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Land Use and Planning Report



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GROWTH-RELATED RESOURCES FOR OUTREACH PROGRAMMING

Eric Biltonen and Andy Seidl¹

- Addressing growth is an Important programming area for outreach educators.
- Educators contribute on several levels: Awareness, Assessment, Appraisal and Action.

Population growth can create complex challenges and opportunities to individuals, families, neighborhoods, communities and larger geographical and political regions. Professionals with educational outreach responsibilities surrounding issues of growth may take on a variety of roles. Fortunately, there is an abundance of resources available to help outreach professionals to fulfill their many potential roles in addressing issues of growth.

In this document, four broad types of roles that outreach professionals take on throughout the growth decision-making process are defined. These roles are:

- Awareness;
- Assessment;
- Alternatives; and
- Action.

An outreach educator may be called upon to participate in growth decisions at any stage in the process. A number of primary sources of tools, information and other resources to facilitate programming around each of these four roles are provided in this document. Potential resources include web-based information, written outputs, audio-visual products (Tables 1-4), and locally available human resources (Appendix 1).

Awareness

Outreach educators can fulfill an important role in increasing individual and community awareness regarding growth issues. In order to increase awareness, educators may require skills in facilitation, moderation, conflict resolution, public issues education, public participation, and networking methods, for example. In order to increase awareness, objective research based information and relevant data may be required. Table 1 provides sources for each of these areas of need in the awareness creation process.

Assessment

The logical result of increased awareness of the potential influences of growth on individuals, families and communities is to generate an assessment of the current situation. At this stage in the addressing growth decisions process, the outreach educator might be called upon to conduct and/or analyze community

Graduate Research Assistant and Assistant Professor and Extension Economist—Public Policy, Department of Agricultural and Resource Economics, Colorado State University, Ft. Collins, CO, 80523-1172. Comments and questions to: 970-491-7071 or Andrew.Seidl@colostate.edu.

Extension programs are available to all without discrimination.

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Category	Resource Description	Resource location/contact information/Title
Public	Heartland Center for Leadership Development	The Heartland Center: http://www.4w.com/heartland/
participation	Directory of Colorado's Soil Conservation	Colorado Soil Conservation Disctricts Directory:
	Districts	http://cascd.com/DistrictAddresses.htm
	The Kettering Foundation: Research to test strategies so that citizens can more effectively govern themselves.	http://www.kettering.org/index.html
	Colorado State County Cooperative Extension Offices	http://www.colostate.edu/Depts/CoopExt/COOP/ctylist.html
	"Leadership: Getting it Done" by Rex Campbell. Online book dealing with the building of leadership skills.	http://www.ssu.missouri.edu/faculty/rcampbell/Leadership/default htm
	Center of Excellence for Sustainable Development	http://www.sustainable.doe.gov/landuse/civic.shtml
Education	Movie: Subdivide and Conquer: A Modern Western	http://www.bullfrogfilms.com/catalog/sub.html
	Description of current conservation issues and activities including the Federal Agricultural Improvement and Reform Act of 1996	Soil and Water Conservation Issues: http://www.cnie.org/nle/ag- 18.html
	Special Libraries in Colorado, by subject, locations	http://www.virtualref.com/_slic/default.htm
Education	American Farmland Trust - Farmland Information Library	http://www.farmlandinfo.org/fic/home.html
	Lincoln Institute of Land Policy: Research and reports related to land use and tax policies	http://www.lincolninst.edu/main.html
	This online Sprawl Guide is designed to familiarize you with key issues associated with sprawl, and direct you to some of the wealth of information available on the Web.	Sprawl Guide: http://www.plannersweb.com/sprawl/home.html
	Brief descriptions and contact information on water conservation projects in Colorado	USBR Water conservation projects in Colorado: http://www.usbr.gov/wrrl/rwc/uc/uc_colorado.html
Facilitation	Main web page for the EPA Region 8	EPA Region 8 web site: http://www.epa.gov/region08/
Data	Basic primer on urban sprawl	Urban Sprawl by Donald C. Williams
	Colorado by the Numbers: Statistical databases related to Colorado	http://www.colorado.edu/libraries/govpubs/online.htm
	Demography data for Colorado from the Colorado Division of Local Government	http://www.dlg.oem2.state.co.us/demog/demog.htm
	Reading list for self learning	http://www.ces.ncsu.edu/depts/agecon/PIE/selected-reading.html

needs, social impact, resource, land use, and economic impact assessments. They may be called upon to evaluate current plans or utilize qualitative or quantitative data to provide an objective view of the current state of affairs. Table 2 provides a number of helpful sources surrounding the assessment of individual and community needs and impacts surrounding issues of growth.

