

PAOLO F. RICCI, PhD, MPA, MSc, MA, LLM

Dr. Ricci -- a **Senior Fulbright Scholar** (*Specialist*, 2010 - 2015) and appointed peer reviewer for Fulbright Specialists selection (2013-2014) has led, for over 30 years, public policy research and management focussing on environmental health, qualitative and quantitative analyses, and experimental work in, among other countries, the USA, Canada, Italy, Australia, France, Vietnam, China, Ivory Coast, and the European Union. Dr. Ricci has been the **Head of the Environmental Technologies Clearinghouse** of the **IEA/OECD** (with full diplomatic status). He has served for several years as a peer reviewer of the **United States Department of Energy** (DOE) activities regarding the human health risks from past nuclear weapons tests at the Nevada Test Site, and in the reviews of other DOE activities at their facilities, including the Hanford nuclear reactors site. He has worked and published extensively in peer reviewed journals on: environmental economics, law, **probabilistic decision models applied to environmental and energy choices**, probabilistic causation, **linear and non-linear applied statistical models**. He also studied human health risks from nuclear and non-nuclear energy technologies; cancers, and other toxic effects from exposure **to airborne and waterborne contaminants and microbiological agents**.

HIGHEST DEGREES

PhD and **MSc**, (Engineering and Sciences; US Public Health Service and Kellogg Fellow), Drexel University, Philadelphia, PA, USA (1976, PhD done in less than 2 years)

MA, Economics (Econometrics and Mathematical Economics), Temple University, Philadelphia, PA, USA (1974, in parallel with doing a PhD and MSc at Drexel University).

MPA, Kennedy School of Government, Harvard University, Cambridge, MA, USA (1979).

LLM, European Union Law (Health, Environment, and Safety), Leicester University, UK (1994).

LANGUAGES

Italian, French, English: fluently spoken, written and read; Chinese (Mandarin): intermediate.

SAMPLE OF ACADEMIC EXPERIENCES

2012 to present: **Professor**, Erasmus Mundus Programs, Italy, Spain, and Portugal.

6/2000 to 2012: **Professor**, Holy Names University; Adjunct **Professor**, University of MA (Amherst), School of Public Health; **Visiting Professor**, Xiamen University, PR China; **Professor**, University of Bologna, Italy.

6/94 to 1/2000: **Professor**, Public Health; Law, University of Wollongong, Australia; Head Risk Analysis, NSW Dept. Public Health, Sydney.

6/88 - 6/94: 1) **Associate Professor**: School of Public Health, UCLA, USA
2) **Adjunct Professor of Law**: U.C. Berkeley (Boalt Hall), USA.
3) **Partner**, Ricci & Molton

1/86-5/90: **Senior Consultant**: Arthur D. Little, Cambridge, MA, USA.

6/79-1/86: **Project Manager**: Electric Power Research Institute, Palo Alto, CA, USA.

8/78-6/79: **Teaching Fellow**: Harvard University, Cambridge, MA

6/75-7/78: **Assistant Professor**: University of Ottawa, Canada. Concurrently: **Policy Analyst**, Environment Canada, Office of the Science Advisor to the Federal Minister of the Environment, Ottawa.

1/73-6/76 **Kellogg Foundation Fellow** and **U.S. Public Health Service Fellow** (Environmental Health): Drexel University, Philadelphia, PA.

Highest teacher's evaluations in Graduate Course in: Applied Statistical Methods, Risk Assessment and Decision Theory, Probabilistic Risk Analysis, Environmental Health, and Epidemiology. Highest teaching evaluations in Mathematics and Statistics (undergraduate-level courses). Nominated (and ranked second) as the most inspiring educator at Holy Names University

SAMPLE OF EXPERIENCES OUTSIDE ACADEMIA

US State Department, US AID. Risk assessment, the Greater Cairo, Egypt: air pollution.

EPRI (Electric Power Research Institute), Palo Alto, CA. Grant to develop long-term projections of water supply, demand, and quality to study the health and energy implications of changes in the US water budgets.

