

2. Problem identification and investigation

Defining environmental 'problems'

Case study problems

Initial implications

Identifying and investigating the POPs problem

Bioaccumulation: POPs in living things

Atmospheric distribution: toxins in the Arctic

Climate change investigation

More than a century of science

The influence of warfare and politics

The influence of culture

Themes and comparisons

Special role of the Arctic

Trust and judgment

The importance of iteration in environmental policies

3. Consensus formation in science and politics

The importance of uncertainty

Consensus and POPs

Consensus and climate change

The nature of climate

The UNFCCC process

Deliberation, prioritization, and social roles

The relationship between scientific and political consensus

Who participates in consensus formation?

The importance of social roles

Conclusions

4. Remedy design

Scientists in society

Remedy design in response to POPs

Regional initiatives

The Stockholm Convention

Remedy design in response to climate change

The Kyoto Protocol to the UNFCCC

European Union Emission Trading Scheme

The relationship between science and economics

Scientists embedded in institutions

Conclusions