Alternatives

Having understood the current situation, it is appropriate to explore and project the implications of the great variety of means with which individuals, families and communities might address growth decisions. In this stage of the growth decision process, outreach educators may be asked to provide a compendium of the alternatives available to reach the objectives and needs

Category	Resource Description	Resource location/contact information/Title
Community needs assessment	Case studies in extension education	http://www.ces.ncsu.edu/depts/agecon/PIE/PIDR/surveylis .htm
	Colorado Watershed Protection Efforts	Colorado Watershed Protection Efforts: http://waterknowledge.colostate.edu/colorado watershed1. htm
	Example of needs assessment plan	http://www.cnr.colostate.edu/~bobw/LandCenter/Socprop htm
	Community Tourism Assessment Handbook	http://www.montana.edu/wwwwrdc/
Social impact assessment	21st Century Community Assessment	http://www.dced.state.ut.us/21century/index.html
	Provides a how to approach to community level social impact assessment.	A Community Guide to Social Impact Assessment by Rabel Burdge, 1999
	Provides a more theoretical approach to social impact assessment.	A Conceptual Approach to Social Impact Assessment by Rabel Burdge, 1998
Resource assessment	Provides alternative design strategies and an overview of land development issues.	A Concise Guide to Community Planning by: Gerald A. Porterfield and Kenneth B. Hall, Jr.
	Colorado's Natural Resources Online: Including water, wildlife, land board, parks, oil, and soil	http://www.dnr.state.co.us
	Structured Analysis Methodology (SAM), sustainable ecology	http://www.cnr.colostate.edu/~bobw/LandCenter/sustain1. pdf
Land use assessment	Collaborative ecosystem management, Structured Analysis Methodology	http://www.cnr.colostate.edu/~bobw/a/i/index.htm
	US National Assessment of the Potential Consequences of Climate Variability	http://www.nacc.usgcrp.gov/

that were identified during the assessment stage. They may be asked to evaluate the efficacy of various tools and approaches given the social, political, economic, and natural environment of the community or the preferences and needs of the individual. The strategic planning framework could be considered the overview term that describes the evaluation of such alternatives at the community or county level. However, strategic planning is considered in its broadest sense here. Table 3 provides references to growth related tools to assess alternatives at the individual through the state and federal governmental level.

Action

Once the objectives have been defined and the available alternatives have been evaluated, a strategy for the formation and implementation of a plan may be requested of the outreach professional. We know where we are, what our objectives are, what alternatives are available, and now we would like to proceed to put a plan into place that will allow us to reach our objectives. Table 4 reviews a number of sources of information regarding the strategic planning process, and sources of financial and technical support to facilitate growth decisions.

Conclusions

In Colorado, outreach educators will be called upon to help individuals and communities address growth decisions. In order to facilitate informed contributions of outreach educators in this process, four distinct roles in addressing growth decisions were described. A primer on the resources available under each of these roles was provided. This is neither an exhaustive list nor a time independent document. Outreach professionals are encouraged to use this information as a point of

