

A Bibliometric Analysis of the State of Research on Persistent Organic Pollutants in Turkey

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INTRODUCTION

Stockholm Convention

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Persistent Organic Pollutants (POPs)



• Global agreement under the United Nations Environment Programme (UNEP) that will reduce or eliminate emissions

Obligations under the Convention

• Detailed in Articles (30 articles)

Current and proposed actions

- National Implementation Plans
- Researches done under the Convention

INTRODUCTION

Bibliometric analysis

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What is Bibliometrics?

• Quantitative evaluation of academic researches

The aim of Bibliometrics

- To decide what research should be made and supported
- A library faced with collection decisions
- A government office weighing national research needs





AIM OF THE STUDY

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Aim of the study

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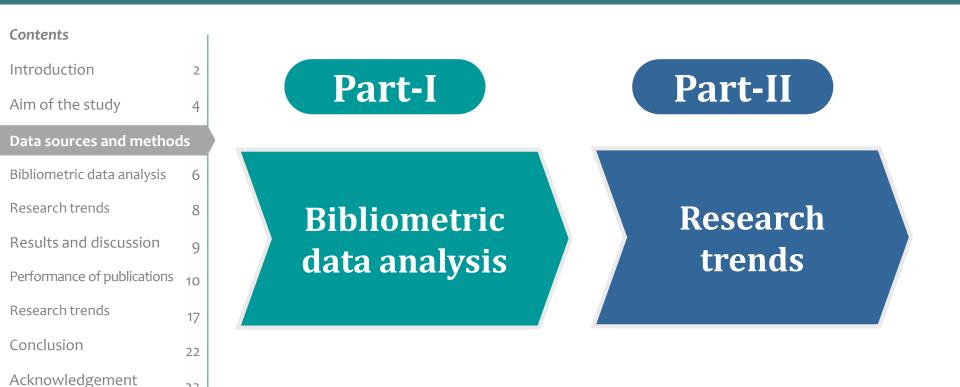
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To assess scientific profile of researches about POPs in Turkey

To quantify the publications outputs using bibliometric analysis

To identify research trends by simple content analysis

To specify research needs under the Stockholm Convention



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Bibliometric data analysis

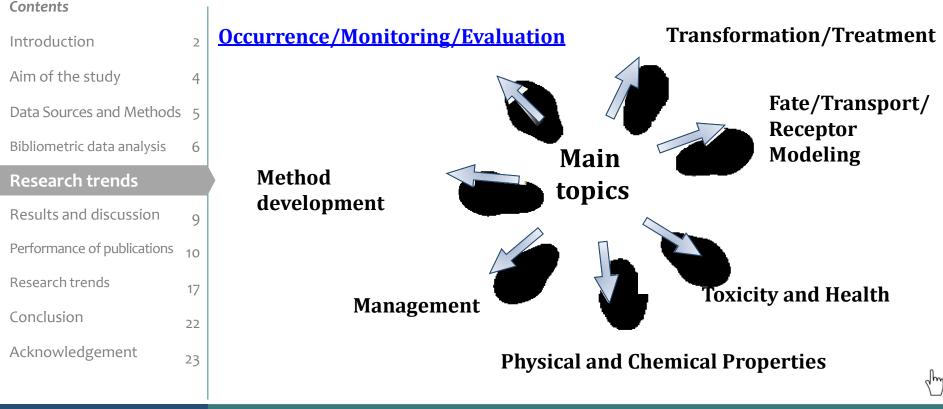
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Aim of the study	4	Welco	me to the new Web of Science! Vi <mark>ew a brief tutorial</mark> .
Data Sources and Methods	5	Basic Search POP groups listed in Stockholm Convention	Click here for tips to improve your
Bibliometric data analysis	5	AND V Turkey Search	search.
Research trends	8	+ Add Another Field Clear All Fields	
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Bibliometric data analysis

