous Goods Transportation (DGT): Proposal of a Spatial Model. *Chemical Engineering Transactions*, 2013, 32, Pages 91-96.
20. Franck Guarnieri, Eric Przy swa. Counterfeiting and Cybercrime: Stakes and Challenges. *Information Society*, 2013, 29 (4), Pages 219-226.

21. Felicity Lamm, Kaj Frick, Suzanne Jamieson, Nadine McDonnell, Christophe Martin. Managing occupational safety and health in culturally diverse small businesses: a commentary. *Policy and Practice in Health and Safety*, 2013, 11 (1), Pages 3-17
22. Eric Przyswa, Franck Guarnieri. Contrefaçon de médicaments sur Internet : prévenir une menace réelle sur la santé publique. *Les Tribunes de la santé*, 2013, 3 (40), Pages 77-83.
23. Azedine Boulmakoul, Mohamed Haitam Laarabi, Roberto Sacile, Emmanuel Garbolino. Ranking Triangular Fuzzy Numbers Using Fuzzy Set Inclusion Index. *Lecture notes in computer science*, 2013, 8256, Pages 100-108.

Articles dans des conférences nationales et internationales à comité de lecture

1. Hortense Blazsin, Franck Guarnieri, Christophe Martin. Safety at the Sharp-End: A Case Study in the Gas Sector. *European Safety and Reliability Conference, ESREL 2013, Sep 2013, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon*, pp. 336
2. Melchior Pelleterat De Borde, Christophe Martin, Franck Guarnieri. Nuclear Decommissioning: from Case-Studies to a Proposed Typology of Risk. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S. Miraglia; A.C.W.M. Vrouwenvelder. *22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon*, 8 p. - ISBN 9781138001237
3. Christophe Martin, Aurélien Portelli, Franck Guarnieri. Myths and representations in French nuclear history: The impact on decommissioning safety. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S. Miraglia; A.C.W.M. Vrouwenvelder. *22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon*, 758 p. - ISBN 9781138001237
4. Thomas Audiffren, Jean-Marc Rallo, Franck Guarnieri, Christophe Martin. A quantitative analysis of health, safety and environment policy in France. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S. Miraglia; A.C.W.M. Vrouwenvelder. *22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon*, 8 p. - ISBN 9781138001237
5. Thomas Audiffren, Jean-Marc Rallo, Franck Guarnieri. OHS certification and legal compliance management in France: a quantitative survey. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S. Miraglia; A.C.W.M. Vrouwenvelder. *22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon*, 8 p. - ISBN 9781138001237
6. Jonathan Vigneron, Franck Guarnieri, Jean-Marc Rallo. The contribution of ontologies to the creation of knowledge bases for the management of legal compliance in occupational health and safety. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S. Miraglia; A.C.W.M. Vrouwenvelder. *22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon*, 6 p. - ISBN 9781138001237
7. Sophie Clusel, Franck Guarnieri, Christophe Martin, Didier Lagarde. Assessing the vulnerability of SMEs: a qualitative analysis. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S.

