

US EPA ARCHIVE DOCUMENT

# WA Statewide School IPM Project

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&

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# Washington Statewide School IPM Project

- Conducting focus groups
- Working with our partners
- Encouraging peer mentoring
- Providing recognition
- Documenting progress



# Focus Groups

**Purpose-** to get input from school district facility managers on how to improve IPM outreach to districts

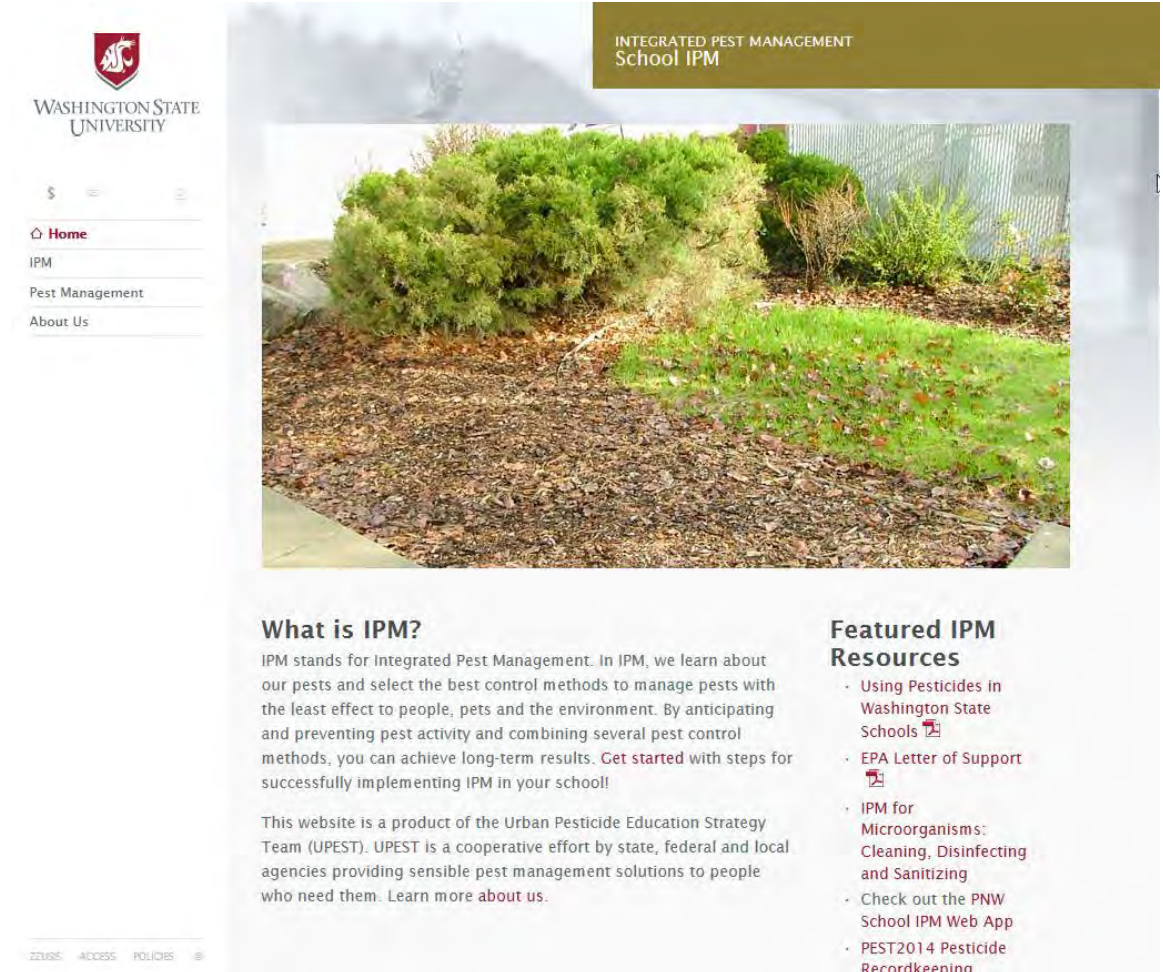
- Champion school districts
- Washington Association of Maintenance and Operations Administrators
- Federal Way Coalition Event



