

Curriculum Vitae

Last name, First name: Carroquino, María José

Gender: Female

Nationality: Spanish

Overall Scientific Expertise:

Combined experience in environmental health, ecotoxicology and risk assessment: Academic research experience primarily in the study of biodegradation, and toxicity of organic compounds in waters and soils, and the resultant bioavailability and bioaccumulation of biodegradation products. Expertise in risk assessment, particularly in regards to the consideration of children and other vulnerable population's susceptibility and exposure, in the evaluation of health risks. Science-policy expertise in an international context: Through the last 15 years I have worked at the interface between science and policy, particularly in the development of international environmental health initiatives and projects, such as the WHO Program on Children, Environment and Health and the Environmental Health Information System (ENHIS).

Professional Experience

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation
2002-Present	Researcher	Instituto de Salud Carlos III Madrid, Spain	Environmental Health Information Systems, Risk Assessment
2002	Consultant	World Health Organization European Center for Environment and Health – Bonn Office, Bonn, Germany	Environmental Health
2000 - 2001	Auxilière (expert position)	European Commission, Brussels, Belgium	Air pollution
1998 - 1999	Program Manager, Children, Environment and Health	World Health Organization European Center for Environment and Health (no longer existing) Rome, Italy	Environmental health risks to children
1996 -1998	Risk Assessment Fellow – American Association for the Advancement of Science	United States Environmental Protection Agency (USEPA) Washington D.C. United States	Risk Assessment
1991-1996	Post-Doctoral Research Associate Researcher	Cornell University Ithaca, NY. United States	Biodegradation, toxicity testing, biomonitoring, bioaccumulation
1989-1991	Researcher	San Diego State University San Diego, CA United States	Biodegradation, bioremediation, aquatic toxicity, testing, biomonitoring.

Educational Background

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation*
2007	Postgraduate Diploma	Diplomatic School of Madrid	International Cooperation for Development
1996	Ph.D.	Cornell University, Ithaca, New York	Environmental Toxicology, Natural Resources, Microbiology
1991	MPH	San Diego State University, San Diego, California, USA	Master of Public Health; specialization Environmental Health
1986	Post-graduate Diploma in Environmental Sciences	Universidad Complutense de Madrid, Madrid, Spain	Environmental Sciences
1983	Licenciada	Universidad Complutense de Madrid, Madrid, Spain	Biology, zoology, microbiology

Memberships in Learned Societies:

Spanish Society of Environmental Health

List of Publications:

Because of my science-policy profile and activity in international initiatives in collaboration with international organizations, many of my contributions have been in international reports in collaboration with large working groups. Below are listed those most relevant and representative of my expertise.

Carroquino MJ., Posada M., Landrigan P., Children at Risk. Encyclopedia of Environmental Sustainability. Springer Verlag. 2013.

Co-author and reviewer. Environmental Health Inequalities in Europe. World Health Organization 2012. ISBN 978 92 890 0260 8. <http://www.euro.who.int/en/what-we-publish/abstracts/environmental-health-inequalities-in-europe.-assessment-report>

Casas S, García A, Suárez S, Barberá M, López E, Aránguez E, Ordóñez JM, Martínez A, Boldo E, Escorza F, Vargas F, **Carroquino MJ**, Salto MJ, Martínez MJ, Martín P. Health in Environmental Impact Assessments; Methodological Guidance. Spanish Society of Environmental Health. Madrid. Serie *De aeribus, aquis et locis* nº 1. 2011.

Environmental Health in Europe, Progress Assessment, WHO Publication. Presented at the V Ministerial Conference on Health and Environment. Parma, Italy, 9-12 March, 2010.

<http://www.euro.who.int/document/e93556.pdf>

Co-author: Children's Health and the Environment in Europe: A Baseline Assessment. WHO Publication EU/06/5067821. 2007.

<http://www.euro.who.int/EHindicators/publications/publications>

Co-author: Facts on children's health and the environment. WHO Publication. 2007.

<http://www.euro.who.int/EHindicators/publications/publications>

K Pond, R. Kim, **MJ Carroquino**, P.Pirard, F.Gore, A.cucu, L.Nemer, M.Mackay, G.Smedje, A.Georgellis, D.Dalbokova, M.Krzyzanowski. Meeting Report: Developing Environmental Health Indicators for European Children: World Health Organization (WHO) Working Group. *Environmental Health Perspectives*. Volume 115, number 9. Sept.2007.

<http://www.ehponline.org/members/2007/9958/9958.pdf>

Hans-Guido Mücke, J Thelen, S Farchi, D Houweling, B Staatsen, Ø Solevåg, B Wojtyniak, **MJ Carroquino**, A Georgellis, M Rosenlund, D Kay, P Wilkinson. Environmental Health Indicators for Europe – Pilot indicator-based report. WHO Publication-E82938.
<http://www.euro.who.int/document/E82938.pdf>

G. Tamburlini, O.V.Ehrenstein and R. Bertollini. (*co-autora de un capítulo*) Editors. Children's Health and Environment: a review of evidence. 2002. A joint report from the European Environment Agency and the WHO Regional Office for Europe. 2002.
http://reports.eea.europa.eu/environmental_issue_report_2002_29/en/eip_29.pdf

Carroquino MJ, Galson S, Licht J, Amler R, Perera F, Claxton R, Landrigan, P. Preventable Causes of Childhood Cancer; A Research Agenda. *Environmental Health Perspectives* 106 (suppl. 3): 867-873. <http://www.ehponline.org/members/1998/Suppl-3/867-873carroquino/carroquino-full.html>

Carroquino, M., RM. Gerberg, J. Dawsey, and M. Bradley. 1992. Toxicity Reduction Associated with the biodegradation of BTX. *Bull. Environ. Contam. Toxicol.* Vol. 49.No.2. pages:224-231. <http://www.springerlink.com/content/t501608680271214/>

Gersberg, RM., **M.J. Carroquino**, D. E. Fisher, and J. Dawsey. Toxicity Reduction during In-situ bioremediation *Water Research. Volume 29, Issue 2, February 1995, Pages: 545-550.*
<http://ees.elsevier.com/wr/>

Carroquino, MJ., and M Alexander. Effect of identity of the nonaqueous phase liquid (NAPL) on the biodegradation of phenanthrene initially dissolved in NAPLs. *Environ. Toxicol. Chem. Feb. 1998. Vo..17. Issue2. Pages. :265-270.* <http://www.setacjournals.org/archive/1552-8618/17/2/pdf/i1552-8618-17-2-265.pdf>

Pastino, G., Yang, W. **Carroquino, MJ.** Variability in the susceptibility of human populations to Trichloroethylene. *Environmental Health Perspectives.* Vol. 108, Supplement 2, May 2000.
<http://www.ehponline.org/docs/2000/suppl-2/201-214pastino/abstract.html>.

Tang J, **MJ Carroquino**, BK Robertson, and M. Alexander. Combined effect of sequestration and bioremediation in reducing the bioavailability of PAHs in soil. *Environ.Sci.Technol.* 32(22): 3586-3590. Nov. 1998. <http://pubs.acs.org/cgi-bin/abstract.cgi/esthag/1998/32/i22/abs/es9803512.html>

ADDITIONAL INFORMATION

Fellow-American Association for the Advancement of Science. Science and Policy Program. (96-98).

Fulbright Scholar. Fellowship for Ph.D. Cornell University. 1991-1995.

California State Universities Research Competition. 1991. First Prize. Energy category.

Basque Government Fellowship. Master of Public Health. San Diego State University. 1988-1990.