

Appendix 1: CV of Dr. F. Oboni

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Fields of Expertise

crisis management, communications and preparedness
due-diligence, acquisitions, strategic organization
natural and man-made risk and hazard analyses
disaster recovery plans and business continuity
risk assessment and management
crisis plans drills and instruction
teaching, training and coaching
failure and accident analyses
negotiations and litigations
landslides and rock falls
human error analyses
project reviews
expert witness

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Languages

Trilingual:	English, French & Italian
Excellent:	Spanish
Good knowledge:	German
Simple level:	Portuguese, Japanese

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Education

Ecole Polytechnique Fédérale, Lausanne, (EPFL), Switzerland: **Ph.D., Civil Engineering, 1988** (uncertainties and probabilities applied to civil works).

Postgraduate courses on thermal improvement of buildings, application of statistics and probabilities in civil engineering as well as 3rd cycle courses on concrete, steel and wood structures, (EPFL), 1985

Ecole Polytechnique Fédérale, Lausanne, (EPFL), **Diplôme d'Ingénieur Civil, 1978**

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Professional Record

Riskope International, principal consultant, 2000-present (www.riskope.com), and technical director of Riskope Italia SRL.

Oboni Riskope and Associates (former Oboni Associates Inc., Oboni Associates SA), Switzerland, Canada, President, 1988-present (www.riskope.com)

CSD SA, Chief of Sector and Managing Director, 1984-1988

Soil Mechanics Laboratory, EPFL, Research Engineer, 1981-1984

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Bureau Schalcher & Associés, Project Engineer, 1978, 1979-1981

National Computer Centre, Director, Civil Engineering Section, La Paz, Bolivia, 1978-1979

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Summary Of Experience

Dr. Oboni has managed a broad range of risk & crisis mitigation projects, risk and security audits and geo-environmental hazard mitigation studies as well as planning and management of a wide variety of multi-disciplinary studies, projects review, coaching and communication to technical and non technical stakeholders. Crisis management, catastrophe preparedness and security/communication processes as well as the relative drills constitute one significant sector of activities which also include Risk Based Decision Making (RBDM) and Comparative Decision Analysis (CDA) support.

Dr. Oboni has acted as court expert witness, mediator and facilitator in conflict resolutions in the fields of construction, environmental rehabilitation, catastrophes and accidents.

He has participated in the evaluation and due diligence for mergers and acquisitions, advised on strategic organization, structuring businesses and deals and the ownership of large entities (off shore companies, trusts, banking instruments). Dr. Oboni has developed brokering activities to select construction companies on a world-wide basis for a construction portfolio of over 5BUS\$. The construction portfolio, mainly located in North Africa and the Middle East encompasses industrial facilities, water infrastructures, airports, harbors and transportation.

Dr. Oboni's projects include short term missions on five continents, definition of needs studies, training for corporate clients, negotiations with community leaders, as well as the preparation of monitoring programs, cyclic risk reassessment and updating of probabilistic analyses after unusual events. **Dr. Oboni has also a strong experience gathered teaching/training/coaching on Risk and Crisis Management corporate and key personnel of medium to large organizations as well at various universities around the world. Dr. Oboni offers a unique blend of technical expertise and teaching capabilities which, compounded with his deep understanding of cross-cultural environments, enhance the positive results of his short courses and seminars.**

With his strong practical and applied engineering/contracting background, coupled with long term research development and continuous scientific updating, **Dr. Oboni has been involved in risk and hazard analyses for a number of large facilities and organizations, including entire countries, regions, military, food and non-food industries, mining, large linear facilities (railroads, highways, pipelines, tunnels, power lines), humanitarian demining and unexploded ordnance as well as large hydropower projects (dams, reservoirs and pen-stocks).**

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Dr. Oboni has supported numerous **studies involving the use of innovative mitigative designs and construction techniques**, and has provided alternatives evaluation, including financial life-cycle analysis for operations throughout the world. Lately Dr. Oboni has been involved in projects using artificial intelligence (www.ailandslide.com), dealing with information warfare, and developing synthetic environments for training of key personnel.

