**DESCRIPTION**

Persistent Organic Pollutants (POPs) are toxic, resistant to degradation, bioaccumulative, and display wide spatial distribution. They accumulate in humans and wildlife, and have been linked to cancer, as well as reproductive and immunological disorders. In 2001 a global treaty on POPs was agreed, to minimise and ultimately eliminate the release of POPs into the environment. The Stockholm Convention lists 12 groups of chemicals, and as of late 2008, a further 12 chemicals are under consideration for inclusion.

This book addresses all of these chemicals, but focuses particularly on currently listed POPs that are still of major concern (e.g. polychlorinated biphenyls - PCBs), as well as new and emerging POPs that have been the subject of an explosion of scientific interest in the last decade, i.e. brominated flame retardants (BFRs) and perfluorinated chemicals (PFCs). Other chapters address the challenges posed by the presence of POPs in the developing world; how the properties of chiral POPs can provide unique insights into their environmental sources, fate and behaviour; and issues arising from the presence of POPs in urban and indoor environments.

*Persistent Organic Pollutants* provides a much-anticipated reference source for a wide audience including academics, industrial scientists and regulators.

**ABOUT THE AUTHOR**

*Dr Stuart Harrad* is a Senior Lecturer at the University of Birmingham. He heads the NERC Network on POPs and has been selected to chair Dioxin 2008, a major conference on Halogenated POPs (1000 delegates).

FEATURES

This will be the first book to cover emerging and candidate POPs

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