Category	Resource Description	Resource location/contact information/Title
	A Guide to Land Evaluation and Area Review (LEAR) for Agriculture. Working draft from 1997	A Guide to Land Evaluation and Area Review (LEAR) for Agriculture: http://www.gov.on.ca/OMAFRA/english/landuse/facts/lear .htm
	Colorado Department of Local Affairs	Colorado Department of Local Affairs: http://www.dlg.oem2.state.co.us/
	Sonoran Conservation Assistance Tools	http://www.sonoran.org/cat/default.asp
	Development	http://www.4w.com/heartland/
Local government tools		Holding Our Ground: Protecting America's Farms and Farmland by: Tom Daniels and Deborah Bowers
	Document describing organization and legal agreements to protect agricultural land, compensate landowners for fair land development potential, and adjust to changing growth and land use patterns	Organizations and legal agreements: http://www.ag.state.co.us/resource/documents/silbersteins %20paper.PDF
	Sonoran community stewardship exchange	http://www.sonoran.org/
	Colorado Growth Management Toolbox: Good listing of various tools with associated advantages and disadvantages	http://www.dlg.oem2.state.co.us/fs/toolindx.htm
General policy	Growing Smart SM Legislative Guidebook: Model Statutes for Planning and the Management of Change, Phases I and II Interim Edition (Chicago: APA Planners Press, September 1998)	http://www.planning.org/plnginfo/growsmar/guidebk.html
	National Center for Agricultural Law Research and Information	http://law.uark.edu/arklaw/aglaw/about.htm
		Creating Successful Communities: A guidebook to Growth Management Strategies - The Conservation Foundation
State and Federal Tools		Saving American Farmland: What Works - American Farmland Trust
	USDA Rural Economic Development Action Team Partnershipping Toolbox	http://www.rurdev.usda.gov/redat/toolbox.html
	Rural Policy Research Institute	http://www.rupri.org/index.html

Table 4: Resources for facilitating action on growth issues				
Category	Resource Description	Resource location/contact information/Title		
Strategic planning process		Colorado Association of Home Builders		
	Strategic Planning Process FAQ	http://www.allianceonline.org/faqs/sp_main.html		
	Public Issues Education	http://www.ces.ncsu.edu/depts/agecon/PIE/		
Project funding		<u>Colorado Farm Service Agency:</u> http://www.fsa.usda.gov/co/		
	Great Outdoors Colorado Trust Fund	http://www.goco.org/		

initiation, but to increase the sources used and inform other outreach educators of the best resources for each of their potential roles as our experience and expertise in addressing growth issues develops over time.

Appendix 1: Colorado Land Use & Agricultural Land Conversion:

Contacts and Organizations²

Nonprofit Organizations

American Farmland Trust

Rocky Mountain Field Office Jeff Jones, Field Director P.O. Box 328 320 South Main Palisade, CO 81526 Phone: (970) 464-4963 Email: jjones@farmland.org

Colorado Field Office Ben Way, Outreach & Development Coord. 236 Linden Street Fort Collins, CO 80524 Phone: (970) 484-8988 Email: <u>bway@farmland.org</u>

National Office 1200 18th Street, NW, Suite 800 Washington, DC 20036 Phone: (202) 331-7300 Web site: www.farmland.org

Farmland Information Center Web site: <u>www.farmlandinfo.org</u> Help Line: (413) 586-4593

Colorado Cattleman's Agricultural Land Trust

Lynne Sherrod, Executive Director 8833 Ralston Road Arvada, CO 80002 Phone: (303) 431-6422 Email: <u>ccaglt@aol.com</u> Web site: <u>www.cca.beef.org/pages/ccalt-home.htm</u>

Colorado Coalition of Land Trusts Jane Ellen Hamilton, Executive Director 710 10th Street, Suite 117 Golden, CO 80401 Phone: (303) 271-1577 Email: janeh@cclt.org Web site: www.cclt.org

Colorado Farm Bureau

Ray Christensen, Public Affairs Director 9177 Mineral Circle P.O. Box 5647 Denver, CO 80112 Phone: (303) 749-7500 Web site: www.colofb.com

Colorado Open Lands

Dan Pike, President 274 Union Blvd., Suite 320 Lakewood, CO 80228 Phone: (303) 988-2373 Email: <u>dpike@coloradoopenlands.org</u> Web site: <u>www.coloradoopenlands.org</u>/

The Conservation Fund

Western Regional Office Sydney Macy, Colorado Director 1942 Broadway, Suite 323 Boulder, CO 80302 Phone: (303) 444-4369 Email: syd@tcf-colorado.org Web site: www.conservationfund.org

Gunnison Ranchland Conservation Legacy

Charlene Hernandez/Joseph A. Milan, Executive Directors 307 North Main, Suite 2A Gunnison, CO 81230 Telephone: (970) 641-4386

Land Trust Alliance

Chris Hermann, Western Region Director 115 North Fifth Street, Suite 500 Grand Junction, CO 81501 Phone: (970) 245-5811 Email: cthltawr@aol.com Web site: <u>www.lta.org/swnews.html</u>

Larimer Land Trust

Alisa Wade, Executive Director 236 Linden Street Fort Collins, CO 80524 Phone: (970) 266-1711 Email: <u>llt@verinet.com</u>

² The authors thankfully acknowledge the contribution of Martha Sullins of the American Farmland Trust for the majority of this section.