Dr. Oboni has led multinational groups in the accomplishment of extremely complicated tasks in a timely and effective manner. Assignments include numerous expert missions in Europe and overseas (Algeria, Brazil, Cambodia, Italy, Cameroon, Chad, Ghana, Libya, Canada, Australia, Gabon, Madagascar, Lao PDR, Chile, Peru, Philippines, the US including Alaska, Japan, Switzerland, France and Oman), including on-site consultation, forensic, expert witness and troubleshooting.

Dr. Oboni is the co-author of a recent book entitled: "Improving Sustainability through Reasonable Risk and Crisis Management", ISBN 978-0-9784462-0-8, www.oboni.net

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Select Examples of Mandates

Mining

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Mining Development in North Western Canada (Confidential Client): Dr. Oboni supported a major mining industry player in their decisions related to a 3BUS\$ project in a remote location in N-W Canada. Proprietary methodologies were used through this critical mandate of risk based project review.

In Pit Crushing and Conveying System (Confidential Client): Dr. Oboni conducted a preliminary risk based project review of a In Pit Crushing and Conveying System geared towards dramatically reducing the carbon footprint of a large mining operation. In addition to the classic review, his activities included a comparative risk approach, creating the base for a more detailed Comparative Decision Analysis to be performed at a later stage of project's development.

Asbestos Mine Residues Dump, Balangero, Italy. Dr. Oboni cooperated from a risk based decision making and project review within a multidisciplinary team to the design of an award winning solution for the environmental and geotechnical rehabilitation of a large dry tailings dump. The solution represented in the eyes of the jury the "best proposed solution" because of the sensible treatment of the multiple risks within a pre-determined overall cost objective.

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Alternative Emergency Transportation Systems (Confidential Client): This study was performed for a major diversified Canadian mining company and aimed at understanding the impact of various catastrophic scenarios at a port hub, their implications on the multimodal transportation system, possible alternatives, and a comparative decision analysis to define the more practical, sustainable options.

Red Dog, Alaska. Dr. Oboni provided a comprehensive study on risks, environmental and industrial accidents (with links to ISO14000), using databases, geographic information systems and internet based solutions for an operation located in a remote area in northern Alaska, including sub-operation located at more than 100km from the main living/operational hub.

Antamina Mine, Peru, Dr. Oboni performed, in cooperation with a Vancouver based consulting firm, a complete **risk assessment and project review of the tailings systems for this mine before it was commissioned.** The complex is located in the Peruvian Andes, in an area subject to karst. The **risk assessment encompassed pipelines, several dams and a tunnel system.** Dr. Oboni then proceeded with cyclic reassessments. In Jan 2005 Dr. Oboni went again to Antamina to perform a **natural and man-made slopes risk assessment.** In 2006 the slopes risk assessment was updated and Dr. Oboni participated in a 120km long road risk assessment.

**Placer Dome Canada Ltd., Canada/US,
Homestake Mines, US,
Cominco Inc, Canada, Peru, US, Chile, Australia**

Dr. Oboni conducted, in cooperation with a Vancouver based consulting firm, **large scale quantitative risk assessments** for tailings systems, including over 40 dams, smelters and the logistic of mining operations. A specific **probabilistic methodology** was developed to evaluate the risk in several mines and to allow comparisons, prioritization, and classification of system components related to their risk level. The methodology involved subjective probabilities, workshop management, historic data analysis, sophisticated event trees and reliability models using series and parallel systems. The result of the study was a manual that allows mine managers to update the risk assessment whenever necessary. Lately, because of the operations' development and their **need to comply with ISO 14000 standards** Dr. Oboni's methodology has been expanded and includes now procedures to document and maintain accidents/incidents records, as well as mitigative actions.

Risk Assessment for Energy, Water and Transportation for Chuquicamata Mine, Codelco, Chile: within the framework of this study all the supply systems of the mine were studied, including water, energy, acid networks leading to a holistic approach and a prioritized list of quantitative risks.