- Miraglia; A.C.W.M. Vrouwenvelder. 22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon, 8 p. - ISBN 9781138001237
8. Eric Rigaud, Thomas Cote. Anticipating the consequences of change on safety performance: A proposed methodological framework. R.D.J.M. Steenbergen; P.H.A.J.M. van Gelder; S. Miraglia; A.C.W.M. Vrouwenvelder. 22nd European Safety and Reliability Conference - ESREL 2013, Sep 2013, Amsterdam, Netherlands. CRC Press, Safety, Reliability and Risk Analysis: Beyond the Horizon, 6 p. - ISBN 9781138001237
 9. Gabriel Vatin, Aldo Napoli. Taxonomie des tâches d'analyse géovisuelle de risques. 26ème Conférence Cartographique Internationale, Aug 2013, Dresde, Germany. Comptes-rendus de la 26ème Conférence Cartographique Internationale, Pages 49-58
 10. Christophe Martin, Franck Guarnieri. My wife is my risk manager: the role of the wife of the entrepreneur in occupational health and safety management. Understanding Small Enterprise Conference, USE 2013, Feb 2013, Nelson, New Zealand. Proceedings of Understanding Small Enterprise Conference, USE 2013
 11. Gabriel Vatin, Aldo Napoli. Guiding the Controller in Geovisual Analytics to Improve Maritime Surveillance. Claus-Peter Rückemann and Wilhelms-Universität Münster editors. GEOProcessing 2013 : The Fifth International Conference on Advanced Geographic Information Systems, Applications, and Services, Feb 2013, Nice, France. IARIA, Proceedings GEOProcessing 2013 : The Fifth International Conference on Advanced Geographic Information Systems, Applications, and Services, Pages 26-31 - ISBN 978-1-61208-251-6
 12. Gabriel Vatin, Aldo Napoli. Toward User-Centred Geovisual Analytics in Maritime Surveillance. GeoViz 2013 : Geovisualization and Cognitive Visualization the GeoViz_Hamburg Workshop, Mar 2013, Hamburg, Germany. GeoViz 2013, 2 p.
 13. Marie-Annick Giraud, Benjamin Alhadeff, Xavier Chaze, Aldo Napoli, Anne-Cécile Naudin, Michel Bottala-Gambetta, Guillaume Grimaldi, Denis Chaumartin, Michel Morel, Christophe Imbert, Jean-Philippe Wasselin, David Bonacci, Patrice Michel. "SARGOS" : Système d'Alerte et Réponse Graduée Off Shore. Conférence WISG 2013 - Workshop Interdisciplinaire sur la Sécurité Globale, Jan 2013, Troyes, France. Comptes-rendus de la Conférence WISG 2013 -
 14. Bilal Idiri, Aldo Napoli. The geographical decision-making chain: formalization and application to maritime risk analysis. The 6th International Workshop on Information Fusion and Geographic Information Systems: Environmental and Urban Challenges - IF&GIS' 2013, May 2013, St. Petersburg, Russian Federation. Proceedings of the 6th International Workshop on Information Fusion and Geographic Information Systems: Environmental and Urban Challenges - IF&GIS' 2013, 9 p.
 15. Christophe Martin, Franck Guarnieri. Nuclear Decommissioning and Organisational Reliability: Involving Subcontractors in Collective Action. Decommissioning Challenges: An Industrial Reality and Prospects, 5th International Conference, Apr 2013, Avignon, France. Decommissioning Challenges: An Industrial Reality and Prospects, 5th International Conference, 9 p.
 16. Melchior Pelleterat De Borde, Christophe Martin, Denis Besnard, Franck Guarnieri. Decision to reorganise or reorganising decisions? A First-Hand Account of the Decommissioning of the Phénix Nuclear Power Plant. Decommissioning Challenges: An Industrial Reality and Prospects, 5th International Conference, Apr 2013, Avignon, France. Decommissioning Challenges: An Industrial Reality and Prospects, 5th International Conference, 9 p.

17. Raoul Textoris, Tullio Joseph Tanzi. How to define and use safety indicators to implement an efficient prevention policy. Edited by Wieslaw A. Paja and Bogdan M. Wilamowski. 6th International Conference on Human System interaction - HSI 2013, Jun 2013, Gdansk, Poland. IEEE, Proceedings 6th International Conference on Human System interaction - HSI 2013, p. 466-472 - ISBN 978-1-4673-5637-4.
18. Raoul Textoris, Tullio Joseph Tanzi. Reflection on a model of accident reporting to help to implement efficient prevention strategies. IEEE 8th International Conference on System of Systems Engineering (SoSE), Jun 2013, Maui, Hawaï, United States. IEEE, Proceedings IEEE 8th International Conference on System of Systems Engineering (SoSE), 6 p.
19. Valérie Sanseverino-Godfrin, Eric Bruni, Guillermo Hinojos-Mendoza, Emmanuel Garbolino. Mise en application de la Trame verte à l'échelon local : problématique de sa transcription dans les documents d'urbanisme. Un exemple dans les Alpes-Maritimes. Colloque Dynamiques environnementales, politiques publiques et pratiques locales : quelles interactions ?, Jun 2013, Toulouse, France. Colloque Dynamiques environnementales, politiques publiques et pratiques locales : quelles interactions ?
20. M. Zarea, Gael Pognonec, M. Lecchi, J.A. Lana, M. Sohlbach, A. Scholtz, Eric Rigaud, Chabane Mazri. Anticipating Risks of Innovative Safety Barriers: Findings on an Automated Aerial Surveillance System. 5th IntegRisk Conference "Horizon 2020: From Integf-Risk Radar to the European Emerging Risk Radar, May 2013, Stuttgart, Germany. Proceedings of the 5th IntegRisk Conference "Horizon 2020: From Integ-Risk Radar to the European Emerging Risk Radar"
21. Mohamed Haitam Laarabi, Roberto Sacile, Azedine Boulmakoul, Emmanuel Garbolino. An Overview of a Multiagent-Based Simulation System for Dynamic Management of Risk Related to Dangerous Goods Transport. 7th Annual IEEE Systems Conference (SysCon), Apr 2013, Orlando, United States. IEEE, Proceedings IEEE International Systems Conference in Engineering of Complex Systems, p. 830-835.
22. Eric Rigaud, Christophe Martin. Considering Trade-offs when Assessing Resilience. Resilience Engineering Association: 5th International Symposium, Jun 2013, Soesterberg, Netherlands. Proceedings of the fifth Resilience Engineering Symposium
23. Eric Rigaud, Erik Hollnagel, Celia Martinie, Alberto Pasquini, Martina Ragosta, Sara Silvagni, Mark-Alexander Sujan. Modeling Trade-offs Consequences Propagation and their Impacts. Resilience Engineering Association: 5th International Symposium, Jun 2013, Soesterberg, Netherlands. Proceedings of the fifth Resilience Engineering Symposium
24. Gabriel Vatin, Aldo Napoli. User Profiling and Geovisual Analytics Process Modeling for Maritime Surveillance. COST MOVE Workshop on Moving Objects at Sea, Jun 2013, Brest, France. COST MOVE Workshop on Moving Objects at Sea, 5 p.
25. Arnaud Vandecasteele, Rodolphe Devillers, Aldo Napoli. A semi-supervised learning framework based on spatio-temporal semantic events for maritime anomaly detection and behavior analysis. CoastGIS 2013 - The 11th International Symposium for GIS and Computer Cartography for Coastal Zone Management, Jun 2013, Victoria, Canada. Proceedings CoastGIS 2013 Conference: Monitoring and Adapting to Change on the Coast, 4 p.
26. Arnaud Vandecasteele, Aldo Napoli. Modélisation ontologique pour l'analyse de comportements de navires à risques. Colloque SAGEO 2013 - Spatial Analysis and GEOmatics, Sep 2013, Brest, France. Colloque SAGEO 2013, 12 p.

