

Education and Resources for CWMA's

~Western Region~

Education - Training

- **Noxious Weed Short Course** - Hands-on, weeklong course for land managers, sponsored every April by the Western Society of Weed Science. Email Celestine Duncan at weeds1@ixi.net.
- **Four Corners Noxious/Invasive Weed Short Course** - Three-day course in August focusing on weeds of the Southwest, sponsored by the BLM, Univ. of Arizona, and New Mexico State Univ. Email Barb Gibson at bgibson@ag.arizona.edu.
- **Aquatic/riparian weed management training** - Offered on an as-needed basis in California (scheduled for Ventura, CA, in 2006). Email Nelroy Jackson at nelroy.e.jackson@monsanto.com.
- **CIPM online workshop** - Eight-week, instructor-facilitated online workshop, "Understanding and Assessing Plant Invasions: A Framework for Prioritizing Management Strategies," results in ecologically-based adaptive management plans. Offered annually beginning in January. Email Mary McFadzen at mmcfadzen@montana.edu.
- **Western Society of Weed Science online lessons** - Learn more about crop technology, including weed biology, herbicide resistance, genetically engineered crops, and pesticide mode of action. See <http://www.wsweedscience.org/Lessons/lessons.asp>.
- **Ecological Management of Invasive Plants** - Three-day spring workshop for land managers, sponsored by USDA-ARS in Burns, OR. Email Roger Sheley at rogersheley@oregonstate.edu.

Education - Events

- **Western Society of Weed Science** - annual meeting in March
- **Society for Range Management** - annual meeting in February
- **Ecological Society of America** - annual meeting in August
- **Western Aquatic Plant Management Society** - annual meeting in March
- **Society for Ecological Restoration** - regional chapter meetings across the U.S.
- **State weed management association and EPPC (IPC) annual meetings** (Oct-Feb)
- **Western Weed Awareness Summit** - initial meeting in 2005; tentative meeting in 2007

Resources - people

- State Extension weed specialists / land grant universities
- State weed coordinators (located in state Departments of Agriculture) - and state weed management plans
- Federal agency (BLM, FS, NRCS, BoR, ACE, ARS, APHIS) field personnel and researchers
- State agency specialists
- County weed districts, RC&Ds
- NGOs (e.g., TNC, native plant orgs, etc.)
- Industry reps (Dow, BASF, Monsanto, etc.)
- Successful land managers

Resources - websites (databases, ideas, weed info)

- **invasivespeciesinfo.gov** - New and improved!
- **The Nature Conservancy** (<http://tncweeds.ucdavis.edu/>) - Look particularly for "Element Stewardship Abstracts" and "Weed Control Methods Handbook: Tools and Techniques for Use in Natural Areas"
- **USDA-NRCS PLANTS database** - <http://plants.usda.gov/>
- **Center for Invasive Plant Management** www.weedcenter.org - offers databases on restoration resources and weed awareness materials, western state weed lists and contact info, extensive list of grants available to land managers, resources for educators and CWMA's. Focus leans toward the West, but much information is nationally relevant.
- **CIPM Invasive Plant Resource Guide**
http://www.weedcenter.org/resource_guide/rg_cover.html - Online reference to materials for supporting invasive plant management and education efforts. Topics range from national weed management strategies, to natural resources, to "working with people" skills. For each item referenced, a description is provided, as well as source information. Most items available free.
- **INVADERS database** <http://invader.dbs.umt.edu/> - Comprehensive database of weeds and weed distribution records for five states in the northwestern United States.
- **Southwest Exotic Plant Information Clearinghouse** <http://www.usgs.nau.edu/SWEPIC/> - Maps, databases, species info focused on weeds of the Southwest.
- **Statewide weed awareness campaigns** (Montana's www.weedawareness.org, Idaho's www.idahoweedawareness.net, Utah's site under construction)
- **State weed management associations** (all western states) and **CalIPC** (<http://www.cal-ipc.org/>)
- **Federal agency web pages** on invasives
- **www.google.com** - of course

Resources - money (grants)

- <http://www.weedcenter.org/grants/rfp.htm> -- Center for Invasive Plant Management (national programs and western-oriented programs)
- <http://www.grants.gov> -- U.S. government's official grants website
- <http://cfda.gov> -- Catalog of Federal Domestic Assistance
- <http://www.csrees.usda.gov/fo/funding.cfm> -- USDA Cooperative State Research, Education and Extension Service
- State grants programs - check with state departments of agriculture, natural resources, parks, fish and wildlife, etc.
- Conservation/wildlife organizations - check with local chapters
- Local businesses and organizations - just ask!

Resources - news

- Tidepool http://www.tidepool.org/subjects/id.artshow.cfm?category=invasive_species - news of the environment and economy in the Northwest bioregion
- Red Lodge Clearinghouse <http://www.redlodgclearinghouse.org/> - focusing on natural resource collaboration in the West