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Data Sources and Methods	5	□- Online Search Q Libr (0)		2008 Journal	
Bibliometric data analysis	5	Q LIST (0) Q Pub (0)		Mutation Research-Genetic Toxicology and Environmental Mutagenesis Type of Article Article	
Research trends	8	Q Web (0) more		Keywords cancer DNA ROS	
Results and discussion	9	- Find Full Text		dioxin hepatic gene-expression rat hepatocyte cultures polychlorinated-biphenyls	
Performance of publications	10			ah receptor comet assay in-vitro 2,3,7,8-tetrachlorodibenzo-p-dioxin tcdd liver carcinogenesis	
Research trends	17			dna-damage pcbs Author Address	
Conclusion	22			[Carpenter, David O.] SUNY Albany, Inst Hith & Environm, Rensselaer, NY 12144 USA. [Sandal, Suleyman; Yilmaz, Bayram] Yeditepe Univ, Fac Med, Dept Physiol, TR-34755 Istanbul, Turkey. Carpenter, DO (reprint author), SUNY Albany, Inst Hith & Environm, 5 Univ Pl,Room A217, Rensselaer, NY 12144 USA. (carpent@uamail.albany.edu	
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Research trends



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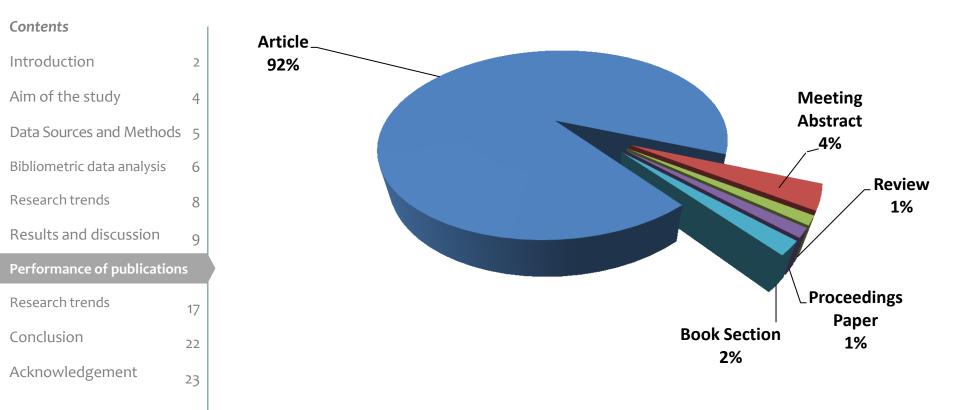
Performance of publications

- Document type and language of publication
- Characteristics of publication outputs
- Distribution of publications in journals
- Institutional distribution and international collaborations
- Keyword analysis