World Laboratory, Geneva. Grant to develop a joint environmental health (epidemiological risk assessment) program with the National Environment Agency and the Atomic Energy Agency of Viet-Nam (3-year grant).

Lawrence Livermore National Laboratory, Livermore, CA. Developed methods for decision-making under uncertainty (stochastic models coupled to multiple stakeholders' game theory-based research; other techniques used in advanced risk assessment) (1999 – 2006).

United States Air Force (Brooks AFB). Research on the use of GIS and artificial intelligence methods as aid to decision making under uncertainty when heterogeneous forms of evidence (1999-2000).

National Environmental Protection Council of Australia. Developed a new approach to setting cost-benefit-risk based standards for Australia using observational epidemiological studies (1997).

New South Wales Dept. of Health. Investigations of: HIV patterns of infections from a concentrated aboriginal population with very high mobility; scalds in children; use of alcohol and illicit drugs in school-age children and adolescents in New South Wales.

National Environment Agency, Viet-Nam. Advised on environmental management of water-borne diseases in Hanoi (Grant from the Australian Commonwealth EPA)

Government of Queensland. Developed a legal-regulatory risk-cost-benefit framework (1996).

Law Firms. Advisor on the environmental law, toxic torts, and complex scientific issues (on-going).

Australian Federal Government. Review of national water guidelines in the context of the Federal Drinking Water Guidelines for 1995 (1996). (Grants from the National Medical & Health Research Council, equivalent to US NSF).

International Energy Agency (OECD; Paris). *Head* of the Information Technology on Environmental Technologies Clearing House of the OECD/IEA. Made presentations to the Ministers of the OECD Member Countries.

European Community, Ispra Joint Research Center. *Visiting scientist*, developed approaches to perform safety assessments of biotechnology and drafted secondary legislation to regulate biotechnology for the European Union (Draft Directive, European Community, 1987).

Arthur D. Little. *Senior consultant* responsible for developing probabilistic risk assessment and management methods for low probability, high consequences events. Made presentations on legal and regulatory requirements in the US, Canada, and overseas (Italy) regarding environmental, health and safety matter to senior-level corporate officers and public officials. Developed proposals funded by both private and public entities. (1986 - 1990)

Italian Energy Agency (ENEA). *Advisor*, on loan from EPRI for 12 months, to develop a health-based assessment of emissions from a coal-powered plant in Northern Italy.

Electric Power Research Institute, EPRI. *Program Manager* leading and developing national and local cost-benefit-environmental projects worth approximately \$1,500,000 per year. The areas of direct management included the development of models for studying the releases of gases and solids into air and water by coal-burning power plants. Responsible for conducting workshops and conferences involving Nobel laureates and other major scientific figures. Responsible for making presentations to senior utility managers on technological risk-cost benefit results, modeling, and legal requirements.

Federal Canadian Minister of the Environment, Office of the Science Advisor to the Minister of the Environment. Responsible economist for advising the Minister of the Environment on environmental and economics matters.

SELECTED VARIAE

1. American Society of Civil Engineers (ASCE): Member, Environmental Effects Committee, Energy Division and Publications Committee, Energy Division.

2. Risk Analysis Task Force, American Society of Mechanical Engineers (ASME).

3. Australian National Health & Medical Research Council: Standing Comm. on Env. Health and Nutrition. (Federal Australian Gov.)

4. Royal Australasian College of Physicians: Task Force on the Code of Conduct for Expert Witnesses.

- 51st International Conference on Econometrics and the Environment, Lisbon Portugal, 1996 (Member Scientific Committee).
- AAAS Symposium, Uncertainty in Law and Health Risk Assessment. AAAS 150th Annual Meeting, 1984.
- ORSA-TIMS Meeting, Risk Assessment Session, Los Angeles.
- Society for Risk Analysis, Program Chairman, Annual Meeting, 1986.
- Session Chairman, ASCE Annual Specialty Meeting, Nashville, 1988.
- Session Chair, PSAM; Session on Risks and Law, 1991.
- Director, NATO Advanced Study Institute on Risk Assessment (1981)

High Level Policy Work

Executive Office of the President of the United States. Cited several times in *Risk Analysis: A Guide to Principles and Methods for Analysis of Health and Environmental Risk*. Washington DC (1989).

