



Agricultural and Resource Policy Report

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Growth-Related Resources for Outreach Programming

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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.

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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 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 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 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.

Category	Resource Description	Resource location/contact information/Title
Public participation	Heartland Center for Leadership Development	The Heartland Center: http://www.4w.com/heartland/
	Directory of Colorado's Soil Conservation Districts	Colorado Soil Conservation Districts Directory: 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

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/surveylist.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/

Table 3: Resources to explore growth alternatives

Category	Resource Description	Resource location/contact information/Title
Non-government and landowner tools	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
	Heartland Center for Leadership Development	http://www.4w.com/heartland/
Local government tools	Tools to protect resources and strategies for improving participation in the decision making process	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
	Formation and implementation of farmland protection strategies	Creating Successful Communities: A guidebook to Growth Management Strategies - The Conservation Foundation
State and Federal Tools	Farmland protection and conservation tools	Saving American Farmland: What Works - American Farmland Trust
	USDA Rural Economic Development Action Team Partnershiping 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	Government affairs effecting growth	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	Colorado Farm Service Agency	Colorado Farm Service Agency: http://www.fsa.usda.gov/co/
	Great Outdoors Colorado Trust Fund	http://www.goco.org/

Appendix 1: Colorado Land Use & Agricultural Land Conversion:

Contacts and Organizations¹

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: bway@farmland.org

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: www.farmlandinfo.org
 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: ccaglt@aol.com
 Web site: www.cca.beef.org/pages/ccalt-home.htm

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: dpike@coloradoopenlands.org
 Web site: www.coloradoopenlands.org/

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: www.lta.org/swnews.html

¹ The authors thankfully acknowledge the contribution of Martha Sullins of the American Farmland Trust for the majority of this section.

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Mesa Land Trust

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The Nature Conservancy of Colorado

Colorado Field Office
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 1881 Ninth Street, Suite 200
 Boulder, CO 80302
 Phone: (303) 444-2950
 Web site: www.tnc.org

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

Rio Grande Headwaters Land Trust

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 0881 North Highway 285
 Monte Vista, CO 81144
 Telephone: (719) 852-4015
 E-mail: right@fone.net

Rocky Mountain Farmers Union

Dave Carter, President
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 Aurora, CO 80014
 Phone: (303) 752-5800
 Email: rmfu@aol.com

Rocky Mountain Land Use Institute

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

The Sonoran Institute

Tucson Office
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 7650 E. Broadway Blvd., #203
 Tucson, AZ 85710
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Lee Nellis, Director of Land Use Policy
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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

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 1410 Grant Street, B 304
 Denver, CO 80203
 Phone: (303) 837-1414
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 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: www.westgov.org/

Valley Land Conservancy

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 Montrose, CO 81401
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Western Colorado Congress

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 Web site: www.wccongress.org

Yampa Valley Land Trust

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State Agencies

Colorado Department of Agriculture

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Colorado Department of Local Affairs

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Andy Hill
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Colorado Division of Wildlife

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 Web: <http://www.dnr.state.co.us/wildlife/>

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

John Seidel, Ranching For Wildlife Coordinator
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Colorado State Soil Conservation Board

Robert Zebroski, Conservation Specialist
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 Denver, CO 80203
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 Web site: www.ag.state.co.us/soils/soils.html

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CSU—CE: County Information Service

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CSU: Dept of Agricultural & Resource Econ.

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CSU: Fishery and Wildlife Biology

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CSU: Natural Resource Ecology Lab

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 Web: www.nrel.colostate.edu/NREL.html

CSU: Natural Resource Recreation & Tourism

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CSU: Rangeland Ecosystem Sciences

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Great Outdoors Colorado Trust Fund

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Wildlife Habitat Management Institute

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Federal Agencies

U.S. Department of Agriculture-Colorado

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