

### Publications

Ludo Veuchelen & Steven Lierman, "The optimisation approach of ALARA in nuclear practice: an early application of the Precautionary Principle. Scientific uncertainty versus legal uncertainty.", published in "Water Science & Technology", Volume 52, Number 6.

<http://www.iwaponline.com/wst/05206/06/default.htm>

Ludo Veuchelen, "The Justification and the Optimisation Principle in International Nuclear Law: Theory and Practice", published as chapter in "The Theory and Practice of Legislation. Essays in Legisprudence.", 2005. Published by: Ashgate Publishing Company, Burlington, USA.

Chloée Degros, "La responsabilité civile nucléaire: un état des lieux", dans G. Viney et B. Dubuisson (dir.), Les responsabilités environnementales dans l'espace européen, Bruylant, Bruxelles, 2005, Chap. IX, pp. 303-374.

Erik Laes, G. Meskens, W. D'Haeseleer, R. Weiler, *Addressing uncertainty and inequality in nuclear policy*, Journal of Enterprise Information Management, 2005, vol. 18, p. 357-376

Michel Bovy, Massaut Vincent, *Why an Open Common-knowledge Process About Decommissioning Funds? How Transparency Supports Democracy?*, PISTA (Politics and Information Systems: Technologies and applications), July 2005, Orlando, pp. 4-11

Ludo Veuchelen, *Boekbespreking "Ethiek & Techniek: Morele overwegingen in de ingenieurspraktijk"*, in Ethiek & Maatschappij, driemaandelijks tijdschrift, 2<sup>de</sup> trimester 2005, jaargang 8 nr.2, oktober, Redactie: Ethiek.Maatschappij@UGent.be, Uitgever: [info@academiapress.be](mailto:info@academiapress.be)

Gunter Bombaerts, "Power, identity, rivers and distributive justice", In: International Journal of Environment and Pollution, 2005.

Gunter Bombaerts, "Heart and Home", In: International Journal of Environment and Pollution, 2005.

Gunter Bombaerts, "Confronting Rileyian and Jamesian Pragmatism with respect to radioactive waste management", In: International Journal of Environment and Pollution, 2005.

Gunter Bombaerts and Ivan Mervielde, "Background characteristics, personality, attitudes, and group aspects influence technoscientific risk assessments in radioactive waste management", In: Waste Management Symposium, Tucson, Arizona, 2005.

Gunter Bombaerts, Geert Volckaert, *Report on Local partnerships MONA, STOLA and PaLoFF*, Consultant report drafted on request by the Mitsubishi Corporation in the framework of contract RWMC FY2004 Consultation 2, Mol, 2005.

### Reports

G. Eggermont, H. Vanmarcke, F. Hardeman, et.al. *Advies van de Hoge Gezondheidsraad met betrekking tot het ontwerpbesluit met regels tot vaststelling van de criteria en de procedure tot het bekomen van een typegoedkeuring voor rookmelders die radioactieve stoffen bevatten*, HGR 2100/2 – uitgebracht en goedgekeurd op 11 juli 2005 door werkgroep "Rookmelders 2005" en gevalideerd door het Overgangscollège op 13 juli 2005.

Erik Laes, Co-authors J. Couder, A. Verbruggen, *Energie Ahoy! "Toekomstverkenning energiesystemen, - Vlaanderen 2050"*, viWTA energiebrochure, November 2005

Hans Vanmarcke, Co-author G. Eggermont, *Achtergronddocument Ioniserende Straling*, bijdrage tot het MIRA-T 2005 Milieu- en Natuurrapport 2005 Vlaanderen, Vlaamse Milieu Maatschappij, Mechelen ([www.vmm.be](http://www.vmm.be)) ([www.milieurrapport.be](http://www.milieurrapport.be))

## Presentations

G. Eggermont, *Dreiging is ruimer en vergt proactieve politieke aanpak*, Middaglezingen 'Nucleair terrorisme en ethiek', VUB(UPV) en SCK(PISA), 8 February 2005

Frank Hardeman, *'Dirty Bombs and Clean Decision Making: Noodplanning en communicatie met elementen van Risicoperceptie'*, in de reeks "Nucleair Terrorisme en Ethiek", VUB, 1 maart 2005

Erik Laes, G. Eggermont, *Kernenergie en maatschappelijk debat*, Onderzoeksopdracht viWTA, Samenleving en Technologie, Programma "Energie en Klimaat", Hoorzitting Vlaams Parlement, 22 maart 2005

G. Meskens, *Ethiek van de ingenieur. Een transdisciplinaire benadering van 'leren'*, Invited talk, XIOS Hogeschool Limburg, 28 april 2005.

G. Meskens, *Transdisciplinarity : a two-level approach to deliberative policy making*, Invited talk, United Nations Symposium on Integrated Implementation of Sustainable Development Goals - Session "How can science and technology contribute to sustainable development", Nanchang, China, 10 May 2005.

G. Meskens, *Transdisciplinair aspectenonderzoek rond nucleaire technologie. Voorbij de patstelling van pro's en con's ?*, Invited talk, Energik Congres 2005, Ternat, België, 26 mei 2005.