US Congress: Testimony on Waste Minimization Bill (HR 1800) at the House of Representatives.

OECD: Diplomatic Rank (Consular-level), Head of Division.

PUBLICATIONS

He has published several books (e.g., with Prentice-Hall, Pergamon Press, Springer) and has been published in *Science*, *J. American Medical Association*, *J. Australian Medical Association*, *ES&T*, *Environment International*, and many other major journals. Dr. Ricci has been an Associate Editor of *Environment International* for more than 15 years, ending in 2014.

His new book will be published by Springer in late 2018: *The analysis of catastrophes and commonplace events: Descriptions, predictions, and judgmental paradoxes in public health policy*

BOOKS AND EDITORSHIPS OF SPECIAL ISSUES OF PEER REVIEWED JOURNALS

- *Dose Response* (2015), SAGE, Guest Editor (with E Fabbri), Special Issue on Endocrine Disruptors.
- *International Journal of Dose-Response*, UMass Amherst, Guest Editor (with IR Sammis) Special Issue on *Causal Models in Public Policy*, (2011).
- Ricci, P.F., *Environmental and Health Risk Assessment and Management: Principles and practices*, Springer 2006 (Hardback); 2010 (soft cover).
- Ricci P. F., *Principles and Practices of Risk Assessment and Management*, Springer, Dordrecht, The Netherlands (2006).
- *Technology*, Special Issue Editor, *Risk Assessment of Bacteriological and Viral Agents*, (Vol. 9, 2002).
- *Environment International*, Editor (with T. Beer and D. McDonald): *Modelling and Simulation: Environmental Risk Analysis*, (1999).
- Ricci, P. F. (Ed.), *Journal of Energy Engineering*, Special Issue on Risk Management, 1992
- Ricci, P.F. (Ed.), *Journal of Energy Engineering*, Special Issue on Risk Assessment, 1990.
- Cox, L.A. and Ricci, P.F. (Eds), *New Risks: Issues and Management*, Plenum Press. N.Y., 1990
- Solomon, K. and P.F. Ricci. (Eds), *Journal of Hazardous Materials, Special Issue on Legislation and Regulation*, 1987.
- Pinchera, G.C., P.F. Ricci and A. Moghissi (Eds), *Environment International, Special Issue on Risk Assessment*, 1985.
- Ricci, P.F. and M. Rowe (Eds), *Health and Environmental Risk Analysis*, Pergamon Press, 1985.
- Ricci, P.F., *Principles of Health Risk Assessment*, Prentice-Hall, 1985.
- Ricci, P.F., L. Sagan and C. Whipple (Eds), *Technological Risk Assessment*, NATO Advanced Study Institute, Suijthoff & Noordhoff B.V., The Netherlands, 1984.

PEER REVIEWED PUBLICATIONS (List of conference papers and other presentations available on request)

- Martin F, et. Al., Quantifying the risk reduction potential of a new Modified Risk Tobacco Product, *Regulatory Toxicology and Pharmacology*, 92: 358-369 (2018).
- PF Ricci, HX Sheng, Precautionary Principles: Catastrophes, predictability and choices, *Major Works in Earth Systems and Environmental Sciences*, Reference Module, Elsevier, UK (Accepted, new Article from its 2013 original version, 2018)
- P F Ricci and S Tharmalingam Ionizing Radiations Epidemiology Does Not Support the LNT Model, *Reviews in Toxicology* (in submission, 2018)
- Ricci PF and Sheng HX), Global Challenges -- *Dragons-King, Black and Gray Swans: -- for science-policy*, invited full paper, *Global Challenges*, Wiley (2017)
- PF Ricci, Endocrine Disruptors: Improving Regulatory Science Policy, *Dose-Response*, October 2015 vol. 13 no. 4, (Nov. 2015), DOI:10.1177/1559325815611903.
- US NUCLEAR REGULATORY COMMISSION, US NRC, Linear No-Threshold Model and Standards for

