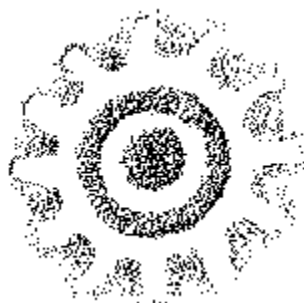


Office of Arid Lands Studies

**College of Agriculture and Life Sciences
The University of Arizona**



Faculty & Staff

Publications & Presentations

2002 - 2003

**Compiled by
Heather Severson
Arid Lands Information Center**

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Baker, L. and W.J.D. van Leeuwen. 2003. Presentation: *RangeView workshop*. 2003. ACGA/ASC/AWPA Summer Convention. August 5, 2003. Tucson, Arizona.

Casler, C.L., B.S. Hutchinson, G.B. Ruyle, M. Haddock, J. Kawasaki, T. McKimmie, M. Haseltine, D. Jones, J. Pfander, M. Baker and S. Merrigan. 2003. Poster and presentation: Building a Western Regional Rangelands Web Resource: An AgNIC Initiative. USAIN 8th National Conference. April 2003. Tucson, Arizona.

Casler, C.L., B.S. Hutchinson, G.B. Ruyle, M. Haseltine, A. Thwaites. 2002. Poster: Building a Western Regional Rangelands Web Resource: An AgNIC Initiative. College of Agriculture and Life Sciences Faculty Annual Conference. August 2002. Tucson, Arizona.

Casler, C.L., M. Baker, M. Haseltine, B.S. Hutchinson, B.J. Orr, Y. Yamaguchi and Y. Yang. 2002. Poster: Web Access to Watershed Management Data and Information. International Arid Lands Consortium Conference and Workshop. October 2002. Tucson, Arizona.

Casler, Carla. 2003. Presentation: Partnering for Phytomedicine Research, USAIN 8th National Conference. April 2003. Champaign-Urbana, Illinois.

Chamie, J.P.M. 2002. Poster: Santa Rita 100-Year Anniversary. International Arid Lands Consortium Conference and Workshop. October 30-November 1, 2002. Tucson, Arizona.

Coates, W.E. 2003. Presentation: Supplemental Pollination of Jojoba. AAIC Annual Meeting. October 12-15, 2003. Portland Oregon.

Coates, W.E. and R. Ayerza. 2002. Presentation: Chia Consumption: Effect on Blood Cholesterol, HDL, LDL and Triglyceride Levels in Humans. 2002. International Meeting of The Association for the Advancement of Industrial Crops. August 25-28, 2002. Saskatoon, Canada.

Drake, S. 2003. Poster: Exploring DOQQ and IKONOS Imagery for a Vegetation Supermap. Spectral Remote Sensing of Vegetation Conference. March 2003. Las Vegas, Nevada.

