

## Selected References on Cumulative Impacts

This document is a living document; Air District staff will continue to update as needed. This short list of selected references is intended to provide concise, broad information on the subject. It may also serve as a starting point for a more formal or extensive review.

**Last updated: 2025-07-07.** [New entries \(since the last meeting of the Advisory Council\) are formatted in blue and marked with “+”.](#)

### Conceptual Frameworks, Theory, Methods, Approaches, Tools

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  - *Note: A shorter NPR interview is also available*
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- Tulve, N. S., Geller, A. M., Hagerthey, S., Julius, S. H., Lavoie, E. T., Mazur, S. L., ... & Frey, H. C. (2024). Challenges and opportunities for research supporting cumulative impact assessments at the United States environmental protection agency's office of research and development. *The Lancet Regional Health–Americas*, 30.
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- + Chiger, A.A. et al (2025). Improving Methodologies for Cumulative Risk Assessment: A Case Study of Noncarcinogenic Health Risks from Volatile Organic Compounds in Fenceline Communities in Southeastern Pennsylvania. *Environmental Health Perspectives* 133(5). <https://doi.org/10.1289/EHP14696>

### Items Specifically Addressed to Policymakers or Government Staff

- Sprinkle, R. H., & Payne-Sturges, D. C. (2021). Mixture toxicity, cumulative risk, and environmental justice in United States federal policy, 1980–2016: Why, with much known, was little done? *Environmental Health*, 20(1), 104.
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### Multi-Stressor Studies or Assessments

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### **Studies Focused on the Bay Area, California, and/or Air Pollution**

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### **Work of Other Agencies in the United States**

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*Connecticut*

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  - o [Amendments \(ongoing, 2025\): https://portal.ct.gov/deep/environmental-justice/environmental-justice-law-regulations-development](https://portal.ct.gov/deep/environmental-justice/environmental-justice-law-regulations-development)

*Maryland*

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*New York State*

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- + [Siting law in permitting: https://dec.ny.gov/environmental-protection/environmental-justice/the-environmental-justice-siting-law](https://dec.ny.gov/environmental-protection/environmental-justice/the-environmental-justice-siting-law)

*North Carolina*

- + [Environmental Justice / Cumulative Impacts Permitting Bill \(HB 77, DRH40068-MH-18A\) \(2025\)](https://www.ncleg.gov/Sessions/2025/Bills/House/PDF/H77v0.pdf). <https://www.ncleg.gov/Sessions/2025/Bills/House/PDF/H77v0.pdf>

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*Washington State*

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*City of Chicago*

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