- Protection Against Radiation. (**Docket ID NRC–2015–0057** posted on the US NRC website November 13, 2015
- Hua-Xia Sheng, Ricci, PF and Fang Q, Legally Binding Precautionary and Prevention Principles: Aspects of epistemic uncertain causation, *Env. Sci & Policy*, 54: 185-198 (2015)
 - Ricci PF et al., *Intrinsic Analysis: Unification through networks, entropies, and diversity measures*, 2014 Ocean Science Meeting, Honolulu, 23-28 Feb. 2014 (POSTER).
 - Yu W, L. Zhang, P F Ricci and Chien B, (2014) Coastal ecological risk assessment in regional scale: Application of the relative risk model to Xiamen Bay, China, *Ocean & Coastal Management*, 108: 131-139, doi.org/10.1016/j.ocecoaman.2014.04.027
 - PF Ricci, HX Sheng, (2013) Precautionary Principles: Catastrophes, predictability and choices, *Major Works in Earth Systems and Environmental Sciences*, Reference Module, Elsevier, UK,
 - Hanekamp, JC, Kwakman J, Pietrman R, PF Ricci, The Administrative Ordering of Nature and Society—Precaution and food safety at the molecular and global level, *EJRR, Symp. On Risk Regulation Reflex (3/3)*, pp 313-325, (2012).
 - Cox LA, Popken, D, and Ricci, PF, Warmer is Healthier: Effects of mortality rates changes in average fine particulate matter (PM2.5) concentrations and temperature in 100 US cities (2013), *Regulatory Toxicology and Pharmacology*
 - Cox LA, Popken, D, and Ricci, PF, Temperature, not fine particulate matter, is causally associated with short-term acute daily mortality rates: results from one hundred US cities, *Dose Response* (2012).
 - Zhao Y, Lou I, Wu Y, and PF Ricci, Systems Cancer Biology and the Controlling Mechanisms for the J-shaped Cancer Dose Response: Towards relaxing the LNT hypothesis, *Dose-Response*, (2012).
 - Ricci, PF, Straja, SR, and Cox., J., LA, Changing the Risk Paradigms Can Be Good for Your Health, *Dose Response* (2011)
 - Ricci, PF and Sammis, IR, The role of Linear and Non-linear Dose-Response Models in Public Decision-Making, *Int. J. Dose Response* (2012)
 - Ricci PF and Sammis, IR, (2012), Regulatory Science: Biphasic Cancer Models or the LNT – Not just a matter of biology! *Int. J. Dose Response*, 10(2):120-54.
 - Zhang, JJ, Zhang, L, and Ricci, PF, Water Quality and Non-point Sources of Risk: The Jiulong River watershed, PR China, *Water Science and Technology*, 2012;65(1):38-45.
 - Ricci, P.F., Calabrese, E.J. (2010). Hormesis and Cancer Risks: Issues and Resolution, Chapter 7. In: *Cancer Risk Assessment* (C.-H. Hsu and T. Stedefors, Editors). John Wiley and Sons, Inc., USA
 - Calabrese, E.J., and Ricci, P.F. (2009). Hormesis and Risk Assessment, Part 10. In: *General and Applied Toxicology*, 3rd Edition (B Ballantyne, TC Mars, T. Syersen, Editors). John Wiley and Sons,
 - Calabrese, E.J., and Ricci, P.F. (2011). Hormesis in Environmental Health. In: *Encyclopedia of Environmental Health*. Wiley, (2011).
 - Yuchao Z. and Ricci, P. F., (2010), Modeling Dose-Response at Low Dose: A Systems Biology Approach for Ionization Radiation, *Int. J. Dose-Response*;8(4):456-77 (2010).
 - Ricci, P. F., Towards a golden standard for the regulatory assessment of health and environmental hazards: Part 2, *Int. Journal of Environment and Health*, (2008).
 - Donato D, Ricci PF, Noller B, Moore M, Possingham H, Nichols O., The protection of wildlife from mortality: hypothesis and results for risk assessment *Environ. Int.*,34(6):727-36 (2008).
 - D.B. Donato, O. Nichols, H. Possingham, M. Moore, P.F. Ricci and B.N. Noller (2007), A critical review of the effects of gold cyanide-bearing tailings solutions on wildlife, *Environment International*, **33** (7):974-983.
 - Ricci P. F., Economic Criteria for Setting Environmental Standards, in *Encyclopedia of Quantitative Risk Assessment*, Editors-in-Chief B. Everitt, and E. Melnick, Wiley, NY (2007).
 - Ricci PF, Precautionary Principles: Definitions, Issues, and Implications for Risky *Encyclopedia of Quantitative Risk Assessment*, Editors-in-Chief B. Everitt and E. Melnick, Wiley, NY, (2007)
 - Ricci, P. F., Conflicts, Choices, and Solutions: Informing Risky Choices *Encyclopedia of Quantitative Risk Assessment*, Editors-in-Chief B. Everitt and E. Melnick, Wiley, NY (2007).
 - Cox, L. A. Jr. and Ricci P. F., Causal Regulations vs. Political Will: Why Human Zoonotic Infections Increase Despite Precautionary Bans on Animal Antibiotics, *Environment International*, (2007))
 - Ricci, P.F., "Water demand, supply and quality in the United States: Sustainability of water uses". *J. Sust. Development*, (2007).
 - Ricci, P. F., Towards a golden standard for the regulatory assessment of health and environmental hazards:

- Part 1, *Int. Journal of Environment and Health*, (2007)
- Ricci, P. F. and T. R. MacDonald, Social, scientific and legal dimensions in Methuselah-span decision-making: the disposal of high level nuclear wastes, *Int. Journal of Environment and Health*, (2006)
- Ricci, P. F. and S. Straja, Hospital Admissions and Fine Particulate Air Pollution, *J. American Medical Assoc. (JAMA)*, 296 (16): 1966 (2006).
- US Supreme Court, Amici Brief, *Commonwealth of Massachusetts, et al., v. Environmental Protection Agency*, No. 05-1120 (Oct. 2006), 50 pp.
- White House, OMB, Ricci PF: http://www.whitehouse.gov/omb/inforeg/comments_rab/list_rab2006.html
- Dorr, G., Noller, B., Woods, N., Hewitt, A., Hanan, J., Adkins, S., and Ricci, P.F. "Development of a decision-making tool to minimise environmental and public health risk of pesticide application" in Eds. Kennedy, I. et al., *Rational Methods for the Selection and Use of Agrochemicals*, ACS Symposium Series, ACS Publications American Chemical Society, (2006).
- Ricci, P.F., Cox, L.A. Jr., and MacDonald T., Science-policy in Environmental and Health Risk Assessment: If we cannot do without, can we do better? *Human & Experimental Toxicology*, 25: 29-43 (2006).
- Roy, S.B., Ricci, P.F., Summers, K.V. and Goldstein, R.A., Evaluating the Sustainability of Water Withdrawals in the United States, *J. America Water Resources Assoc.*, 41(5): 1091-1108 (2005)
- Ricci, P.F., Cox, L.A. Jr., and MacDonald T., Precautionary Decision-Making: analysis and results, *Int. Journal of Risk Assessment and Management*, 5(2):1-20 (2005)
- Cox, L.A. and Ricci, P.F., Causation in Risk Assessment and Management: models, inference, biases, and a microbial risk-benefit case study, *Environment International* (2005).
- Ricci P.F. et al, Precautionary Principles: a jurisdiction-free framework for decision-making under risk, *Human and Experimental Toxicology*, 23: 579-600 (2004).
- Ricci P.F. et al, Precautionary Principles: a jurisdiction-free framework for decision-making under risk, *Belle Newsletter*, 12:13-33 (2004).
- Technical Peer Review Report, *Hanford Site 100 (Reactors) B/C Risk Assessment Pilot Project*, American Society of Mechanical Engineers, NY (2003), ISBN 0-7918-0200-0, 184 pp.
- Ricci, P.F., D. Rice, J. Ziagos and L. A. Cox, jr., *Precautions, uncertainty and causation in environmental decisions*, *Env. International*, 29 (1): 1-19, (2003).