- Drake, S. 2003. Presentation: From Satellite to Household: Using Interpreted Imagery to Design a Representative Sampling Framework for African Cities. Project Capstone Conference. January 2003. Dakar, Senegal.
- Drake, S. 2003. Presentation: Future Directions: Automating Feature Extraction with Feature Analyst. Project Capstone Conference. January 2003. Dakar, Senegal.
- Drake, S. 2003. Presentation: High Resolution Satellite Imagery and the Supermap Concept for Vegetation Mapping and Monitoring. NPS Intermountain Region Inventory and Monitoring Conference. February 2003. Tucson, Arizona.
- Eaton, F.E., R.L. Roth, S.P. McLaughlin and J. Nelson. 2002. Presentation: A Harvesting System for Hesperaloe leaves. Annual Meeting, Association for the Advancement of Industrial Crops. August 27, 2002. Saskatoon, Saskatchewan.
- Grunberg, W. 2003. Presentation: WALTER Web Applications Development. WALTER Alpha Test. December 4, 2003. Tucson, Arizona.
- Gunatilaka, A.A.L. 2003. Invited Lecture: Accessing Plant-associated Microbial Diversity for Anticancer Drug Discovery. Sim Keng Yeow Symposium. July 19, 2003. University of Singapore.
- Gunatilaka, A.A.L. 2003. Invited Lecture: Accessing Sonoran Desert Microbial Diversity for Anticancer Drug Discovery. April 28, 2003. Ohio State University. Columbus, Ohio.
- Gunatilaka, A.A.L. 2003. Invited Lecture: Accessing Sonoran Desert Microbial Diversity for Anticancer Drug Discovery. August 22, 2003. University of Illinois, Chicago, Illinois.
- Gunatilaka, A.A.L. 2003. Invited Lecture: Accessing Sonoran Desert Microbial Diversity for Anticancer Drug Discovery. November 31, 2003. Hong Kong University of Science and Technology.
- Gunatilaka, A.A.L. 2003. Invited Lecture: Chemistry and Biology of Taxol. China Pharmaceutical University. November 23, 2003.
- Gunatilaka, A.A.L. 2003. Invited Lecture: Search for Anticancer Agents from Sonoran Desert Microorganisms. July 15, 2003. University of Peradeniya, Sri Lanka.
- Haseltine, M., G.B. Ruyle and B.S. Hutchinson. 2002. Abstract and poster: Range Management Databases on the Web: Two Examples. IALC Conference and Workshop: Assessing Capabilities of Soil and Water Resources in Drylands: The role of Information Retrieval and Dissemination Technologies. October 20-25, 2002. Tucson, Arizona.
- Huete, A., M. Tomoaki, Y. Hiroki, H-J. Kim and W.J.D van Leeuwen. 2002. Presentation by A. Huete: Inter-Sensor Calibration of Vegetation Indices for Synergistic Monitoring and Continuity Studies of Ecosystem Variability. Recent Advances in Quantitative Remote Sensing. September 16-20, 2002. Torrent, Spain.
- Hutchinson, B.S. 2002. Presentation in Spanish: Information Management and Dissemination Component Activities. ICBG Bioactive Agents of Dryland Biodiversity of Latin America Project Annual Meeting. November 6, 2002. Pucon, Chile.

Hutchinson, B.S. 2002. Presentation: Building a Global Drylands Information System: A Collaborative Approach. IALC Conference and Workshop: Assessing Capabilities of Soil and Water Resources in Drylands: The Role of Information Retrieval and Dissemination Technologies. October 20-24, 2002. Tucson, Arizona.

Hutchinson, B.S. 2002. Presentation: Information Collection and Dissemination Component: Arizona Center for Phytomedicine Research (ACPRx). NIH External Advisory Board at the UA College of Pharmacy. March 1, 2002. Tucson, Arizona.

Hutchinson, B.S. 2002. Presentation: Information Resources for the Southwest Using Internet and GIS Technologies. Southwest Strategy Regional Executive Committee Meeting. May 29, 2002. Tucson, Arizona.

Hutchinson, B.S. 2002. Presentation: Managing Arid and Semi-Arid Watersheds Web Site and Database Development. Synergy III RangeView Workshop. May 28, 2002. Tucson, Arizona.

Hutchinson, B.S. 2003. Presentation: Content Development for a Western Rangelands AgNIC Web Resource. USAIN Conference: Agricultural Information for the New Millenium. April 26, 2003. Champaign, Illinois.

Hutchinson, B.S. 2003. Presentation: Information Collection and Dissemination Component: Arizona Center for Phytomedicine Research (ACPRx) NIH External Advisory Board. UA College of Pharmacy. January 24, 2003. Tucson, Arizona.

Hutchinson, B.S. 2003. Presentation: Introducing Rangelands West: An AgNIC Initiative. RangeView Professional Training Workshop for Agency Personnel. October 4, 2003. Tucson, Arizona.

Hutchinson, B.S. 2003. Presentation: The Birth of Rangelands West: An AgNIC Web Resource. The 2nd Western Rangelands Partnership AgNIC Workshop. March 20, 2003. University of Arizona. Tucson, Arizona.

Hutchinson, B.S. and D. Jones. 2002. Presentation: Western Rangelands: A Collaborative AgNIC Project. Annual AgNIC Alliance Meeting. April 18, 2002. Washington, D.C.

Hutchinson, B.S. and G.B. Ruyle. 2003. Invited presentation: Rangelands West: A Partnership for Bringing Value-Added Rangelands Management Information to the Web. Second National Grazing Lands Conference. December 8, 2003. Nashville, Tennessee.