# Focus Groups – Materials Requested

## Materials Requested:

- IPM one-pager for teachers
- IPM one-pager for principals
- Best practices in pest proofing
- IPM for new construction
- IPM for landscape architects
- IPM and composting
- More outdoor school IPM resources
- Many of the requested materials are already available on WSU School IPM site; working to expand the site



# Focus Groups – Receiving Recognition

- Getting mileage out of a recognition program:
  - Provide clings/decals to display
  - Having a recognizable logo
  - Provide schools with a short blurb to put into the district's newsletter
- Provided this input to EPA School IPM Center of Expertise



Energy Star is an example of a recognizable logo



# Working with Our Partners

- Expanding UPEST
- Letter of Support
- Dept of Heath School  
Environmental Health Workshops
- Washington Association of School  
Administrators Conference
- Indian Health Service Program



UPEST is a Washington interagency committee created in 1994 with a focus on school and community IPM. New members invited in 2015.

WASHINGTON STATE UNIVERSITY  
World Class. Face to Face.

School IPM Home


IPM

- What is IPM?
- Why IPM?
- Adopt IPM in Schools
- IPM School Policies
- Workshops/Training
- Washington Laws
- Hire a Professional

Pest Management

- Indoor Pests
- Outdoor Pests
- Pest Press
- Pest Prevention
- Landscaping
- Pesticide Information
- Other Websites and Resources

## School IPM



### What is IPM?

IPM stands for Integrated Pest Management. In IPM, we learn about our pests and select the best control methods to manage pests with the least effect to people, pets and the environment. By anticipating and preventing pest activity and combining several pest control methods, you can achieve long-term results. Get started with [steps](#) for successfully implementing IPM in your school!

**Authors:** Urban Pesticide Education Strategy Team, or UPEST, is a cooperative effort with state, federal and local agencies providing sensible pest management solutions to people who need them. For more details, see [Who is UPEST?](#)

### News & Updates

#### Helping Schools Stay in Compliance

1. [WSDA Inspection Checklist](#)
2. [WSDA Compliance Guide](#)
3. [Pesticide Laws & Regulations for WA Schools](#)

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#### FREE IPM Resources

- **Pest Press:** [Pest-Proofing](#)
- Watch our video on IPM, [IPM: Small Changes, Big](#)



# Washington School IPM Letter of Support

- High-level signatures from EPA, OSPI, DOH, and WSU Extension
- Sent to all public K-12 WA school districts
- Benefits-
  - Building relationship between organizations
  - Increased requests to join WSU school IPM listserv
  - Now a tool for school districts to get support from administration



# Department of Health School Environmental Health Workshops

- Partnered with WA Department of Health to present on the basics of IPM and available resources at nine school environment health workshops across the state, reaching dozens of school districts

Time	Topic	Speakers
9:00 AM	Introductions	Nancy Bernard
9:10 AM	School Communicable Disease Update	Local Health Jurisdiction
9:40 AM	Indoor Air Quality <ul style="list-style-type: none"><li>▪ Ventilation &amp; Filtration</li><li>▪ Investigating IAQ Concerns</li><li>▪ Controlling Asthma Triggers</li><li>▪ Fragrance-Free Policies</li></ul> Cleaning & Disinfection Your Experiences	Nancy Bernard, MPH School Environmental Health and Safety Program Manager Washington State Department of Health
11:30 AM	New Radon Testing Protocols for Schools	Mike Brennan Radiation Health Physicist Washington State Department of Health
12:00 PM	Lunch – on your own	
1:00 PM	School Integrated Pest Management	Juliann Barta / Derrick Terada U. S. Environmental Protection Agency Region 10
1:45 PM	Hazardous Chemicals in Schools: Science, Arts, Shops	Dave Waddell Local Hazardous Waste Management in King County
4:00 PM	Turn in Evaluations	Thank you for attending!