Research trends

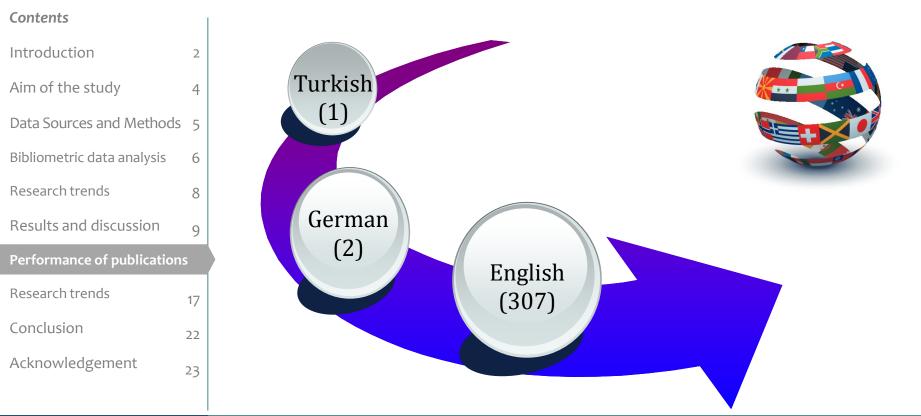


Document type



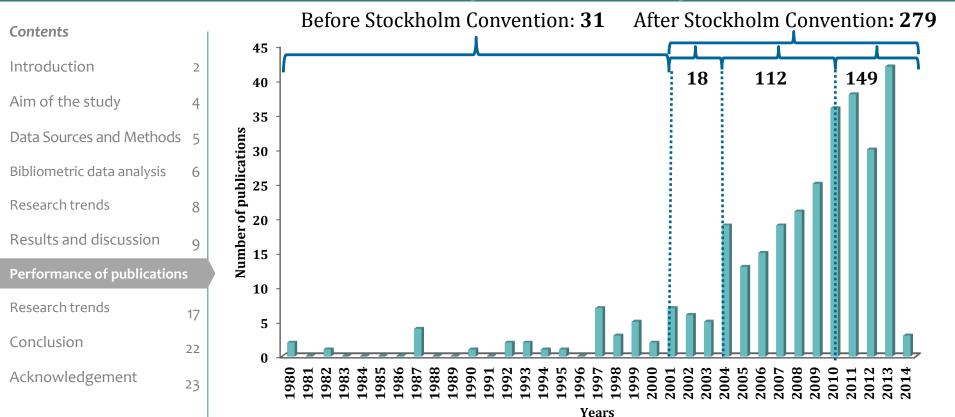
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Language of publication

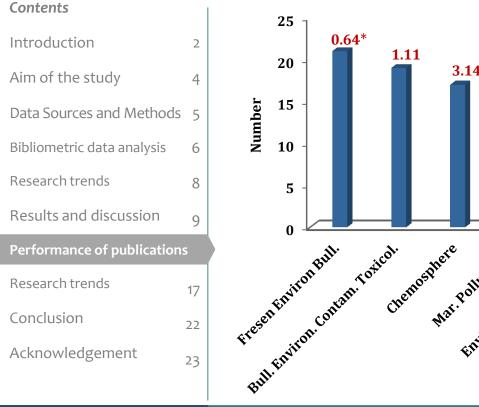


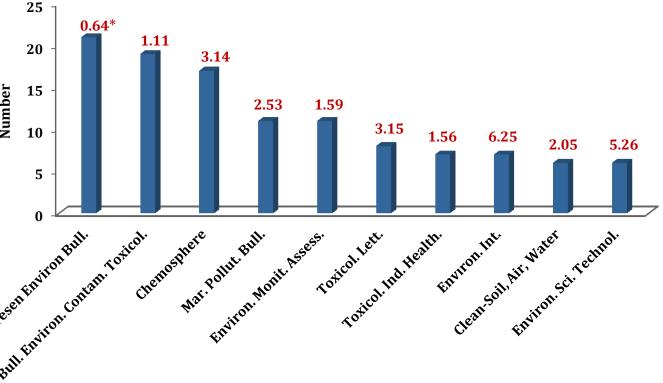
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Characteristics of publication outputs