Hutchinson, B.S., G.B. Ruyle and D.J. Young. 2003. Presentation: Rangelands West: A Regional AgNIC Collaboration to Build a Portal for Rangelands and Natural Resources Information. The Galaxy II conference. Joint Council of Extension Professionals. September 21-25, 2003. Salt Lake City, Utah.

Hutchinson, B.S., G.B. Ruyle, M. Haddock and K. Sanders. 2003. Presentation: Building a Western Regional Rangelands Web Resource: An AgNIC Initiative. The Society for Range Management Conference. January 31-February 4, 2003. University of Wyoming. Casper, Wyoming.

Hutchinson, B.S., G.B. Ruyle, M. Haddock and K. Sanders. 2003. Presentation: Building a Western Regional Rangelands Web Resource: An AgNIC Initiative. U.S. Agricultural Information Network Conference. University of Illinois. April 25-28, 2003. Urbana-Champaign, Illinois.

Hutchinson, B.S. and G.B. Ruyle. 2002. Presentation: A Demonstration of a Prototype Regional Rangelands AgNIC Web Site. Western Regional Rangelands AgNIC Workshop. March 15, 2002. Tucson, Arizona.

Hutchinson, B.S. and G.B. Ruyle. 2002. Presentation: Managing Rangelands: An AgNIC Web Site Project. Western Regional Rangelands AgNIC Workshop. March 14, 2002. Tucson, Arizona.

Hutchinson, C.F. 2002. Presentation: New Tools for Providing EOS Science. Ninth Biennial Forest Service Remote Sensing Applications Conference. April 10, 2002. San Diego, California.

Hutchinson, C.F. 2002. Presentation: Space Applications for Managing Natural Resources and Enhancing Food Security. UN/IAF Workshop, Space Solutions for Global Problems: Building Working Partnerships with Stakeholders in Human Security and Development. World Space Congress. November 11, 2002. Houston, Texas.

Hutchinson, C.F. and S. Hermann. 2003. Invited Paper: Evolving Contexts of the Desertification Debate. Workshop on Changes in the Sahel. United Nations Environment Program, Food and Agriculture Organization of the United Nations and United Nations Convention for Combating Desertification. October 14, 2003. Nairobi, Kenya.

Kepner, W.G., C.J. Watts, C.M. Edmonds, D.C. Goodrich and S.E. Marsh. 2002. Presentation: An Evaluation of 25 Years of Landscape Change in a Southwest Watershed. USGS Southwest Landscape Change Workshop. February 20-21, 2002. Las Cruces, New Mexico.

Kepner, W.G., C.J. Watts, C.M. Edmonds, J.K. Maingi, S.E. Marsh, B.C. McClure and J.J. Juen. 2002. Poster: The Changing Watershed: A 25-year History of Land Cover Change in the San Pedro River. USGS Southwest Landscape Change Workshop. February 20-21, 2002. Las Cruces, New Mexico.

Marsh, S.E., B. Orr, A-M. White, W.J.D. van Leeuwen, W. Grunberg, A. Thwaites, C.F. Hutchinson, B.S. Hutchinson, L. Baker, S. Hermann, M. Farah, C. Huang, G. Oldham, C. Wallace, L. Howery, G.B. Ruyle, P. Krausman and A. Heydlauff. 2002. Poster: RangeView – A New Web Based Tool Providing Remote Sensing Products and Data to Natural Resource Managers in the Western States. International Arid Land Consortium Conference: Assessing Capabilities of Soil and Water Resources in Drylands: The Role of Information Retrieval and Dissemination Technologies. October 20-25, 2002. Tucson, Arizona.

Marsh, S.E., B.J. Orr, A-M. White, G. Oldham, C. Wallace, C.F. Hutchinson, A. Thwaites, B.S. Hutchinson, G.B. Ruyle, L. Howery, A. Heydlauff, P. Krausman and R.M. Enns. 2002. Presentation: New Tools for Providing EOS Science Results and Data to Natural Resource Managers in the Western States. Ninth Biennial Forest Service Remote Sensing Applications Conference. April 8-12, 2002. San Diego, California.

McClure, M., S. Husman, B.J. Orr, W.J.D. van Leeuwen, D. Rautenkranz and P. Holland. 2003. Presentation by M. McClure: Response of Root-knot Infested Upland Cotton to Soil Fumigation with Telone, a 3-year study. National Cotton Council's Nematode Survey and Education Committee annual meeting. December 9-11, 2003. Memphis, Tennessee.

