Pest Prevention By Design

Funding provided by the Centers for Disease Control and Prevention.

Pest Prevention By Design Project led by Chris Geiger, SFE Integrated Pest Management & Green Purchasing Program

Alice Griffith Public Housing, San Francisco

25% Asthma
38% Mold
44% Roaches
18% Rodents

48% are children

San Francisco’s IPM ordinance

Municipal pesticide use decreased quickly after IPM ordinance passed in 1996. Further reductions have been slower.
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Sector</th>
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<tbody>
<tr>
<td>Allison Taisey</td>
<td>Cornell Univ. Extension</td>
<td>Academic/Extension</td>
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<tr>
<td>Luis Aguirre</td>
<td>Pest Control</td>
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<td>Arthur Slater</td>
<td>Slater Pest Control</td>
<td>Pest Control</td>
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<td>Lyn Garling</td>
<td>PA IPM Program, Penn State Univ</td>
<td>Academic/Extension</td>
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<td>Bobby Corrigan</td>
<td>Corrigan Consulting</td>
<td>Consultant</td>
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<td>Margaret Hurlbert</td>
<td>Univ. of Calif., Berkeley</td>
<td>Facility manager</td>
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<td>Brad Guy</td>
<td>Material Rescue</td>
<td>Academic/Extension</td>
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<td>Mark Palmer</td>
<td>SFE – Green Building Program</td>
<td>Government</td>
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<td>Darin Van Steenwyk</td>
<td>Clark Pest Control</td>
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<td>Doug Bederman</td>
<td>American Pest Control Prevention Program</td>
<td>Government</td>
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<td>Greg Adams</td>
<td>No</td>
<td>Pest Control</td>
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<td>John Pedrizzoli</td>
<td>National Pest Management Association</td>
<td>Government</td>
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<td>john caldwell</td>
<td>Card Inspection Services</td>
<td>Pest Control</td>
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<td>Kathy Costello</td>
<td>IL EPA - Children's Health</td>
<td>Government</td>
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<td>Lee Torner</td>
<td>Office of Pest Control Programs</td>
<td>Government</td>
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<td>Lee Snyder</td>
<td>Cincinnati Metropolitan Housing Authority</td>
<td>Public Housing</td>
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Foundations – examples

Clearance between foundation and soil

Sealing around utilities

Curtain walls
Gutters and Downspouts – examples

More rodent guards

Rodent guards

Exterior Bird-proofing - examples
Sloped window sills

Bird “stops”

Landscaping - example

Avoid ivy and honeysuckle
Floors - example

Drains with removable covers

Doors - example

Door bottoms and sweeps
Self closing doors

Windows - example

Screens and weather-stripping

Bathrooms - example
Escutcheons

Kitchens - example

Smooth cabinet doors

Refuse and Recycling - example
Design for easy cleaning

Miscellaneous - example

Design for easy inspection

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Scientific Coalition on Pest Exclusion (SCOPE)
www.pestexclusion.org

Discussion questions

1. What design/construction tactics have you used to successfully prevent pest problems? We’d like your ideas about what should be added to these guidelines.
2. One of our next steps is to add these guidelines to the LEED green building standards. What thoughts do you have about that approach?

More discussion questions

1. Where do you go to learn how to do home repairs?
2. Where would you go to purchase the materials you saw today?
3. Do you discuss pest management with your building/renovation contractors?
4. What do you think would drive demand for pest-proofing during the design phase of building?