- P. F Ricci and S. Ferson, Detecting and Explaining Rare Event Clusters in Sparse Data Sets: some initial results, *Technology*, 9: 85 - 94 (2002).
- L. A. Cox jr. and Ricci, P. F., Empirical Causation and Biases in Epidemiology: issues and solutions, *Technology*, 9: 23 – 54 (2002).
- T. Beer, D. Collins and P. F. Ricci, (Eds), *Risk Assessment: Past, Present and Future*, Clean Air Society of Australia and New Zealand, Melbourne, Australia (2002), 63 pp. (ISBN 0- 9578504-4 -4) .
- Giardino NJ, Wiltes CR, Ricci, PF, and Woremen JR, Modeling to calculate occupational and environmental risks: a case study involving toluene, *Applied Occup. & Env. Hygiene*, 15(6): 457-463 (2000).
- Ricci P. F. and L. E. Ricci, *Water and Sustainability (Vol. 2): An assessment of Water Demand, Supply and Quality in the US – the next half century*, EPRI, Report No. 100-67-85, Palo Alto, CA (2002), 43 pp.
- M. W. Carter, R. E. Nickel. A. L. Flint, B. E. Huntsman, H. W. Olson and P. F. Ricci, *Strategy for Remediation of Groundwater Contamination at the Nevada Test Site*, American Society Mechanical Engineers (ASME) for the U.S. Department of Energy, ISBN 0-7918-3584-7, (2001) 225 pp.
- P. F. Ricci, R. C. Ragaini and R. Goldstein, Global Water Quality, Supply and Demand: implications for megacities, *25th International Seminar on Nuclear War and Planetary Emergencies*, Erice, Italy 19 24 Aug. 2000, World Scientific, Singapore (2001), pp. 443 – 467.
- P. F. Ricci and D. Hughes, Chapter 3, in Beer, T. (Ed). *Air Pollution and Health Risk*, CSIRO and the Clean Air Society of Australia and New Zealand, Melbourne, Australia, (2000).
- Giardino, N. J., Wilkes, C. R., Ricci, P. F., and Wiremen, J. R. Using Compartmentalized Inhalation Physiologically-based Pharmacokinetic Modelling to Calculate Occupational and Environmental Risks: a case study involving toluene, *Journal of Applied Occupational and Environmental Health*, (2000).
- D. McDonald, P. F. Ricci, T. Beer, and A. Moghissi, Editorial, Application of Modelling and Simulation in Risk Analysis, *Environment International*, 25:691 – 692 (1999).
- Ricci, P. F., et al., Investigation of a Cluster of Leukaemia in the Illawarra Region of New South Wales, Australia, 1989 - 1996, *The Medical Journal of Australia*, 171(4):178 – 185 (1999).