Distribution of publications in journals

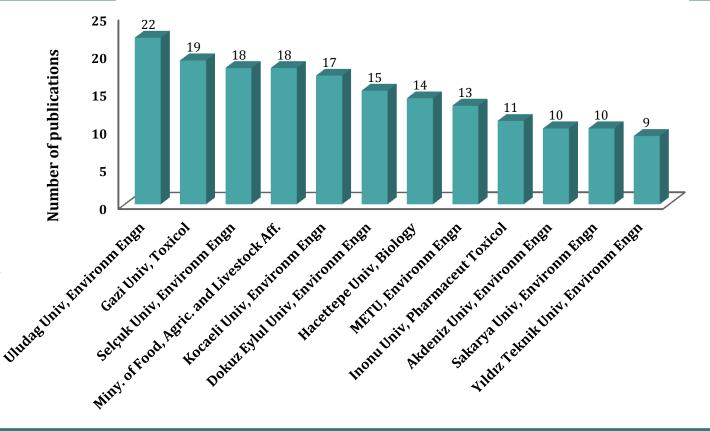






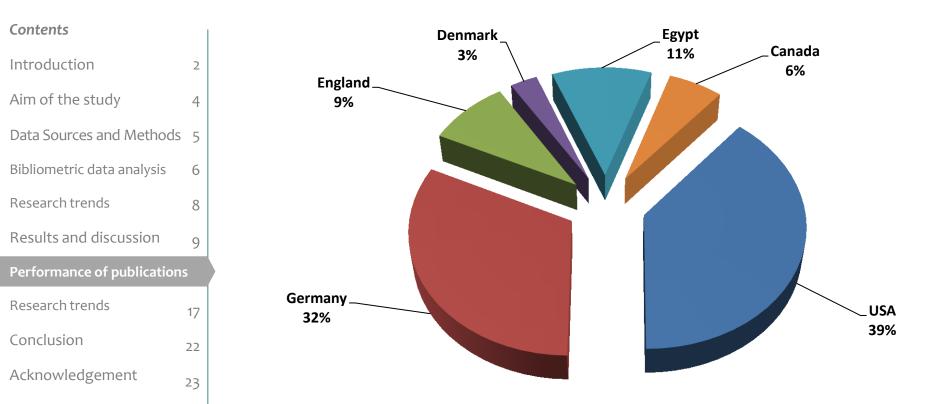
Institutional distribution

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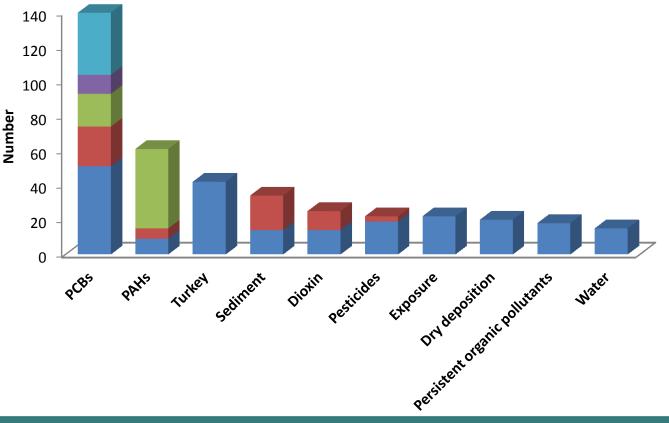