# 2015 Washington Association of School Administrators Conference

- Department of Health and EPA Region 10 will set up a table to discuss children health and IPM to school district superintendents, principals, and vice principals
- Conference is estimated to have 500-800 registrants



# Indian Health Service - School IPM Assessments

- EPA and IHS trained officers on IPM and developed new IPM assessment tools and guidance for tribal schools
- IHS now conducting IPM assessments in tribal schools throughout WA state
- Replicability- Partnering with another EPA & IHS region to expand this work and document lessons learned



## Integrated Pest Management Program Seeking Tribal Partnerships

The Portland Area Indian Health Service is excited to offer a unique program which provides free pest and pesticide consultations and technical assistance to tribes in WA, OR and ID. In partnership with the tribe, IHS will conduct pest management and pesticide risk assessments to determine 1) what and where the problems or risks may be; and 2) what is the most efficient and safest way to address those problems or risks.

Target sites may include any number of indoor or outdoor areas:

- |                        |                         |                            |                  |
|------------------------|-------------------------|----------------------------|------------------|
| • schools              | • home gardens          | • healthcare facilities    | • homes          |
| • childcare facilities | • elder care facilities | • celebration grounds      | • parks          |
| • community centers    | • places of business    | • agricultural operations  | • playing fields |
| • processing plants    | • commodity centers     | • manufacturing facilities | • roadways       |



### What Is Integrated Pest Management?

IPM is a scientific approach to pest control which minimizes risks to people and the environment. It combines a number of strategies to get at the root cause of a problem, providing long-term, sustainable control.

Together, IHS and the tribe will develop a plan to implement safer pest control practices and work together to execute it. The goal of the program is to reduce the health risks and environmental impacts of pesticides through the promotion and adoption of Integrated Pest Management.

IHS is currently seeking to partner with tribes who may have some pest/pesticide concerns or who are interested in safer, more effective alternatives.



Coalition events are an opportunity for school districts to learn more about IPM implementation from experts and their peers.





Dr. Bobby Corrigan will teach a rodent academy in July.



# Expanding and labeling Washington's school IPM 'champions'.



WSU recognizes school IPM champions in collaboration with the IPM Institute of North America.



CERTIFIED BY THE IPM INSTITUTE OF NORTH AMERICA, INC.

# Providing Recognition- Great Start Award Program

- EPA CoE is developing a tiered award program for school districts
- EPA Region 10 will work with any interested WA K-12 public and tribal school districts to pilot the Great Start Award, until the national award is available



*Does your school district:*

- *only use a certified pesticide applicator for all pesticide applications?*
- *have a designated IPM coordinator that receives regular training?*
- *have a written IPM policy?*
- *have completed a self-assessment checklist for at least 10% of your facilities to address pest conducive conditions and pest problems?*

# Documenting Progress - Tracking

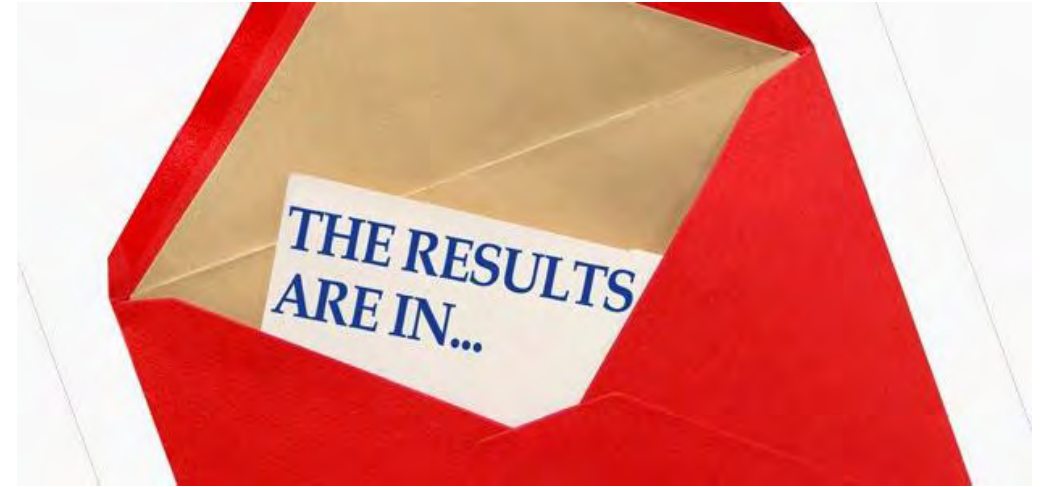
- Currently keeping track of districts participation in events and webinars, whether they are receiving recognition, whether they have a policy or plan, whether they have received any information from Extension, IHS, EPA, and more.
- Over 75 WA school districts have been reached through IPM Star, WSU and WA Dept of Health events, IHS school IPM walkthroughs, and EPA webinars