Mesa Land Trust

Rob Bleiberg, Administrator P.O. Box 1246 Palisade, CO 81526 Phone: (970) 464-5750 Email: <u>mesaland@acsol.net</u>

The Nature Conservancy of Colorado

Colorado Field Office Mark Burget, State Director 1881 Ninth Street, Suite 200 Boulder, CO 80302 Phone: (303) 444-2950 Web site: <u>www.tnc.org</u>

Western Regional Office Dennis Donald, Vice President 2060 Broadway, Suite 230 Boulder, CO 80302 Phone: (303) 444-1060

Rio Grande Headwaters Land Trust

Julia Gallegos, Executive Director 0881 North Highway 285 Monte Vista, CO 81144 Telephone: (719) 852-4015 E-mail: <u>right@fone.net</u>

Rocky Mountain Farmers Union

Dave Carter, President 10800 East Bethany Drive, 4th Floor Aurora, CO 80014 Phone: (303) 752-5800 Email: <u>rmfu@aol.com</u>

Rocky Mountain Land Use Institute

7150 Montview Blvd., Suite 122 Denver, CO 80220 Phone: (303) 871-6319

The Sonoran Institute

Tucson Office Luther Probst, Director 7650 E. Broadway Blvd., #203 Tucson, AZ 85710 Phone: (520) 290-0828 Web site: <u>www.sonoran.org</u> Email: <u>sonoran@sonoran.org</u>

Lee Nellis, Director of Land Use Policy Phone: (520) 290-0828 Email: <u>losencinos@theriver.com</u> Northwest Office Ray Rasker, Office Director 201 S. Wallace, Box 12, Suite B3C Bozeman, MT 59715 Phone: (406) 587-7331

The Trust for Public Land

Doug Rebotham, Colorado State Director 1410 Grant Street, B 304 Denver, CO 80203 Phone: (303) 837-1414 Email: Doug.Robotham@tpl.org Web site: www.tpl.org/nearu/swro/swhome.html

Western Governors' Association

James Souby, Director 1515 Cleveland Place, Suite 200 Denver, CO 80202-5114 Phone: (303) 623-9378 Web site: <u>www.westgov.org/</u>

Valley Land Conservancy

Tony Hoag, Executive Director 12260 6450 Road Montrose, CO 81401 Phone: (970) 249-3564 E-mail: tonyhoag@independence.net

Western Colorado Congress

Tom Perlic, Director 600 White Ave., Suite 205 Grand Junction, CO 81502 Tel: (970) 256-7650 Email: <u>info@wccongress.org</u> Web site: <u>www.wccongress.org</u>

Yampa Valley Land Trust

Susan Dorsey Otis P.O. Box 773014 Steamboat Springs, CO 80477 Telephone: (970) 879-7240 E-mail: yvltsdo@cmn.net

State Agencies

Colorado Department of Agriculture David Carlson, Resource Analyst 700 Kipling Street, Suite 4000 Lakewood, CO 80215 Phone: (303) 239-4112 Email: dcarlsonag@juno.com Web site: www.ag.state.co.us

Colorado Department of Local Affairs

Bob Brooks, Executive Director 1313 Sherman Street, Room 323 Denver, CO 80203 Phone: (303) 866-2771 Web site: www.dola.state.co.us/index.htm

Charles Unseld Land use planning/Smart Growth Phone: (303) 866-2353 Email: <u>charles.unseld@state.co.us</u>

Andy Hill Land use planning/West Slope Phone: (970) 248-7316 Email: <u>andy.hill@state.co.us</u>