International collaboration

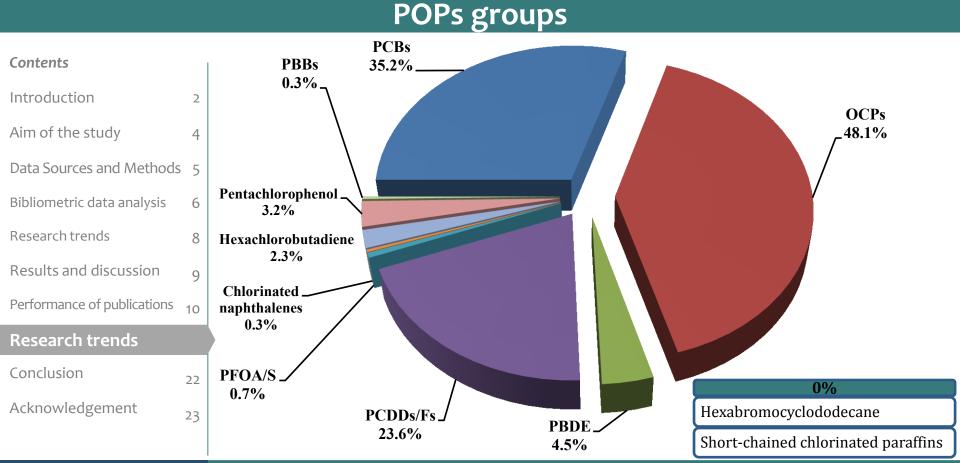


Keyword analysis



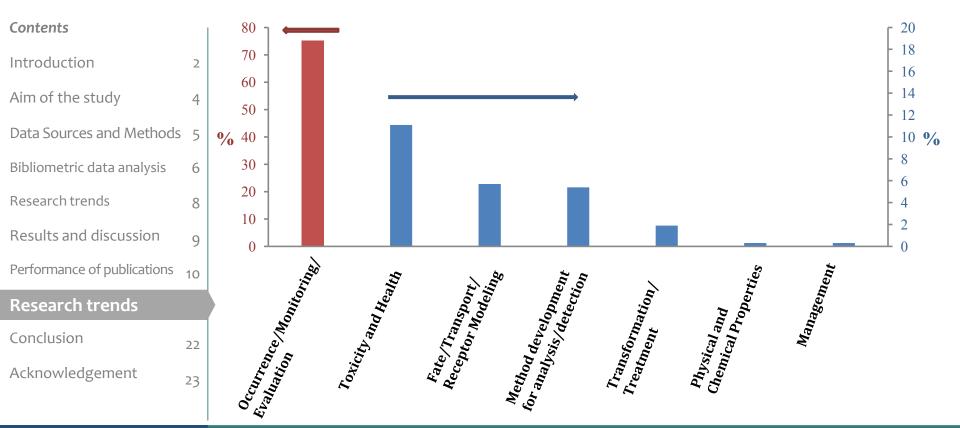






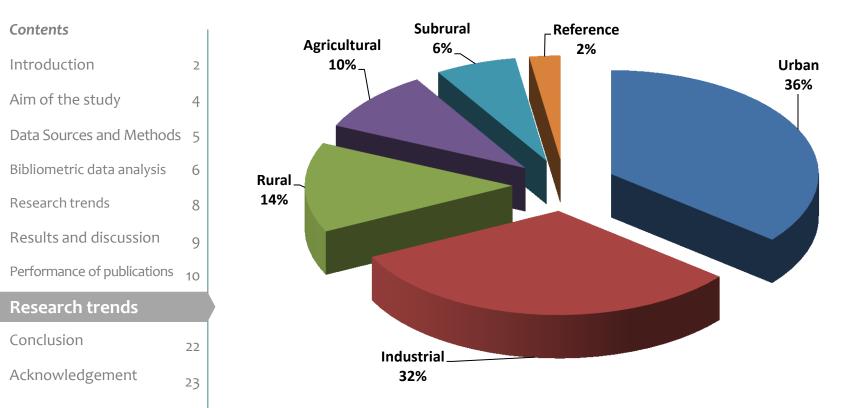
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Main research topics