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Waste Management & Decontamination

PDO, Sultanate of Oman. A comprehensive study of **alternative disposal procedures** for oil field production water was undertaken to find an alternative to costly conventional deep injection methods. The study encompassed a thorough bibliographical search, development of five alternatives, a screening of cost evaluations, choice of the most promising alternative, and development of conceptual design for pilot-scale tests and full scale implementation. **A complete risk management approach, risk based decision making scheme and project review was prepared.**

Environmental Management, Chile. Dr. Oboni lead a definitions mission which resulted in an official request to the Swiss Cooperation Agency for assistance in dealing with the global **environmental risk management of one of Chile's major cities**. Negotiating the objectives of the risk mitigation project with the city council and defining public image goals to restore a pleasant atmosphere for tourism to the city were two of the major aspects of the mission.

Bellerive, Lausanne, Switzerland. Wastes and pollutants of different origins were detected on a site to be developed for a major under-lacustrine gas pipeline landing. Specific screening, sorting, testing and treatment procedures were developed in order to handle the excavated material in accordance with local regulations. **Basins for water treatment were designed, and a site-specific risk assessment was conducted.**

Coal Mines in Santa Caterina, Brasil. Dr. Oboni led a group of Brazilian scientists through the first phases of a risk assessment on a region encompassing 29 properties (20 abandoned, 9 operational). Severe ARD and health hazards constitute major concerns in this region.

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Organizations & Communities, Energy Production/ Distribution/ Utilities

Confidential Military client: Dr. Oboni leads a group developing « **information warfare** » **knowledge base, including offensive and defensive tactics**. Attention is focused on **potential malevolent action from terrorist (read eco-terrorists, activists and or organized crime, and or military)**. Measures and countermeasures are studied and a proper risk assessment developed on these threats. The possible **use of synthetic environments for training of personnel is explored**. A strategy and tactics for sustainable defenses are put forward,

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based on the results of the risk analysis and the client overall risk profile. **These studies are of critical importance for large industries, suppliers, natural resources, oil and gas, and governmental agencies.**

Val d'Aosta, Italy. Dr. Oboni reviewed the communication strategy and catastrophe response within the frame of legal proceedings against the regional government, in the wake of Nov. 2000 flooding and the death of several citizens.

Val d'Aosta, Italy, Piemonte, Italy. Dr. Oboni acted as an expert witness in criminal investigations linked to avalanche accidents with multiple casualties and multiple victims.

Direction de la Protection Civile, Algeria. Dr. Oboni was asked to help the Direction de la Protection Civile Algérienne (Direction of Algerian Civil Protection) to reorganize and enhance from an operational and security point of view their crisis communication protocols and equipments.

BC Gas, BC Hydro, Vancouver, Canada. Dr. Oboni supported a company wide risk management approach of these two companies and training personnel at various levels through seminars, lectures and workshops

AEM, Italy. Dr. Oboni tested the crisis and preparedness systems of this major utility company (electricity, urban heating, traffic regulation and soon gas) by running a set of table top drills (and then full scale drills) based on a preliminary risk assessment conducted on the corporation.

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Industrial Facilities & Suppliers

Framatome/Cezus, France. Dr. Oboni provided consulting for risk assessment and human error analyses to this large producer of Zirconium and Hafnium. Courses have been given to the personnel in the factory and at the Headquarters in Paris for catastrophe preparedness.

Battery Manufacturer and Supplier, Switzerland. Dr. Oboni developed risk management plan and a catastrophe preparedness plan at a major battery producing plant located in the middle of residential areas. The study included an analysis of historical data on accidents and incidents, an analysis of production and management chains of command, as well as coordination and classification of the chemical and physical characteristics of all the materials used at the plant. Results of the study included projects aimed at risk abatement, perimeter safety enhancement (vandalism reduction), the reduction of the volume of wastes by recycling and disposal, as well as the possible use of the wastes by third parties. Drills and other exercises were performed.