- Colford, J., Tager, I, Buyers, B., Ricci, P. F., A. Hubbard, Methods for Assessing the Public Health Impacts of Outflows from Combined Sewer Systems, *J. Air and Waste Management Assoc.*, 49: 454 (1999)
- P. F. Ricci and L. A. Cox, Empirical and Theoretical Analysis of the Variability of Maximum Likelihood Estimates of Benzene Cancer Risks, *Environment International*, 25: 745 - 754 (1999).
- Beer, T. and Ricci, P. F., A Quantitative Risk Assessment Method Based on Population and Exposure Distributions and an Application with Australian Air Quality Data, *Environment International*, 25: 887 – 898 (1999).
- P. F. Ricci and N. Gray, Toxic Torts and Causation: Towards an Equitable Solution in Australian Law (Part II: Means Ends Analysis), *The University of New South Wales Law Journal*, 22(1): 155 (1999).
- Ricci, P. F. and N. J. Gray, The Nexus Between Public Health and Environmental Protection Laws, in: *Public Health in Australia: New Perspectives*, The Australian Institute of Health Law & Ethics, Commonwealth of Australia, Canberra, ACT, 1998.
- Ricci, P. F. and D. M. Hughes, Risk Assessment Using Physiologically Based Pharmacokinetic Models and Bayesian Network Models, *Proc. 14th International Clean Air and Environment Conference*, Melbourne, Australia (1998).
- Beer, T. and Ricci, P. F., Risk A Method for Population-based Non-Cancer Health Risk Assessment, *Proc. 14th International Clean Air and Env. Conference*, Melbourne, Australia (1998).
- Ricci, P. F. and Gazibarich, B., Letter to the Editor, *Australian J. Nutrition and Dietetics*, 55, 147 (1998)
- B. Gazibarich and P. F. Ricci, Towards Better Food Choices: the Nutritious Food Index (NFI), *Australian J. Nutrition & Dietetics*, 55:1 (1998)
- Ricci, P. F., Rapid Assessment Methods for Risk Management: an application from water resources, A. Zichicchi, (Ed.) *23rd Session of the International Seminars on Planetary Emergencies*, Erice, Italy (19 - 24 Aug. 1998), World Scientific, Singapore (1999).
- Ricci, P. F., *Dynamic Modelling in Public Health Policy and an Example from HIV Infection in a Small Area*, New South Wales Department of Health, Sydney, Australia, (1998).
- P. F. Ricci and N. Gray, Towards a New Way to Deal with Toxic Torts: Risks in toxic tort law (Part I: probabilistic causation and legal causation), *The University of New South Wales Law Journal*, 21(3): 787 - 806 (1998).
- Ricci, P. F., *An Assessment of Scalds in NSW (Australia) Children*, New South Wales Department of Health, Sydney, Australia (1998).
- Ricci, P. F. et al., Valuation of Ecological Resources and Functions, *Environmental Management*, 22 (1): 49 - 68 (1998).
- P. F. Ricci and T. Beer, *Quantitative Health Risk Assessment of Six Air Pollutants for the National Environment Protection Council (NEPC)*, Melbourne, Vic., Australia, 35 pp (May 1997).
- Ricci, P. F. and Gazibarich, B., *Reducing Risks of Harm Associated with Alcohol: A background paper*, New South Wales Department of Health, Sydney, Australia (1997).
- R. Forrero, M. Rosier, A. Bowman, P. F. Ricci, and D. Mackie, *1996 Australian School Student' s Alcohol and Drugs Survey (ASSAD -NSW Data Technical Report (174 pp.) (July 1997).*
- P. F. Ricci and L. A. Cox, Jr, *Review of benzene-related cancer risks: mechanistic aspects and attribution of risks*, 74 pp. (June 1997), Report prepared for the Illawarra Leukemia Cluster Steering Committee.
- P. F. Ricci, Methods for Human Health Risk Assessment: an international synthesis, in: *Risk Management Strategies Applied to Environmental Clean-up in Central and Eastern Europe*, (R. C. Ragaini, Ed.), World Scientific Press, Singapore, 1997 (pp. 47-77).
- P. F. Ricci, *The Problem of Scientific and Legal Causation in Toxic Tort Law in Common Law Jurisdictions*, Intern. School of *Ius Commune* (15th Course), Erice Italy, 4 -11 October 1997
- P. F. Ricci, Reasoning Under Uncertainty: new principles and practices for jurists, *International School of Ius Commune* (15th Course) Erice, Italy, 4 -11 October 1997
- Ricci, P. F., Uncertainty in Risk Assessment, in A. Langley, B. Markey and H. Hill, (Eds.), *The Health Risk Assessment and Management of Contaminated Sites*, Contaminated Sites Monograph Series, No. 5, (1996), pp. 219 - 275.
- Ricci, P. F., Catalano, J. and Kelsh, M., Time Series (1963 - 1991) of Mortality and Ambient Air Pollution in California: An Assessment with Annual Data, *Inhalation Toxicology*, 8:95-106 (1996).
- Morrison, R. J., P. Ricci, D. Calvert, and D. Lewis, Public Consultation, *Water*, July/Aug. 1996, pp. 56 - 59.