Colorado Department of Natural Resources

Ron Cattany, Deputy Director 1313 Sherman Street, Room 718 Denver, CO 80203 Phone: (303) 866-3311 Email: <u>ron.cattany@state.co.us</u>

Colorado Division of Wildlife

Russell George, Director Denver Regional Service Center 6060 Broadway Denver, CO, 80216 Phone: (303) 297-1192 Web: http://www.dnr.state.co.us/wildlife/

Steve Porter, Habitat Partnership Program Coordinator 6060 Broadway Denver, CO 80216 Phone: (303) 291-7335 E-mail: steve.porter@state.co.us

John Seidel, Ranching For Wildlife Coordinator Phone: (970) 963-1976 Email: john.seidel@state.co.us

Colorado State Soil Conservation Board

Robert Zebroski, Conservation Specialist 1313 Sherman Street, Room 219 Denver, CO 80203 Phone: (303) 866-2100 Web site: www.ag.state.co.us/soils/soils.html

Colorado State University--Cooperative Extension Milan Rewerts, Director 1 Administration Colorado State University Fort Collins, CO 80523 Phone: (970) 491-6281 Email: <u>mrewerts@vines.colostate.edu</u> Website: <u>www.colostate.edu/Depts/CoopExt</u>.

CSU—CE: County Information Service

Elizabeth Garner, Extension Statistics Specialist C-307 Clark Building Colorado State University Ft. Collins, CO, 80523-1172 Phone: (970) 491-5706 Fax: (970) 491-2067 E-mail: ehornbro@lamar.colostate.edu

CSU: Dept of Agricultural & Resource Econ.

Andrew Seidl, Assistant Professor and Extension Economist—Public Policy B334 Clark Building Colorado State University Fort Collins, CO 80523-1172 Phone: (970) 491-7071 Email: aseidl@ceres.agsci.colostate.edu Web: http://dare.agsci.colostate.edu/extension/ pubs.html

CSU: Fishery and Wildlife Biology

Delwin E. Benson, Professor Colorado State University Fort Collins, CO 80523 Telephone: (970) 491-6411 Fax: (970) 491-5091 Email: <u>delben@cnr.colostate.edu</u>

Richard L. Knight, Professor Colorado State University Fort Collins, CO 80523 Office: (970) 491-6714 FAX: (970) 491-5091 Email: knight@cnr.colostate.edu

CSU: Natural Resource Ecology Lab

Diana Wall, Director Natural and Environmental Sciences Building, Room B203 Colorado State University Fort Collins, CO 80523-1499 Phone: (970) 491-2504 Email: <u>diana@NREL.ColoState.EDU</u> Web: www.nrel.colostate.edu/NREL.html

CSU: Natural Resource Recreation & Tourism

George Wallace, Associate Professor Colorado State University Fort Collins, CO 80523-1480 Phone: (970) 491-5165 Email: georgew@cnr.colostate.edu

CSU: Rangeland Ecosystem Sciences

John Ortmann, Extension Specialist and Assistant Professor Rm. 238E Natural Resources Bldg. (970) 491-1907 E-mail: jortmann@cnr.colostate.edu

Robert G. Woodmansee, Professor 240E Natural Resources Building Fort Collins, CO 80523-1478 Phone: (970) 491-6677 Fax: (970) 491-2339

Great Outdoors Colorado Trust Fund

Lise Aangeenbrug, Acting Deputy Director 1600 Broadway, Suite 1650 Denver, CO 80202 Phone: (303) 863-7522 Email: <u>info@goco.org</u> Web site: www.goco.org

Wildlife Habitat Management Institute

Wendell Gilgert, Wildlife Biologist Department of Fishery and Wildlife Biology Colorado State University Fort Collins, CO 80523 Phone: (970) 491-4340 Email: <u>wgilgert@cnr.colostate.edu</u> Website: <u>www.ms.nrcs.usda.gov/whmi</u>

Federal Agencies

U.S. Department of Agriculture-Colorado Natural Resources Conservation Service Gary Finstad, Community Planner 655 Parfet Street, Room E-300 Lakewood, CO 80215-5517 Phone: (303) 236-2903 x260 Email: <u>gary.finstad@co.usda.gov</u>