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Groupe Cartier, Switzerland, Japan. Dr. Oboni provided consulting for **risk assessment and human error analyses to this large luxury items producer.** Assessments cover not only the production facilities but also the logistics of the group, including transport and distribution overseas. **In Japan Dr. Oboni assessed and facilitated the implementation of the Emergency Response and Business Resumption Plan of the company's Head Quarters, located in central Tokyo with particular emphasis on the communication processes**

Camille Bloch, Chocolate, Switzerland. Dr. Oboni coached the management of this very reputable Swiss chocolate maker through their **holistic review of risks, crises and security, including the programs for product recalls,** including specific chapters on security of personnel, terrorism threats and criminality.

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Railroads

Canadian Pacific Railway Systems, Canada. Dr. Oboni developed a **comprehensive risk assessment** for a sector of CPRS railway lines in the Canadian Rockies. The risk assessment encompasses decisions relative to construction alternatives for risk mitigation.

CN Rail, West BC, Canada and Union Pacific RR (USA). A **large scale risk assessment** for rock fall and landslide prone areas was conducted. A specific probabilistic methodology was developed to evaluate risks faced by the railway. Several stabilizing/minimizing actions were undertaken and a **prioritization - classification system was developed to produce a sensible budgetary strategy** for implementation of the risk mitigation program. The reports were used as a support to litigation in the USA.

Transgabonese Railroad, Gabon. Dr. Oboni was in charge of an **expert mission dealing with numerous unstable rock and soil slopes/fills** phenomena along the Transgabonese railroad, presenting cuts up to 60m deep in a very difficult equatorial jungle environment.

Elk Valley Coal Corporation, Canada, Dr. Oboni developed a **logistic risk assessment related to the coal shipments** out of the Elk Valley mining system. Alternatives shipment routes encompassed east and south routes, through the US and loading facilities on both coasts.

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Highways & Tunnels

Halsema Road, Luzon, Philippines. A hazard management approach to the **survivability** of a two hundred kilometers stretch of mountainous highway in central Luzon, performed through a joint venture between US and Philippine Consultants. Dr. Oboni was invited to join this effort as an **international expert for hazard identification and the analysis** of alternative design of corrective measures.

120km Andean road, Peru. Dr. Oboni performed, with a team of three other experts, a **Risk Assessment mission** for a 120km-long mountainous mine access road, rich in unstable and extremely active environments.

Fréjus Highway, Italy. Dr. Oboni is part of an award winning team of experts performing the study of two major landslides along this very critical highway linking Italy and France through the Fréjus Tunnel. SAR is being investigated as a possible monitoring system coupled to modern modeling tools.

Salbertrand, Italy. Dr. Oboni led a group to **design and follow up construction of a drainage tunnel** aimed to slow down a 10Mm³ slide endangering various assets. The construction is located in a National Park. The access road was the object of **delicate negotiations with environmental groups**. Both the **tunnel and the access road have been designed using risk based decision making**.

Highway 1, Various locations in Italy, Bridges in Algeria, Dr. Oboni has performed **risk assessments for various major projects and existing bridges** in Switzerland, Italy and Algeria. He participated to evaluation teams in various occasions, including major projects in South America.

120km road, Madagascar. Dr. Oboni performed an **expert mission** for a 120km-long mountainous road, which presented several **soil/rock hazardous slopes/fills** where instability phenomena had occurred during rainy seasons.

Central Heating Services, Switzerland. Risk based decision making was used to **propose solutions for a delicate swelling rock problem in a central heating tunnel**. The tunnel was built a decade ago and the bottom has been swelling since construction. The central heating pipes were stressed by the deformations and many supports are severely damaged. The **rehabilitation work will have to be performed without service disruptions**.

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Geosphere Risks

World-wide risk assessment for the humanitarian demining industry, under financing by the United Nations: Dr. Oboni was the Risk Management expert of an interdisciplinary team of international experts in charge of a **complete review of the industry standards and operating procedures, as well as of defining an holistic risk assessment, including social, political and long term legal risks** for the industry. Cambodia was used as a case study. The results are visible in Chapter 4 of the GICHD Manual Demining Manual, www.gichd.ch.