27. Gabriel Vatin, Aldo Napoli. High-Level Taxonomy of Geovisual Analytics Tasks for Maritime Surveillance. ICC 2013 - 26th International Cartographic Conference, Aug 2013, Dresde, Germany. Proceedings 26th International Cartographic Conference, 14 p.
28. Eric Rigaud, Thomas Cote. Toward a framework dedicated to the anticipation of consequences of a new technological system on safety performance.. Conférence WISG 2013 - Workshop Interdisciplinaire sur la Sécurité Globale, Jan 2013, Troyes, France. Comptes-rendus de la Conférence WISG 2013 - Workshop Interdisciplinaire sur la Sécurité Globale, 4 p.
29. Wim Van Wassenhove, Jean-Luc Wybo. How learning from experience fails to be productive: common pitfalls. 45th ESReDA Seminar - Dynamic Learning from Incidents and Accidents, Bridging the Gap between Safety Recommendations and Learning, Oct 2013, Porto, Portugal. Proceedings 45th ESReDA Seminar - Dynamic Learning from Incidents and Accidents, Bridging the Gap between Safety Recommendations and Learning.

Ouvrages et chapitres d'ouvrages scientifiques

1. Tullio Joseph Tanzi, Pierre D'Argenlieu. Gestion des risques et création de valeur. Hermes Science, 210 p., Sep. 2013, 9782746232020
2. Philippe Zawieja, Franck Guarnieri. Épuisement professionnel : Approches innovantes et pluridisciplinaires. Armand Colin, 272 p., Aug. 2013, Armand Colin/Recherches.
3. Philippe Zawieja, Franck Guarnieri. Épuisement professionnel : principales approches conceptuelles, cliniques et psychométriques. sous la direction de Philippe Zawieja et Franck Guarnieri. Épuisement professionnel : Approches innovantes et pluridisciplinaires, Armand Colin, Pages 11-34 - Chapitre 1, Aug. 2013, Armand Colin/Recherches.
4. Eric Rigaud, Christian Neveu, Stella Duvenci-Langa, Marie-Noëlle Obrist, Sandrine Rigaud. Proposition of an organisational resilience assessment framework dedicated to railway traffic management. Edited by Nastaran Dadashi, Anita Scott, John R Wilson, Ann Mills. Rail Human Factors: Supporting Reliability, Safety and Cost Reduction, Taylor & Francis, Pages 727-732.
5. Franck Guarnieri, Denis Besnard. Redécouvrir l'erreur humaine de James T. Reason. James Reason. L'erreur humaine, Presses des Mines, Préface - p. 7-12, 2013, Collection Économie et gestion.
6. Eirik Albrechtsen, Denis Besnard. Oil and Gas, Technology and Humans: Assessing the Human Factors of Technological Change. Ashgate, 286 p., Oct. 2013.