McLaughlin, S.P. 2002. Presentation: Hesperaloe: A Potential New Fiber Crop for Arizona Agriculture. Crop Improvement Association 69th Annual Meeting. January 28, 2002. Tucson, Arizona.

McLaughlin, S.P. 2002. Seminar Speaker: Discovering the Patterns of Plant Species Richness and Distribution. University of Arizona Department of Plant Sciences. November 15, 2002. Tucson, Arizona.

McLaughlin, S.P. 2002. Speaker: Discovering the Patterns of Plant Species Richness and Distribution. University of Arizona Herbarium. November 24, 2002. Tucson, Arizona.

McLaughlin, S.P. 2002. Speaker: Flora of the Sonoita Creek State Natural Area. University of Arizona Herbarium. April 4, 2002. Tucson, Arizona.

Orr, B., S.E. Marsh, B.S. Hutchinson, G.B. Ruyle, L.D. Howery and P.R. Krausman. 2002. Abstract and poster: RangeView: Geospatial Tools for Natural Resource Management. 4th Conference on Research and Resource Management in the Southwestern Deserts. May 15-17, 2002. Tucson, Arizona.

Orr, B.J. 2002. Booth exhibit: Geospatial extension programming in Arizona. Arizona Ag Day. March 12, 2002. Phoenix, Arizona.

Orr, B.J. 2002. Booth exhibit: RangeView. Agriculture and Food Science in the 21st Century, The Government-University Partnership at Work: National Association of State Universities and Land-Grant Colleges (NASULGC) Capitol Hill Exhibit. March 5, 2002. Washington D.C.

Orr, B.J. 2002. Four hour training conducted by W.J.D. van Leeuwen: Applications of Remote Sensing for Natural Resource Management. 29th International Symposium on Remote Sensing of Environment: Information for Development and Sustainability. April 7, 2002. Buenos Aires, Argentina.

Orr, B.J. 2002. Poster: RangeSpace. Third Natural Resources Extension Professionals Conference. June 2-7, 2002. Naples, Florida.

Orr, B.J. 2002. Poster: RangeView: Geospatial Tools for Natural Resource Management. Meeting Resource Management Information Needs: Fourth Conference on Research and Resource Management in the Southwestern Deserts. May 16, 2002. Tucson, Arizona.

Orr, B.J. 2002. Posters: RangeView, WALTER and IALC Watersheds project. IALC Conference and Workshop: Assessing Capabilities of Soil and Water Resources in Drylands: The Role of Information Retrieval and Dissemination Technologies. October 20-25, 2002. Tucson, Arizona.

Orr, B.J. 2002. Presentation: A Survey of Remote Sensing Fundamentals with Emphasis on Natural Resource Management and Precision Agriculture for two-day workshops at the University of Arizona. Remote Sensing for Vegetation Management: RS 102 for Cooperative Extension. November 7, 2002. Salt Lake City, Utah.

Orr, B.J. 2002. Presentation: Arizona Regional Image Archive. America View Annual Conference. USGS EROS Data Center. August 7, 2002. Sioux Falls, South Dakota.

Orr, B.J. 2002. Presentation: Earth Grant: An Emerging Geospatial Partnership. USDA Undersecretary of Agriculture and NASA Director of Earth Science. April 3, 2002. Washington D.C.

Orr, B.J. 2002. Presentation: Geospatial Technology Adoption in Arizona: A Diffusion of Innovation Model. Upper Midwest Aerospace Consortium Annual Meeting. February 22, 2002. Grand Forks, North Dakota.

Orr, B.J. 2002. Presentation: Geospatial Tools for Rangeland Management. Southeastern Arizona Ag Day. February 6, 2002. Safford, Arizona.

Orr, B.J. 2002. Presentation: New Technology: RangeView Project. Rangeland Monitoring Workshop. October 22, 2002. Camp Verde, Arizona.

Orr, B.J. 2002. Presentation: Precision Agriculture: Trends in Tree Crop Applications. Pecan Growers Association Annual Meeting. September 20, 2002. Tucson, Arizona.

Orr, B.J. 2002. Presentation: RangeView and the Navajo Watershed Research Project. Third Natural Resources Extension Professionals Conference. June 2-7, 2002. Naples, Florida.