Sudan Mined Road Clearance Study: Dr. Oboni actively advised and developed the GICHD on a risk management approach for the mined roads of Sudan.

Lao PDR Unexploded Ordnance (UXO) Risk Management Approach: Dr. Oboni was the Risk Manager in charge of a country wide risk management approach to the UXO contamination of Lao, the most heavily bombed country in the world.

Country wide humanitarian demining strategic modeling system: Dr. Oboni develops under the banner of a soon to be registered non profit/non governmental organization a model geared towards better allocation of demining funds and assets.

Kitimaat Indian Band, BC, Canada. The probabilistic study of a possible major submarine landslide was conducted and overseen by Dr. Oboni, who acted as a subcontractor to a major Vancouver-based geotechnical consultant.

Residential Development near Vancouver, Canada. The slopes of Black Mountain show geomorphologic characteristics of a rock fall/rockslide prone area. A large development was planned for the foot of these slopes. Dr. Oboni was responsible for a **detailed risk assessment, and the design of rock-fall net systems and other risk mitigation structures.**

Civil protection, Italy: development of communication protocols and related wireless telecom system (data/voice), integrated with GIS and automated location of men and vehicles. Development of operational guidelines and training.

Provincial government, Vercelli, Italy: development of a multi hazard risk assessment tool for land use and planning. GIS based, comprehensive, innovative and unique methodology developed for this government will offer integrated risk management solutions world-wide to interested governments.

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Mergers Acquisitions & Strategic Organization

AXForce, Switzerland, Canada: Dr. Oboni developed a **full spectrum strategic analysis for a new venture** geared towards the development, production and marketing of an innovative micro-jet, micro-turbo fan product. As the product can find applications in numerous fields, **risk based decision making has been extensively used to guide the definition of development axes.**

Acquisition of a major European Construction Company by a foreign group of investors: Dr. Oboni participated in the evaluation and due diligence for the acquisition of a major European construction company, advised on strategic organization, structuring of the deal and the ownership (off shore companies, trusts, banking instruments).

Brokering activities to select construction companies on a world-wide basis: Construction companies were selected and interviewed world-wide for a construction portfolio of over 5BUS\$ managed by an international group of interest. The construction portfolio, mainly in North Africa and the Middle East encompasses industrial facilities, water infrastructures, airports, harbors and transportation.

Brokering activities for a 9km long tunnel in Colombia: Construction companies were selected and interviewed world-wide for a tunnel in Colombia (9km, 3.7 diameter microtunneling works for a sewer in the greater Bogotá area).

Lately Dr. Oboni has been working at the application of satellite imagery (including SAR) and Artificial Intelligence to large scale risk assessments in Alpine environments.

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Scientific Activities & Media Appearances

Since 1979, Dr. Oboni has:

- presented papers at numerous international symposiums and conferences (ICASP, ICSMFE, ISL, INCONMIG, etc.),
- worked as member of organizing committees of International Conferences,
- performed as General Reporter and State of Art Lecturer at various Conferences'
- acted as a consulting international expert for the Australian Research Council,
- accepted invitations to Japan, where he conducted a series of lectures on Risk Management at the Hokkaido Development Engineering Center, the Embassy of Canada, the Canadian Consulate General in Osaka, and with numerous private

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companies and individuals, including large insurance companies and manufacturers,

- participated in the IUGS Working Group on Landslides Committee which defined the glossary nowadays internationally used in geohazard risk assessments.

Media exposures have included interviews for Radio Canada (1hr National audience), Radio Switzerland (on the Sarno mud slides in Italy), filming of various lectures and Key Note Lectures.

The Nikkey Weekly invited Dr. Oboni to present a review paper on Risk Management for the fall 2000.