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
	School District	K-12 Public/Tribal	K-2 Screen (1994)	Policy/Plan	Received IHS TA FTHS-10	Care of Chemists	DOH EH Workshop	WMMO Mtg	Cut Webinar	Mar '15	Apr '15	Jul '15	Nov '15	IPM Star Certified	IPM Star (see IPM Star (see) Want info on Interest in Be Provided	Fall/Up		
1	Alsea																	
2	Banks-Island																	
3	Battle Ground																	
4	Bellows Christian																	
5	Bellows																	
6	Bethel																	
7	Bonanza																	
8	Bridgman																	
9	Camas Valley																	
10	Cheney																	
11	Chief Knap Academy																	
12	Chief Knap																	
13	Columbia B24																	
14	Cathlamet																	
15	Cedar Rapids																	
16	Clatskanie																	
17	Coeur d'Alene																	
18	Curtis																	
19	Dave Park																	
20	Everett																	
21	Estacada																	
22	Edmonds																	
23	Ecumenical																	
24	Federal Way																	
25	Franklin Pierce																	
26	Glenwood																	
27	Grays Harbor																	
28	Hall County																	
29	Hanford																	
30	Harney																	
31	Idaho Falls																	
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# Documenting Progress - Tracking

- WSU is also surveying WA districts about IPM such as whether a district has a policy or IPM coordinator.
- Will integrate the survey results with information collected through this project.
- Do the results indicate the efforts over the past few years have had an impact?



## Section III. Pest Problems

List up to three of your district's top pest problems INSIDE buildings.

Indoor Pests	Districts reporting problems	
Small ants	104	76.5%
Mice	81	59.6%
Spiders	41	30.1%
Flies	33	24.3%
Rats	26	19.1%
Carpenter ants	17	12.5%
Cockroaches	5	3.6%
Fleas	1	0.7%
Termites	1	0.7%

List up to three of your district's top pest problems OUTSIDE buildings.

Outdoor Pests	Districts reporting problems	
Yellowjackets	110	80.9%
Weeds	106	77.9%
Moles	42	30.9%
Pigeons	19	14%
Insect/disease on shrubs/trees	16	11.8%
Gophers	13	9.6%
Bats	9	6.6%