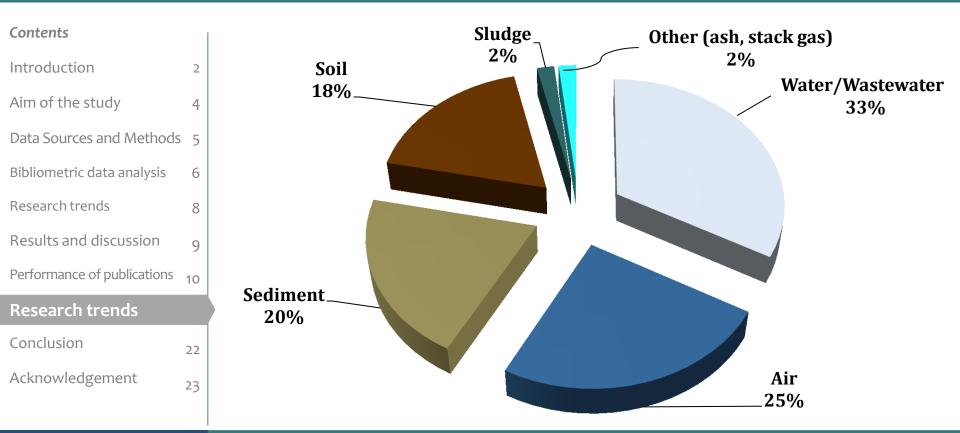


Sampling sites



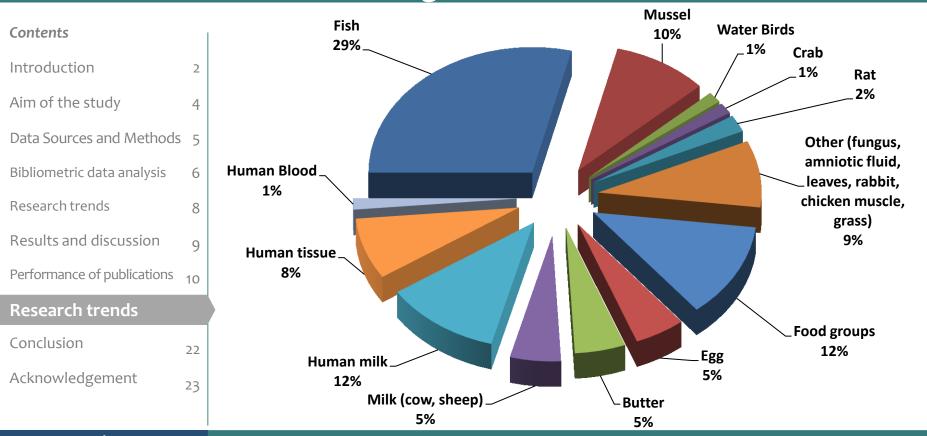


Environmental matrices



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Biological matrices



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• Detailed inventory analysis

- Long-term detailed monitoring program
 - Identification of polluted areas and waste stocks
- Treatment and disposal alternatives
- Management of POP-laden wastes
- Detailed studies should be conducted on candidate POPs (HBCD, etc.)

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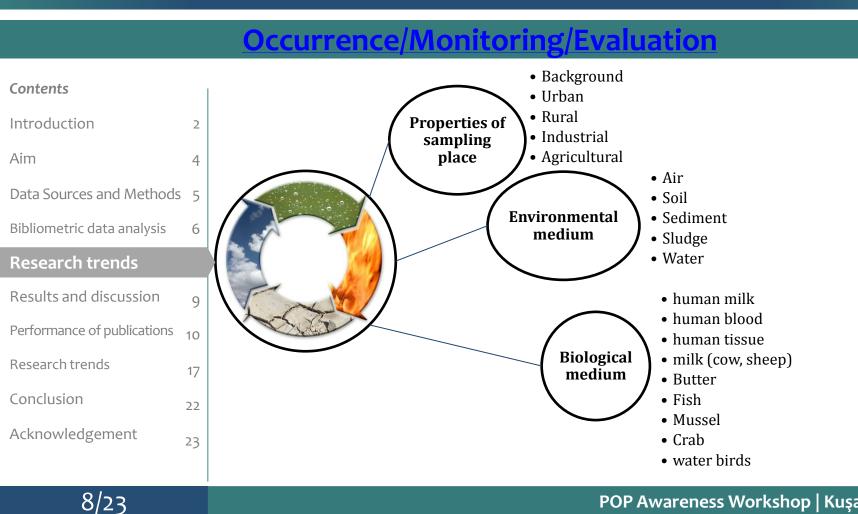
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THANK YOU FOR YOUR ATTENTION

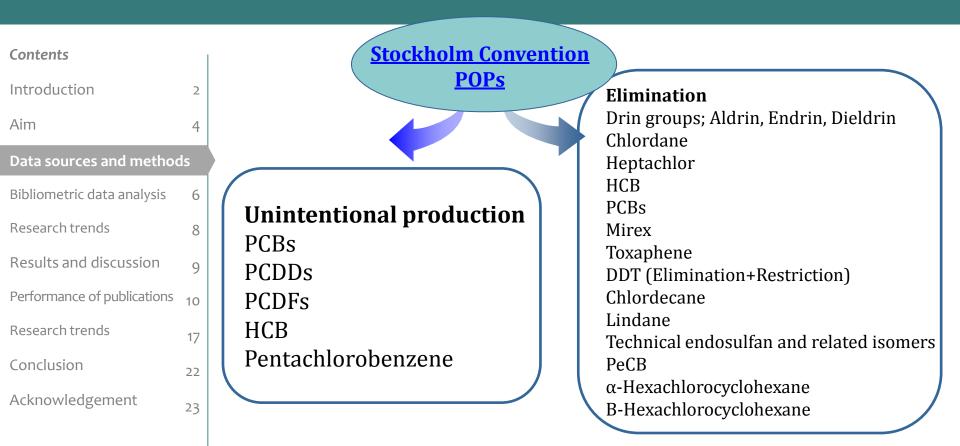
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Research trends

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-	Method development
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