G. Eggermont, *Critical review of ethical and legal issues in the draft ICRP Recommendations*, Session 1: The principle of justification: setting the scene; Colloquium 'Critical perspectives on justification, liability and intergenerational justice, Louvain-La-Neuve, 26-27 May 2005

L. Veuchelen, "Justification, Optimisation (ALARA) and Dose Limits as Basic Safety Standards in Nuclear Law, confronted with the Precautionary Principle", Seminar CITES&PISA, Ethics and Radiological Protection, Critical Perspectives on Justification, Liability and Intergenerational Justice, UCL, Louvain-la-Neuve, May 26-27, 2005

C. Degros, "Open questions raised by the MOX-Case", Seminar CITES&PISA, Ethics and Radiological Protection, Ethics and Radiological Protection, Critical Perspectives on Justification, Liability and Intergenerational Justice, UCL, Louvain-la-Neuve, May 26-27, 2005

G. Meskens, *Complex problem solving in the real world*, Invited talk, European Nuclear Society Young Generation Network Forum 2005, University of Zagreb, Croatia, 10 June 2005

G. Eggermont, *Late lessons form early warnings. Some nuclear feedback for precaution in technology projects*, Early Warning Signals, Seminar Project Management Belgium, Crosstalks VUB, June 11, 2005, Brussels

Michel Bovy, Massaut Vincent, *Why an Open Common-knowledge Process About Decommissioning Funds? How Transparency Supports Democracy?*, PISTA (Politics and Information Systems: Technologies and applications), (Session 06: Long-Term knowledge generation and Transfer in Environmental Issues. A Start of Intergenerational Informatics ? Chairman: Th. Flüeler), July 2006, Orlando

Benny Carlé, *'Opinion of the French and Belgian Populations as regards risk'*, invited presentation at the International Conference on RISK : Perception, Communication, Acceptability, organised by KVIV/TI, Bruges, 03-04 October 2005

L. Veuchelen, "The Optimisation Approach of ALARA in nuclear practice: an early application of the Precautionary Principle? Scientific uncertainty versus legal uncertainty and its role in tort law", INLA (International Nuclear Law Association), Nuclear Inter Jura 2005, Portoroz (Sl.), 9-14 October 2005

G. Meskens, G. Eggermont, *A transdisciplinary approach to education and training*, Session 4: Quality assurance/transdisciplinarity/safety culture, 3<sup>rd</sup> International Conference on Education and Training in Radiological Protection, Brussels, 23-25 November 2005

G. Eggermont, *PISA programme is interactive scientific and social learning process*, SRA Annual Meeting , Orlando, 5-9 December 2005

G. Eggermont, B. Carlé, Fr. Hardeman, G. Meskens, *Programme of Integration of Social Aspects into Nuclear Research – a new risk approach*, Poster presentation, SRA Annual Meeting , Orlando, 5-9 December 2005

G. Meskens, Erik Laes, Gilbert Eggermont, *A research perspective on stakeholder involvement in radioactive waste management – State of the art and future prospects*, ENC 2005, Versailles, France, 14 December 2005.

## **Training courses**

- G. Eggermont, E. Laes, *An historical analysis of 30 years of nuclear energy controversy*, Seminari di ies RP integrazione de aspetti etici e sociali nella Radioprotezione, Universita Milano, 15,16 & 18 Febr 2005
- G. Eggermont, G. Meskens, *Prospectives and challenges for sustainable nuclear development*, Seminari di ies RP integrazione de aspetti etici e sociali nella Radioprotezione, Universita Milano, 15,16 & 18 Febr 2005
- G. Eggermont, Fr. Hardeman, *Pisa experiment: a learning process in transdisciplinary research*, Seminari di ies RP integrazione de aspetti etici e sociali nella Radioprotezione, Universita Milano, 15,16 & 18 Febr 2005
- G. Eggermont, G. Volckaert, *Evaluation of 5y framework programme 3-4-5 on RP and nuclear waste*, Seminari di ies RP integrazione de aspetti etici e sociali nella Radioprotezione, Universita Milano, 15,16 & 18 Febr 2005
- G. Eggermont, M. Bovy, *The different phases of RP philosophy development projected on 110 years nuclear technology. A regulatory and ethical analysis of ICRP BSS draft 2005 recommendations*, Seminari di ies RP integrazione de aspetti etici e sociali nella Radioprotezione, Universita Milano, 15,16 & 18 Febr 2005
- G. Eggermont, *The history of nuclear technology (1895-2005) ... 40 years without regulations ... 30 years military use ... 40 years nuclear controversy*, Master course in Scientific Communication, Istituto di Fisica Generale Applicata Università Degli Studie di Milano, 10 May 2005
- G. Eggermont, M. Bovy, *Aspects éthiques des risques liés aux rayonnements ionisantes*, Cours de Radioprotection 13-23/9/2005, SCK•CEN – isRP – International School for Radioprotection, 21 Sept. 2005
- G. Eggermont, *Actuele topics in de stralingsbescherming, deel I: Inleiding in de stralingbescherming*, Programma Master na Master Duurzame Ontwikkeling en Menselijke Ecologie, Faculteit Geneeskunde en Pharmacie, VUB, Academiejaar 2005-2006, Brussel, november-december 2005
- G. Eggermont, *Actuele topics in de stralingsbescherming, deel II: De nucleaire splijtstofcyclus*, Programma Master na Master Duurzame Ontwikkeling en Menselijke Ecologie, Faculteit Geneeskunde en Pharmacie, VUB, Academiejaar 2005-2006, Brussel, november-december 2005
- G. Eggermont, *Actuele topics in de stralingsbescherming, deel III: Mira-T en Mira achtergronddocument 2005: hoofdstuk ioniserende stralingen*, Programma Master na Master Duurzame Ontwikkeling en Menselijke Ecologie, Faculteit Geneeskunde en Pharmacie, VUB, Academiejaar 2005-2006, Brussel, november-december 2005