Author of over 30 publications, **Dr. Oboni has also presented at the following universities, laboratories and organizations:**

Asian Institute of Technology, Bangkok, Thailand
The Canadian Consulate General, Osaka, Japan
Cranfield University, UK
CIM, CLRA, Canada
Departamento del Ambiente, Vina del Mar, Chile
Embassy of Canada, Tokyo, Japan
Hokkaido Development Engineering Center, Sapporo, Japan
Institut des Travaux Publics et du Bâtiment, Paris, France
Laboratoire National des Travaux Publics, Antananarivo, Madagascar
National Council of Research, Turin, Italy
Polytechnic School, Turin, Italy
Civil Protection, Turin, Italy
Rhône-Poulenc, Paris
Société Suisse de Mécanique des Sols et des Roches, Suisse
University of California, Berkeley, CA, USA
University of Colorado, Ft. Collins, CO, USA
University of Edmonton, Alberta, Canada
University of Fredricton, New Brunswick
University of Purdue, W. Lafayette, IN, USA
University of Washington, Seattle, WA, USA
University of Wollongong, New South Wales, Australia
US Geological Survey, Menlo Park, CA, USA
US Corps of Engineers, Vicksburg, MS, USA
Vancouver Geotechnical Society, Vancouver, Canada
Framatome, Paris, France
BC Gas, Vancouver, Canada
Università di Parma, Italy
Canmet, Ottawa, Canada
Marcus Evans Risk Management Seminar in Tokyo
Mitsubishi Motor Company, Tokyo

Dr. Oboni taught twice a year a three days course at the University of British Columbia on “Design of Risk Management Systems” between 1997 and 1999 (Continuing Education). Now Dr. Oboni delivers his customized seminars directly

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to interested industrial corporations (among clients: BCHydro, Mitsubishi Motor Company, Japan Metal Mining Association etc.).

Recent seminars were presented in Canada, Japan, China, Italy.

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Professional Affiliations

Professional Engineer, Registrar A, Federal Engineering Association, Switzerland
Société Suisse de Mécanique des Sols et des Roches
International Society of Soil Mechanics and Foundation Engineering
International Society of Rock Mechanics
Société Suisse des Travaux sans Tranchées. (Swiss Trenchless Technology Association)

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Publications

Dr. Oboni is the co-author of Environmental Management, Geo-Water and Engineering Aspects, Balkema, 1994. A complete listing of publications will be provided upon request.

Dr. Oboni is the author of a Mining Risk Management Course online on the www.edumine.com web site.

Dr. Oboni is the co-author of a recent book entitled: “Improving Sustainability through Reasonable Risk and Crisis Management”, ISBN 978-0-9784462-0-8, www.riskope.com

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Appendix 2: List Of Selected Publications

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Oboni, F., Bourdeau, P.L. & Bonnard, Ch. (1984) - Probabilistic Analysis of Swiss Landslides - *Proc. IVth Int. Symp. on Landslides, Vol. 2, ISL, Toronto, 1984, pp 473-478.*

Oboni, F. & Bourdeau, P.L. (1985) - Simplified Use of the Beta Distribution and sensitivity to the Bound Locations - *Structural Safety - Elsevier Sciences Publishers B.V., Amsterdam.*

Oboni, F. & Egger, P. (1985) - A Probabilistic Analysis of the Vajont Slide - *Proc. Vth Int. Conf. on Numerical Methods in Geomechanics, Nagoya, pp 1013-1018.*

Oboni, F. (1988) - General Report: Analysis Methods and Forecasting of Behaviour - *Proc. Vth Int. Symp. on Landslides, Lausanne. Vol.1, pp 491-499.*

Oboni, F. & Hlobil, Z. (1991) - Building a residential complex on a slow deep seated slope instability - *ICE-ICSSE '91, The Institution of Civil Engineering, London, pp 113-117.*

Oboni, F. (1992) - Building a Complex Urban Facility on a 35-year old dump - *in Geomechanic and Water Engineering in Environmental Management. Ed.A.A.Balkema, Rotterdam, pp195-231.*

