

Special Issue

Pesticide Risk Assessment, Emerging and Re-Emerging Problems

Message from the Guest Editors

Rural populations all over the world face several hazards in their daily lives and working activities. Among them, particular attention must be addressed at pesticides: these compounds must necessarily be toxic because they are used for controlling undesired living species, and, differing from other chemicals, must be spread in the environment in order to reach their targets. Since their toxicity is not specific for the target organisms, their use can endanger different living species, including humans. In this light, risk assessment of pesticide use is fundamental, but new challenges are appearing in this field: the pesticide market is quickly changing and new compounds are being introduced into the market, so a sound risk assessment for these compounds must be organized. Developed and industrialized countries have very structured systems for pesticide authorization, but similar systems are not affordable for developing and in-transition countries, which must rely on their own capacities or assessments performed out of their borders. Moreover, due to economic problems, obsolete pesticides are still marketed in these countries, bringing about specific risks.

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Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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