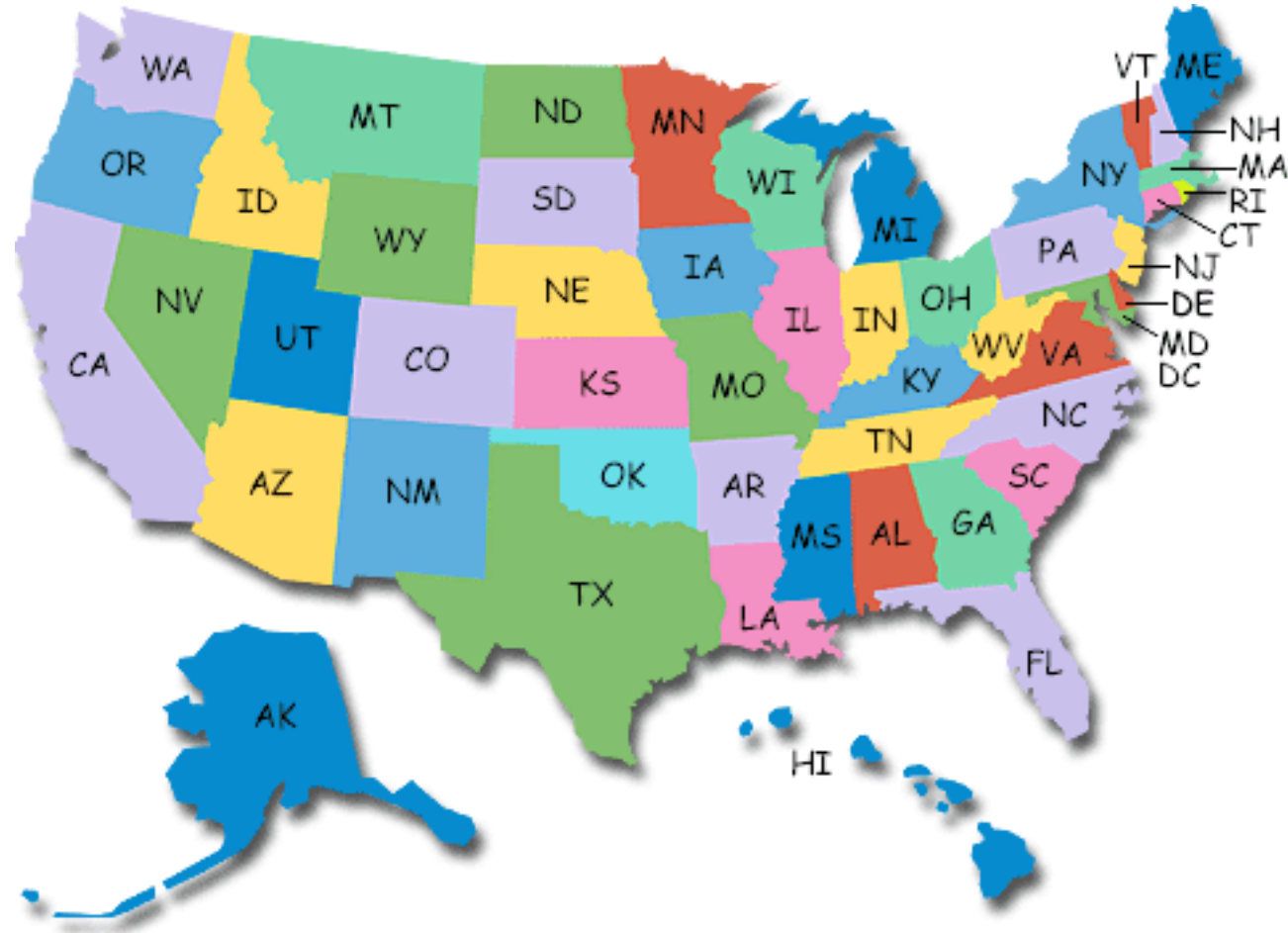
# Documenting Progress – Lessons Learned

- Partnerships matter. Connect with your department of education and department of health to increase reach.
- Consider school workload schedule when timing training events.
- Don't forget about the small school districts and rural school districts. They can be change agents.
- School districts may equate a walkthrough from a regulatory agency with an inspection and a fee or fine.
- On a state scale, outputs are easy to track (e.g. attendance at events). Outcomes are hard (e.g. decrease in pest complaints).

Continue to build on past success and structure to create synergy.  
(secret ingredients: patience, persistence, passion)



A nationwide webinar will be held to share lessons learned from the project.



# Next Steps

- Continuing to build our network of school districts and partner organizations
  - Working with districts interested in recognition or technical assistance
  - Contacting more partner organizations
  - Speaking with administrators
- Planning and promoting upcoming events
  - Rodent Academy
  - Recognition Event
- Continuing to track success and lessons learned





Thank you for your support!