Oboni, F. & Angelillo, V.T.G (1993) - Risk Maps for Rockfall Prone Areas: Environmental/human aspects - *Proc. Int. Conf. on Environmental Management. Geo-Water and Engineering Aspects, Wollongong, Australia, pp 715-720.*

Oboni, F. & Hlobil, Z. (1993) - Risk management and decision making: Complex retaining structures and other geotechnical issues - *Short courses at Wollongong University, Australia. 15p.*

Hlobil, Z., Oboni, F. & Vernez, G. (1994) - Managing a subsurface contamination program in a dense urban site with peculiar geological setting - *Second Int. Symp. and Exhib. on Environmental Contamination in Central and Eastern Europe, Budapest, Hungary.*

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Oboni, F., Hlobil, Z. & Angelillo, V. (1994) - Risk Maps for Rockfall Prone Areas: A Methodological Approach - *Proc. IVth Geoengineering Int. Congress on Soil and Groundwater Protection, Torino, pp 215-217.*

Oboni, F., Naceur, I. & Hlobil, Z. (1996) - Integrated Resources/Wastes management systems: Concept for a healthy beneficial reuse - *Globe Foundation of Canada, Globe Environmental Conference 1996.*

Oboni, F., Angelillo V., Naceur I., Coppex J.P. (1996) - Environmental Risks in the Building Industry - *Ingénieurs et Architectes Suisses, 12/96.*

Oboni, F., Oldendorff, G. (1997) - Integrating Risk and Crisis Management: Meeting the Needs of a Sophisticated Society - *IUGS Working Group on Landslides Committee on Risk Assessment, Honolulu, 1997.*

Oboni, F., et al. - A Risk Management Approach for Tailing Systems - *Golden Jubilee Conference Canadian Geotechnical Society, Ottawa, 1997 (Canada),*

Oboni, F., Oldendorff, G., Risk Management - *University of British Columbia Course and Notes, Vancouver, Canada, 1997.*

Oboni, F., Oldendorff, G. (1998) - Uncertainties, Risk and Decision Making: Risk Management and Crisis Management Integrated Approaches - *Second International Conference on Environmental Management, Wollongong, 1998.*

Oboni, F., I. Bruce, M. Aziz, K. Ferguson - A Risk Management Approach for Tailing Systems - *Second International Conference on Environmental Management, Wollongong, 1998.*

B. Abbott, I Bruce, T. Keegan, F. Oboni, W.Savigny, A Methodology for the Assessment of Rockfall Hazard and Risk Along Linear Transportation Corridors, *IUGS Conference, Vancouver, 1988*

B. Abbott, I Bruce, T. Keegan, F. Oboni, W.Savigny, Application of a New Methodology for the Management of Rockfall Risk along a Railway, *IUGS Conference, Vancouver, 1988*

Oboni, F., Geo-Environmental Risk: Assessment, Analysis, Management and Planning, *SIGA 98 State of the Art Report, Sao Paolo, Brazil, 1998*

Oboni, F., Principles of Risk Assessment & Communicating the results of a Risk-Based Analysis, *Mine Environmental neutral drainage (MEND) program, Summary notes, 5th annual BC MEND 2000 metal leaching & ARD workshop, Vancouver, 1998.*

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Bruce, I. G., and Oboni. F., 2000 Tailings management Using Quantitative risk Assessment. *In Tailings Dams 2000, Proceedings of the Association of State Dam Safety Officials, US Committee on Large dams, March 28-30, 2000, Las Vegas, Nevada. P. 449*

Mehling, P., Oboni, F., and Bruce, I. 2000. Tailings: To Flood or not to Flood, *A Presentation to Tailings Dams 2000, Association of State Dam Safety Officials, US Committee on Large dams, March 28-30, 2000, Las Vegas, Nevada.*

R.S. Read, K. W. Savigny, F. Oboni, D. M. Cruden, C. W. Langenberg, Geotechnical hazard assessment of the south flank of Frank Slide, Hillcrest, Alberta, *Geo Canada 2000, The Millenium Geoscience Summit, 2000.*

