

# WIPMC Work Groups

## Work Groups Funded by the Western Integrated Pest Management Center

Competitive proposals are solicited from self-establishing multistate work groups to address information, resource, and research needs in region-wide or broad area categories including: minor crops, major crops, non-crop areas, IPM metrics or impact assessments, urban IPM, cropping systems, geographical issues, school IPM, and other issues. Work groups must enhance communication and collaborations within the region for the IPM topic area addressed by the group. A work group could also coordinate development of proposals for funding to address critical issues within the West.

### Current Work Groups

#### Functional Agricultural Biodiversity Work Group

**States Involved:** California, Idaho, Oregon, Washington

**Purpose:** Foster collaborative approach of communication, research, and outreach among researchers, farmers, conservationists, and land managers in conservation biological control (CBC) in order to preserve crop pollination by native pollinators and management of pests by predators, parasitoids, and pathogens in forest, rangeland, farms, and gardens in the Western Region.

**Outcomes/Outputs:** Enhanced collaboration among field consultants, researchers, NRCS personnel, and conservationists. Better educated regional policymakers and others who attended biodiversity agricultural tour sponsored by group. New grasp of needs in Oregon via needs assessment surveys conducted by group. New demonstration habitat created by group. New 2-year research grant secured by group.

**Contact:** Gwendolyn Ellen, Oregon State University, [gwendolyn@science.oregonstate.edu](mailto:gwendolyn@science.oregonstate.edu).



#### Crop Pest Losses and Impact Assessment Work Group

**States Involved:** Arizona, California, Texas

**Purpose:** Facilitate interaction among stakeholders to measure pesticide use patterns, pest-related losses and control costs, and other IPM impacts on crop production. Conduct face-to-face stakeholder interactions to develop real-world data for major desert crops (cotton, melons, lettuce, and alfalfa) in Arizona and portions of California. Serve as clearinghouse for crop pest losses information.

**Outcomes/Outputs:** Valuable new economic and pesticide use information to aid in measuring adoption and impact of IPM in major desert crops. Expanded stakeholder involvement in identifying and formulating responses to emerging pests. Leveraged funding through additional grants. Accurate and detailed responses to information requests at all levels.

**Contact:** Al Fournier, University of Arizona, [fournier@ag.arizona.edu](mailto:fournier@ag.arizona.edu).



#### Western Region School IPM Implementation and Assessment Work Group

**States Involved:** Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

**Purpose:** Encourage collaboration among universities, state agencies, federal agencies, industry, and advocacy groups working to encourage and enhance successful implementation of IPM in schools in the Western Region. Develop an inventory of programs and resources, increased networking and communication, improved access to and sharing of resources, and identification of IPM implementation challenges and barriers.

**Outcomes/Outputs:** New dialog created among key stakeholders in the West on barriers and challenges to full adoption of IPM practices in schools. New, thorough inventory of school IPM programs and resources in Western Region to serve as a baseline for measuring progress in school IPM implementation.

**Contact:** Dawn Gouge, University of Arizona, [dhgouge@ag.arizona.edu](mailto:dhgouge@ag.arizona.edu).



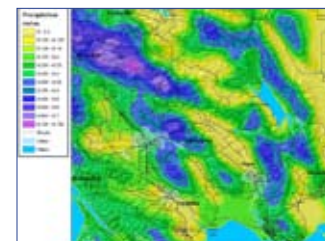
#### Work Group on Weather Systems

**States Involved:** California, Oregon, Washington

**Purpose:** Further science-based principles and procedures for the acquisition, utilization, analysis, and distribution of weather and climate data for IPM management decisions. Increase user confidence and utilization of weather data and pest, disease, and crop phenology models to enhance IPM management decisions in crop, rangeland, forest, horticultural, and urban environments.

**Outcomes/Outputs:** Successful proposals by work group members totaling more than \$1 million. Group recognized as leader in interpolation and delivery of weather, forecast, and pest model data. New standards and guidelines for weather-driven IPM. New tools for weather data and forecast interpolation. New methods for estimating parameters needed for pest models.

**Contact:** Walter Mahaffee, Oregon State University, [mahaffew@science.oregonstate.edu](mailto:mahaffew@science.oregonstate.edu).



## Southeastern Arizona-Southwestern New Mexico Noxious Weed Work Group

**States Involved:** Arizona, New Mexico

**Purpose:** Building on previous WIPMC-funded work, hold research and education field tour. Hold planning meeting to share research updates, progress on action plans, and weed management implementation efforts. Hold two subgroup meetings to work on specific tasks in the strategic plan. Continue group's online communication.



**Outcomes/Outputs:** Enhanced communication and collaboration across state borders. Stakeholder relations strengthened by face-to-face meetings and field tour. Local community awareness of noxious weeds and local control efforts. Improved early detection and rapid response, reducing overall cost and ecological damage from noxious weeds. In longer-term, impact on biodiversity and ecological stability and monetary savings for growers, ranchers, and other land managers through preventive management.

**Contact:** Kim McReynolds, University of Arizona, [kimm@cats.arizona.edu](mailto:kimm@cats.arizona.edu).

## Development of Integrated Vegetation Management Research and Demonstration Projects on Western Rights-of-Way Work Group

**States Involved:** Arizona, California, Nevada, Oregon, and Utah

**Purpose:** Develop integrated vegetation management (IVM) research and demonstration projects on utility rights-of-way throughout the Western United States. Develop work group to identify potential project sites, potential project partners, and research requirements. Educate land managers throughout the West on the benefits of IVM and influence them to allow its implementation.



**Expected Outcomes/Outputs:** Multi-disciplinary work group to oversee and guide IVM research throughout the western United States. Identification of potential partners and issues that can be addressed through utility IVM and partnership development. Prioritized list of research projects located throughout the western states and identified funding sources. Work plan to conduct multiple IVM research and demonstration projects throughout the West.

**Contact:** Jack McCabe, Utility Arborist Association (UAA) Director and Operations Manager for Davey Resource Group, [jack.mccabe@davey.com](mailto:jack.mccabe@davey.com).

## Past Work Groups

- ♦ Alaska Pest Management Program
- ♦ Curly Top Virus Biology, Transmission, Ecology, and Management
- ♦ Invasive Plants in Natural Areas: Connecting Regional Centers Across the United States
- ♦ Incorporation of IPM Guidelines in NRCS Conservation Planning
- ♦ Increasing Regional Communication to Improve Orchard Spray Application Efficiency
- ♦ IPM Consequences of Herbicide Tolerant and Insect Resistant Crops
- ♦ IPM for Spanish-Speaking Landscape Workers
- ♦ IPM of Ants of Urban Importance in the Western Region
- ♦ Oregon and Washington Small Fruits
- ♦ OnePlan IPM Planner
- ♦ Pacific Northwest Agricultural IPM Issues
- ♦ Snail and Slug Management in Ornamental Crop Production
- ♦ Western Region Structural Pest IPM
- ♦ Western Region Urban Residential and Institutional IPM

Visit the Western IPM Center's Web site for further details about any of these projects: <http://www.wripmc.org>.



*Fostering responsible pest management for a sustainable future.*

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For more information on the Western Integrated Pest Management Center, see

<http://www.wripmc.org>

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