Orr, B.J. 2002. Presentation: The Arizona Geospatial Extension Program. Earth Grant Planning Meeting. May 21, 2002. Storrs, Connecticut.

Orr, B.J. 2002. Presentation: The Geospatial Extension Program and Other Resources Available to Tribes. Southwest Indian Agriculture Association (SWIAA) Conference. January 16, 2002. Laughlin, Nevada.

Orr, B.J. 2002. Presentation: The Geospatial Extension Program: Present and Future. Western Region NASA Space Grant Annual Meeting. September 28, 2002. Bozeman, Montana.

Orr, B.J. 2002. Presentation: USGS Geographic Analysis and Monitoring Program Focus Group. July 24, 2002. Las Vegas, Nevada.

Orr, B.J. 2002. Seminar: Operation Geospatial Technologies Seminar: On-Target 2002: A Whole Farm Systems Approach. Remote Sensing 102 and Remote Sensing for Vegetation Monitoring. October 7-11, 2002. Salt Lake City, Utah.

Orr, B.J. 2002. Two-day workshop: RangeView Professional Training for Agency Personnel for 53 natural resource managers from 18 different government agencies. October 4-5, 2002. Tucson, Arizona.

Orr, B.J. 2002. Workshop: RangeView Extension Professionals Workshop for 25 Cooperative Extension agents from Arizona, New Mexico and Utah. May 28, 2002. Tucson, Arizona.

Orr, B.J. 2003. Two-day Workshop: RangeView Professional Training for Agency Personnel for 50 natural resource managers from 12 different government agencies. October 2-3, 2003. Tucson, Arizona.

Orr, B.J. 2003. Arizona Presentation and exhibit: RangeView: Geospatial Tools for Natural Resource Management. Arizona Geographic Information Council 2003. GIS Training and Education Symposium. August 11-13, 2003. Prescott, Arizona.

Orr, B.J. 2003. Honors College Seminar: Technology Transfer: Making Satellite Imagery Operational for Natural Resource Managers. University of Arizona. April 15, 2003. Tucson, Arizona.

Orr, B.J. 2003. Keynote Address: Earth Grant - An Emerging Geospatial Partnership? 1st Annual Geospatial Information Technology Symposium. June 13, 2003. Norman, Oklahoma.

Orr, B.J. 2003. Presentation and poster: WALTER: A Model for Wildfire Alternatives. Southwest Fire Initiative Conference. April 29, 2003. Northern Arizona University, Flagstaff, Arizona.
<http://www.for.nau.edu/research/pzf/swfi/Abstracts.htm#Orr>

Orr, B.J. 2003. Presentation: Application of Geospatial Technology to Invasive Species Management. Sonoran Desert Invasive Species Council Semi-Annual Meeting. April 30, 2003. Tucson, Arizona.

Orr, B.J. 2003. Presentation: Earth Grant: An Emerging Geospatial Partnership? Meeting with Dr. Joseph J. Jen, Under Secretary, Research, Education, Economics, USDA. November 10, 2003. Tucson, Arizona.

Orr, B.J. 2003. Presentation: Earth Grant: An Emerging Geospatial Partnership in Arizona? Western Regional Space Grant Consortium Meeting Geospatial Panel: Working Together with Space Grant. September 27, 2003. Rapid City, South Dakota.

Orr, B.J. 2003. Presentation: On-line Geospatial Resources for Natural Resource Management: RangeView, Arizona Image Archive (ARIA) and Wildfire Alternatives (WALTER). USDA Forest Service Region 3 Geospatial Seminar and Workshop. February 20, 2003. Tucson, Arizona.

Orr, B.J. 2003. Presentation: On-line Watershed Education: The Managing Arid and Semi-Arid Watersheds Website. Connecting Arizona Cooperative Extension Water Programs Conference. December 16-17, 2003. Tucson, Arizona.

Orr, B.J. 2003. Presentation: St. George - RangeView and Rangeland Monitoring. Arizona/Utah Range Livestock Workshop. March 27, 2003. St. George, Utah.

Orr, B.J. 2003. Presentation: RangeView. USDA Forest Service Annual Remote Sensing Steering Committee Meeting. January 15, 2003. Tucson, Arizona.