- Ricci, P.F. and Ospital J., Cancer, Cardiovascular & Chronic Obstructive Pulmonary Mortality and Ambient Air Pollution: A study of 11 California counties, 1963 to 1992, using monthly data, *2nd Colloquium on Particulate Air Pollution & Health*, Park City, Utah, May 1 - 3, 1996.
- Lambert, W. G., Harris, R. D., and Ricci, P. F., The Housing Needs of Consumers of Mental Health Services in Rural New South Wales, *World Assoc. for Psychiatric Rehabilitation*, 5th World Congress, Rotterdam, The Netherlands (1996).
- Morrison, R. J., Ricci, P. F. Lewis, D. E., and Calvert, D., Outcomes of the Public Consultation Exercise on the Revised (1995) Australian Drinking Water Guidelines, *WATERTECH*, Sydney, May 27 and 28, 1996.
- Ricci, P. F., Colford, J., Byers, L., and Tager, I., Retrospective Study of the Health Impact of Outflows from Combined Sewer Systems in Sacramento, California, *WATERTECH*, Sydney, May 27 and 28, 1996.
- P. F. Ricci, Towards a Common Framework for Analyzing and Evaluating Health Risks under Scarce Resource Allocation, The 1995 Australian Academy of Science Fenner Conference on the Environment, 13 - 16 November, 1996, Canberra, ACT, Australia.
- P. F. Ricci, Causation and Measures of Uncertainty: reconciling scientific evidence with legal causation and social justice, *1st Annual Conference on Health Law & Ethics*, Canberra, ACT, Australia, Nov. 15 - 17 (1996).
- P. F. Ricci, Health and Safety Law and Abuse of Legislative Powers in the European Union: A risk management perspective, *51st Internat. Conf. on Econometrics and Environment*, Lisbon, Portugal, 10 - 12 April 1996.
- P. F. Ricci, Non-Glamorous Natural Resources: Legal and Scientific Aspects of Their Evaluation under Uncertainty, *Australasian J. Nat. Res. Law and Policy*, 2:59 - 110 (1995).
- P. F. Ricci, Comparison of International Legal Standards: choices under conflicting legal and scientific causal principles, *Internat. Workshop on Risk Management Strategies Applied to Clean-ups in Central and Eastern Europe*, Erice, Italy (21 - 29 Nov. 1995).
- P. F. Ricci, Uncertainty and Variability in Human Health Risk Analysis and Assessment: Measures, Methods and Approaches, *Annual Workshop on the Health Risk Assessment and Management of Contaminated Sites*, Sydney, 15 - 17 May, 1995.
- P. F. Ricci and J. Catalano, Mortality and Air Pollution in 8 California Counties: Empirical Findings and State Space Estimation, 1965-1991," *Irvine Colloquium on Particulate Air Pollution*, (1994).
- Cox, L. A. and Ricci, P. F., Dose-Response Nonlinearities for Benzene Revisited: A Reply to Crump et. al., *Risk Analysis*, 13: 485 (1993).
- Ricci, P. F., Uncertainties in Cancer Risk Assessment at Low Doses: Benzene, Paper Presented at the *American Industrial Hygiene Conference*, New Orleans, LA, May 15-21, 1993.
- Ricci, P. F. and L. A. Cox, Empirical Investigation of the Stability of the Maximum Likelihood Estimator: A Case of Cubicity in Benzene Cancer Risks and Policy Implications, Paper Presented at the Society of Toxicology Annual Meeting, New Orleans, US, March 1993. Abstracted in *The Toxicologist*, 13:486 (1993).
- Cox, L.A. and Ricci, P.F., Reassessing Benzene Cancer Risks Using Internal Doses, *Risk Analysis*, 12:401 (1992).
- Cox, L.A. and Ricci, P.F., Dealing with Uncertainty: From Health Risks Assessment to Environmental Decisionmaking, *J. Energy Eng.* 118: 77 (1992).
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