

## **Climate Change, Environment and Pesticides: Resources & Pilot Project Opportunity**

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### **Pesticide Action Network of North America: "Pesticides and Climate Change: A vicious cycle"**

Report: <https://www.panna.org/resources/pesticides-and-climate-change-vicious-cycle-report>

Webinars: <https://www.panna.org/resources/webinar-recording-pesticides-and-climate-change>

**Climate urgency:** <https://www.nytimes.com/2023/03/20/climate/global-warming-ipcc-earth.html>

**Health:** Gut dysbiosis and pesticide exposure

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9279132/>

President's Cancer Panel Report (Reducing Environmental Cancer Risk):

[https://deainfo.nci.nih.gov/advisory/pcp/annualreports/pcp08-09rpt/pcp\\_report\\_08-09\\_508.pdf](https://deainfo.nci.nih.gov/advisory/pcp/annualreports/pcp08-09rpt/pcp_report_08-09_508.pdf)

Birth defects: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2667895/>

**Pesticide Drift: MO Dept. of Conservation: Dicamba' and 2,4-D impact on tree health**

<https://www.youtube.com/watch?v=ZdxeoX2QobY>

**Identifying drift damage:**

<https://ipm-drift.cfaes.ohio-state.edu/sites/hdrm/files/imce/Responding%20to%20Drift%20FINAL.pdf>

**Rutgers University Pest and Plant Advisory:**

<https://plant-pest-advisory.rutgers.edu/10-best-management-practices-to-avoid-herbicide-drift/>

**Pesticide use maps (USGS):** [https://water.usgs.gov/nawqa/pnsp/usage/maps/compound\\_listing.php](https://water.usgs.gov/nawqa/pnsp/usage/maps/compound_listing.php)

**Beyond Pesticides:** *Cost Comparison: Organic vs. Chemical land management:*

<https://www.beyondpesticides.org/assets/media/documents/documents/Cost%20Comparison.pdf>

**Parks for a Sustainable Future Program Overview:**

<https://www.beyondpesticides.org/resources/power-organic-parks-program/overview>

**Who:** Beyond Pesticides and Osborne Organics provide land managers and local practitioners (private local landscape companies are invited to the classroom portion of the training program) with the tools necessary to successfully implement natural pest and weed management practices.

**What: In-depth training** to assist community land managers in transitioning *two public green spaces* to organic landscape management, while providing education for the ability to transition all public areas to safer practices.

- Assistance in transitioning towards an organic systems-based approach to land care. This includes soil testing and management techniques that nurture beneficial organisms in the soil food web. Use of organic compatible products only when necessary. Note: This approach is not a simple product replacement program, where, for instance, the herbicide Roundup is swapped for horticultural vinegar or soaps, but a *true systems change*.

**Help to local landscape businesses.** If the community's land care is conducted primarily by private contractors, they can be included in the full training program.

**How:** Funding for the pilot program supported by Beyond Pesticides/ Natural Grocers.

**Next steps:** Contact Beyond Pesticides: [info@beyondpesticides.org](mailto:info@beyondpesticides.org) ; 202-543-5450; Drew Toher.

Beyond Pesticides will aim to provide a response to an application within 10 business days. If accepted into the program, the organization will hold an introductory meeting within 6 weeks to determine next steps.

**More Info:**

<https://www.beyondpesticides.org/resources/power-organic-parks-program/municipal-officials-find-out-how-organic-land-care-training-will-benefit-your-community>

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