Orr, B.J. 2003. Presentation: RangeView: Geospatial Range Tools. Southern Arizona Cattleman's Protective Association. March 29, 2003. Tucson, Arizona.

Orr, B.J. 2003. Presentation: WALTER: Exploring Wildfire Alternatives and RangeView: Online Vegetation Dynamics for Rangeland Monitoring. BLM Resource Management Tools Conference. April 24, 2003. Phoenix, Arizona.

Orr, B.J. 2003. Presentation: Web-based Data Analysis, Visualization and Spatial Tools for Semi-Arid Watersheds: Sustainability of Southwest Forest and Woodland Terrestrial Ecological Systems. Open Forum on USDA Forest Service Rocky Mountain Research Station – 4302. January 28, 2003. Flagstaff Arizona.

Orr, B.J. 2003. Seminar: Remote Sensing 102 and Remote Sensing for Vegetation Monitoring. Operation On-Target 2003: A Whole Farm Systems Approach. Geospatial Technologies Seminar. October 6-9, 2003. Salt Lake City, Utah.

Orr, B.J. 2003. Workshop: Invasive Species Field Mapping Workshop. Pocket PC/GIS/GIS training. Sonoran Desert Invasive Species Council. August 21, 2003. Tucson, Arizona.

Orr, B.J. 2003. Workshop: Mohave County - RangeView: New Technology in Satellite Mapping. Mohave County Rangeland Monitoring Workshop. May 14, 2003. Kingman, Arizona.

Orr, B.J. 2003. Workshop: RangeView: New Technology in Satellite Mapping. Reading Your Rangeland. Range Monitoring Workshop. Hualapai Reservation. May 15, 2003. Peach Springs, Arizona.

- Orr, B.J. and G.B. Ruyle. 2003. Presentation: Web Enabled Tools for Range Management. Annual New Mexico Section Society for Range Management Winter Meeting: Application of Technologies for the Management of Rangelands. January 22, 2003. Albuquerque, New Mexico.
- Orr, B.J. and J. Rubio. 2003. Presentation: Geospatial Tools for K-12 Educators Teaching About Landscape Dynamics: Wildfire, Drought and Vegetation Change. Thirteenth Annual Science and Mathematics Conference: Integrating Students Into a Scientific Workforce. April 5, 2003. Tucson, Arizona.
- Orr, B.J. and J. Rubio. 2003. Presentation: Introduction to FIREWISE. FIREWISE Communities Workshop. October 16, 2003. Tucson, Arizona.
- Orr, B.J. and J. Schalaus. 2002. Presentation: Geospatial Technology: Global Positioning System, Geographic Information Systems and Remote Sensing. Master Watershed Steward Program. October 29, 2002. Prescott, Arizona.
- Orr, B.J. and J. Schalaus. 2003. Presentation: Mapping and Documenting Invasive Species Infestations. Southwestern Noxious/Invasive Weed Short Course. July 15-17, 2003. Farmington, New Mexico.
- Orr, B.J. and P. Rasmussen. 2003. Exhibit: Geospatial Extension Programs in Arizona and Utah. Western Region Cooperative Extension Meeting. October 27, 2003. Las Vegas, Nevada.
- Orr, B.J. and S.E. Marsh. 2002. Presentation: RangeView hands-on training. Identifying the Challenges in Rangeland Health Workshop. Idaho State University. November 21, 2002. Pocatello, Idaho.
- Orr, B.J. and S.E. Marsh. 2002. Workshop: Geospatial Data in Support of a Distributed Rangeland Information Network through AgNIC. Western Regional Rangelands Regional Workshop. March 16, 2002. Tucson, Arizona.
- Orr, B.J. and S.E. Marsh. 2003. Workshop: Computer Basics and RangeView workshop for new computer users. ACA/ASC/AWPA Annual Convention Cattle Producers' College. August 5, 2003. Tucson, Arizona.
- Orr, B.J. and T. Mau-Crimmins. 2003. Workshop for GPS and GIS for Invasive Species Mapping. March 14, 2003. Cottonwood, Arizona.
- Orr, B.J. and W.J.D. van Leeuwen. 2002. Booth exhibit: RangeView. Raytheon Synergy Program Exhibit on Capitol Hill. June 5, 2002. Washington, D.C.
- Orr, B.J., A. Rogstad, A. Thwaites, W. Grunberg, S.H. Severson and A. Cockerham. 2003. Poster: WALTER: A Model for Wildfire Alternatives. Galaxy II: A National Conference for All Extension Professionals. September 21-25, 2003. Salt Lake City, Utah.
- Orr, B.J., B. Morehouse, G. Christopherson, T. Swetnam, S. Yool. 2003. Wildfire Alternatives (WALTER) Alpha Test. Tucson, Arizona. Conducted first user test of the Fire-Climate-Society (FCS-1) fire probability/values at risk model. December 4, 2003. Tucson, Arizona.
- Orr, B.J., D. Neary and P. Ffolliott. 2003. Exhibit with USDA Forest Service Rocky Mountain Research Station: Managing Arid and Semi-Arid Watersheds. AWRA 2003. International Water Congress: Watershed Management for Water Supply Systems. June 29- July 2, 2003. New York, New York.