Oboni, F., Bruce, I., A database of Quantitative Risks in Tailings Management, , p379 in *Slope Stability in Surface Mining edited by Hustrulid, WA, McCarter MK, and Van Zyl, D.J.A., Society for Mining Metallurgy and Exploration Inc. (SME), 2000. ISBN 0-87335-194-0*

F. Oboni, C. Angelino, B. Visconti, Un database sui rischi quantitativi nella attività di coltivazione di miniere e cave, *Rivista GEAM, n° 103, 2001*

Bruce & Oboni, Risk Management Process for Tailings Control, *Mining Engineering, SME, Oct. 2002*

Bruce, I. , Oboni, F., Thibaud, R., Risk Management for the Mining Industry Using Quantitative Risk Assessment, *CIM, Montreal 2003*

Oboni, F., Utilisation des Risques Quantitatifs dans le Domaine Minier, *Montreal Icold 2003,*

Oboni, F., Ten Years Experience in Linear Facilities Risk Assessment (LFRA), *San Francisco ICASP9 2003*

Oboni, C. Oboni, F., Definition of Objective Terror Alert Criteria, (OTAC) ©Oboni&Associates, 2003, Turin, 2004

Oboni, C. Oboni, F., Formulation of Predictive Potential Target Selection (PPTS) ©Oboni&Associates, 2003, Turin, 2004

Oboni, C. Oboni, F., Risk Based Prioritization of Mitigative Funding (RBPMF) ©Oboni&Associates, 2003, Turin 2004

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M. Pritchard, M. Porter, W. Savigny, I. Bruce, F. Oboni, T. Keegan & B. Abbott, CN rockfall hazard risk management system: Experience, enhancements, and future direction, *Landslide Risk Management Conference, Vancouver, June 2005*

Oboni, F., Velocity-Rain Relationship at the Cassass Landslide, *Landslide Risk Management Conference, Vancouver, June 2005*

L. Piccarelli, F. Oboni, S.G. Evans, G. Mostyn, R. Fell, Hazard characterization and quantification, *State of the Art Paper, Landslide Risk Management Conference, Vancouver, June 2005*

M. Pritchard, M. Porter, K. W. Savigny, I. Bruce, F. Oboni, T. Keegan, B. Abbott, *CN Rockfall Hazard Risk Management System: Experience, Enhancements, and Future Direction*, 2005 AREMA Annual Conference, 2005

Geneva International Centre of Humanitarian Demining, *A Study of Manual Mine Clearance, Chapter 4, Risk Assessment and Risk Management of Mined Areas*, Geneva, 2005

Oboni, F., Do Risk Assessments Really Add Value To Mining Projects?, CIM Mining Conference & Exhibition 2006, Vancouver, Canada, 2006

Oboni, F. , Risk Based Decision Making for the Design of Reclamation Projects, CLRA 2006 Reclamation and Remediation: Policy to Practice, 31st Annual Meeting and Conference, Ottawa, 2006

Oboni, F., Angelino, C., Visconti, B., Curti, R., Ghione, A., Environmental Restoration of a 60Mm³ Dry Asbestos Tailings Dup Using Risk Based Decision Making, *Canadian Reclamation*, Issue 1, Spring/Summer 2006

Oboni, F., Angelino, C. , Moreno, J. , *Using Artificial Intelligence In An Integrated Risk Management Program For A Large Alpine Landslide*, International Conference 'Climate Change – Challenges and Solutions', May 21-24th 2007, Ventnor, Isle of Wight, United Kingdom.

Improving Sustainability through Reasonable Risk and Crisis Management, by Franco & César Oboni, ISBN 978-0-9784462-0-8, 2007 www.oboni.net

Cesar Oboni e Dr. Franco Oboni, *Valutazione degli effetti a lungo termine di un programma nazionale di riduzione dei rischi da inondazione*, Giornate di Studio Difesa del Suolo, Torino, Italy, June 2008.

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