Environment & Society Portal

Multimedia Library Collection: Environmental Values (journal)

Yearley, Steve, Steve Cinderby, John Forrester, Peter Bailey, and Paul Rosen, "Participatory Modelling and the Local Governance of the Politics of UK Air Pollution: A Three-City Case Study"

Yearley, Steve, Steve Cinderby, John Forrester, Peter Bailey, and Paul Rosen

Yearley, Steve, Steve Cinderby, John Forrester, Peter Bailey, and Paul Rosen. "Participatory Modelling and the Local Governance of the Politics of UK Air Pollution: A Three-City Case Study." *Environmental Values* 12, no. 2 (2003): 247–62. doi:10.3197/096327103129341315 .

In the last decade, many arguments have emerged for encouraging public participation in environmental policy making and management. While some have argued that, in democratic societies, people simply have a right to a participatory role, others base arguments for public participation on the idea that lay people may have access to knowledge which is unknown to officially sanctioned experts. Local people may count as experts about aspects of their neighbourhood or they may have insights into the behaviour of plant operators that is thought to give rise to pollution. This paper reports on a novel empirical approach to analysing and capturing such "lay" understandings. This technique ("participatory modelling"), developed in ESRC-funded work in the UK, uses community mapping exercises in urban centres to produce spatial representations of local knowledges about air pollution and related problems of noise and odour. In the paper the technique is outlined, presenting data from the three-city case study. The paper concludes by assessing the ways in which participatory modelling can contribute to the local governance of air quality.

— Text from The White Horse Press website

All rights reserved. © 2003 The White Horse Press

Download:
PDF:
https://www.environmentandsociety.org/sites/default/files/key_docs/ev_12no.2_yearley_cinderby_forrester_bailey__rose

Environmental Values (journal) Collection, Multimedia Library, Environment & Society Portal
Yearley, Steve, Steve Cinderby, John Forrester, Peter Bailey, and Paul Rosen, "Participatory Modelling and the Local Governance of the Politics of UK Air Pollution: A Three-City Case Study"
Source URL: http://www.environmentandsociety.org/node/5885
Print date: 10 November 2026 01:19:34

n.pdf

Related links:

- Article on the official website
  http://www.erica.demon.co.uk/EV/EV1212.html
- The White Horse Press
  http://www.erica.demon.co.uk/

Websites linked in this text:

- http://dx.doi.org/10.3197/096327103129341315
- http://www.erica.demon.co.uk/EV/EV1212.html

Environmental Values (journal) Collection, Multimedia Library, Environment & Society Portal
Yearley, Steve, Steve Cinderby, John Forrester, Peter Bailey, and Paul Rosen, "Participatory Modelling and the Local Governance of the Politics of UK Air Pollution: A Three-City Case Study"
Source URL: http://www.environmentandsociety.org/node/5885
Print date: 10 November 2026 01:19:34