Orr, B.J., D. Rautenkranz and Y. Yamaguchi. 2003. Presentation: Geospatial Tools for Master Watershed Stewards. Master Watersheds Stewards Program. October 23, 2003. Dead Horse Ranch State Park, Arizona.

Orr, B.J., G. Trobia, C.F. Hutchinson, D. Tuttle and S. Drake. 2003. Homeland Security and Geospatial Technology in Arizona I. Homeland Security and Geospatial Technology in Arizona. Tucson, October 30, 2003. Flagstaff, November 4, 2003. Phoenix, November 19, 2003.

Orr, B.J., G. Trobia, C.F. Hutchinson, D. Tuttle and S. Drake. 2003. Homeland Security and Geospatial Technology in Arizona II. Homeland Security and Geospatial Technology in Arizona. Tucson, October 30, 2003. Flagstaff, November 4, 2003. Phoenix, November 19, 2003.

Orr, B.J., G. Trobia, C.F. Hutchinson, D. Tuttle and S. Drake. 2003. Homeland Security and Geospatial Technology in Arizona III. Homeland Security and Geospatial Technology in Arizona. Tucson, October 30, 2003. Flagstaff, November 4, 2003. Phoenix, November 19, 2003.

Orr, B.J., L. Baker and J. Rubio. 2003. Exhibit: RangeView for Environmental Education. Arizona Association for Environmental Education Biannual Conference. September 19, 2003. Tucson, Arizona.

Orr, B.J., L. Baker, N. Sanova, C. de Rosas and M. Hertzfeld. 2003. GPS/GIS/Remote Sensing Workshop. Navajo Watershed Research Project Geospatial Technology Workshop. June 2-5, 2003. Tucson, Arizona.

Orr, B.J., S. Brew, H. Reed, L. Baker and L. Egan. 2003. Presentation: NASA Space Grant Undergraduate Research Internship Program in Arizona. 29th Annual International Symposium and Career Fair for the Society of Mexican American Engineers and Scientists. October 31, 2003. Phoenix, Arizona.

Orr, B.J., S.H. Severson, W. Grunberg and A. Thwaites. 2003. Poster: WALTER: A Model for Wildfire Alternatives. Southwest Fire Initiative Conference. April 29, 2003. Northern Arizona University. Flagstaff, Arizona.

Orr, B.J., T. Mau-Crimmins, L. Baker and C. de Rosas. 2003. Tonto Weed Management Area Invasive Species Mapping Workshop. May 27-28, 2003. Young, Arizona.

Orr, B.J., T. Mau-Crimmins, L. Baker and M. Smith. 2003. Tonto Weed Management Area Invasive Species Mapping Workshop. Phase II and III. December 11, 2003 and January 8, 2004. Tonto Basin, Arizona.

Orr, B.J., W. Grunberg, A. Thwaites and S.H. Severson. 2003. Presentation: FIREWISE - WALTER: A Model for Wildfire Alternatives. Arizona Firewise Educator's Workshop. February 18-19, 2003. Payson, Arizona.

Orr, B.J., Y. Kudo and T. Teegerstrom. 2002. Presentation: Precision Agriculture. Annual Desert Crop Workshop, Yuma County Cooperative Extension and Western Farm Press. December 4, 2002. Yuma, Arizona. (http://cals.arizona.edu/crops/presentations/adw02/B.Orr_PrecisionAg.pdf)

Orr, B.J., Y. Yang and Y. Yamaguchi. 2003. Presentation: Geospatial Tools for Master Watershed Stewards. Master Watersheds Stewards Program. March 4, 2003. Sierra Vista, Arizona.

- Quanrud, D. 2002. Reclaimed Water: Fate of Organics in Soil-Aquifer Treatment and Constructed Wetland Systems. USDA Water Conservation Laboratory, Phoenix, Arizona. October 2, 2002.
- Quanrud, D., K.E. Lansey and R.G. Arnold. 2002. Invited Lecture: Fate of Organics during Soil Aquifer Treatment: Fractionation and Chemical Characterization Studies. Quentin Mees Award Presentation. Arizona Water Pollution Control Association Annual Meeting. May 2, 2002. Mesa, Arizona.
- Ruyle, G.B., B.S. Hutchinson, M. Haddock and K. Sanders. 2003. Presentation: Building a Western Regional Rangelands Web Resource: An AgNIC Initiative. Society for Range Management Conference. University of Wyoming. January 31-February 4, 2003. Casper, Wyoming.
- Seidel, G., J. Wilson, R.G. Arnold, C.P. Gerba, M.M. Karpiscak and D.M. Quanrud. 2002. Use of a Cell Proliferation Assay (E-Screen) to Assess Xenobiotics in Reclaimed Water Before and After Wetland Treatment. AWWA Endocrine Disruptors and the Water Industry Symposium. April 18-20, 2002. Cincinnati, Ohio.
- Tabor, J.A., L. Shubitz, M. Orbach, R. Perrill and M. Lebowitz. 2003. Ecological Study of Canine Valley Fever to Assess Environmental Antecedents of Disease. 47th Annual Coccidioidomycosis Study Group Conference. Mayo Clinic. April 5, 2003. Scottsdale, Arizona.
- Tabor, J.A. 2002. *Ethnopedological Surveys: An Example from the Senegal River Valley*. International Arid Lands Consortium conference and workshop Assessing Capabilities of Soil and Water Resources in Drylands: The Role of Information Retrieval and Dissemination Technologies. November 10, 2002. Tucson, Arizona.
- Tabor, J.A. 2003. Guest Lecturer: Arid Lands 595A colloquium. Presided over two sessions on Food Security in Arid Lands. University of Arizona. Tucson, Arizona.
- Tabor, J.A. 2003. Guest Lecturer: CPH 433 Global Health. Appropriate Technology: Interpretation of Health Problems Among Various Populations in Multicultural Settings, Both Nationally and Internationally. University of Arizona. Tucson, Arizona.
- Tabor, J.A. 2003. Guest Lecturer: Ethnopedology. Lecture SWES 431/531: Soil Morphology, Classification and Interpretation. University of Arizona. Tucson, Arizona.
- Tabor, J.A. 2003. Guest Lecturer: Using GIS in public health research. Lecture CPH 541 Community Assessment and Analysis. University of Arizona. Tucson, Arizona.
- Tabor, J.A., M. Orbach, L. Shubitz, C.F. Hutchinson, M.K. O'Rourke and M. Lebowitz. 2003. Presentation: Disease Prevention through Detection of *Coccidioides immitis* in the Environment. Association of Teachers of Preventive Medicine's 61st Annual Meeting. March 27-29, 2003. Albuquerque, New Mexico.
- van Leeuwen, W.J.D. 2002. Exhibit: Arizona Remote Sensing Center: Current Research and Project Activities. Arizona Geographic Information Council (AGIC) Conference. August 5-7, 2002. Mesa, Arizona.
- van Leeuwen, W.J.D. 2002. Exhibit: RangeView Raytheon Synergy Workshop. June 4-6, 2002. Landover, Maryland.

- van Leeuwen, W.J.D. 2002. Presentation: An Infomart for Natural Resources: EOS Science Results and Data for Public Land Management in the Southwestern United States. International Symposium on Remote Sensing of the Environment Information for Sustainability and Development. April 8-12, 2002. Buenos Aires, Argentina.
- van Leeuwen, W.J.D. 2002. RangeView Professional Training for Agency Personnel. October 4-5, 2002. Tucson, Arizona.
- van Leeuwen, W.J.D. 2002. RangeView: Extension Professionals Training. May 28, 2002. Tucson, Arizona.
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