



PLAN Jeffco

Working to conserve Jefferson County Open Spaces since 1972

THE NEXT 40 YEARS: JEFFCO OPEN SPACE CONSERVATION CONFERENCE

November 16, 2013

9:00 am – 1:30 pm

Jefferson County Fairgrounds

Program Schedule

8:30 am	Registration and Breakfast Snacks
9:00 am	Introduction Margot Zallen, Chair of PLAN Jeffco
9:05 -10:30 am	Session 1: Recreation, Health, and Demographic Trends Amy Ito – 2013 Jefferson County Open Space Master Plan Process Scott Babcock – Outdoor Recreation and Participation Trends in the Front Range Dr. Mark Johnson – Health and the Outdoors Dr. Kevin Trenberth – The Science of Climate Change
10:30 to 11:00 am	Questions
11:00 to 11:15 am	Break
11:15 – 12:35 pm	Session 2: Planning for Conservation in a Climate Change World Grant Nülle – Economic and Demographic Trends in the Denver Region John Sovall/Pam White– Jefferson County Survey of Critical Biological Resources/ The Benefits of Conserving Biodiversity Stretching and Refreshment break Dr. Sarah Reed/Dr. Sarah Thomas – Balancing Recreational Access and Conservation Objectives in Open Space Programs Dr. Mat Aldridge – Impacts of Humans on Wildlife in the Front Range
12:35 to 1:00 pm	Questions
1:00-1:15 pm	Wrap up

Sponsors and Supporters

This conference is co-sponsored by the Jefferson County Open Space Division & the Jeffco Open Space Foundation. The following groups are also providing support for this conference:

Audubon Society of Greater Denver
Canyon Area Residents for the Environment
Clear Creek Land Conservancy
Colorado Chapter- American Planning Assoc
Colorado Mountain Club
Colorado Open Lands
Colorado Wildlife Federation
Denver Mountain Parks Foundation

Douglas Land Conservancy
Friends of the Foothills
Jefferson County Historical Society
League of Women Voters of Jefferson County
Mountain Area Land Trust
Save the Mesas
SOLVE
Wilderness Awareness and Education Institute

Presenter Biographies

Amy Ito

Ms. Ito manages design, planning, real estate and construction staff, and consultants who develop plans for acquisition proposals, park management planning and reporting, construction and associated capital budget plans, as well as the Department's Master Plan. She has worked for Jefferson County for 10 years. Prior to Jefferson County, Amy was the Community Development Director for the Town of Frisco for 11 years, overseeing the building and planning departments. She has a Master's degree in Urban and Regional Planning (MURP), from the University of Colorado at Denver (UCD), and her Bachelor of Arts degree in Environmental Studies, from the University of California at Santa Cruz (UCSC).

Scott Babcock

Scott Babcock is Planning Manager for Colorado Parks and Wildlife. Scott is a native Coloradan that developed a lifelong passion for parks and wild, open spaces at an early age. That same passion led him to a career in land use, natural resource, and outdoor recreation planning. Scott has served for over seven years as planning manager at Colorado Parks and Wildlife, where he has worked on a variety of park management plans, statewide and regional outdoor recreation plans, and Division-wide strategic planning efforts. He also spent seven years in the private sector as a natural resource planner. Scott graduated from the University of Colorado, Boulder with BS degrees in Biology and Environmental Science and has a Masters of Environmental Management degree in Resource Economics and Policy from Duke University. In his free time, Scott enjoys hiking, fishing, camping, bicycling, and generally spending time outdoors with his wife, Kelly, and two children (Claire (8) and Tyler (7)).

Dr. Mark B. Johnson

Dr. Johnson has been the Executive Director of the Jefferson County Department of Health and Environment since April, 1990. He was raised in Grand Junction, Colorado, and attended Champion Academy, in Loveland, Colorado, and Pacific Union College, in northern California, before going to medical school at Loma Linda University in southern California. He has served for three years as a Commissioned Officer in the U.S. Public Health Service in the National Health Service Corps, and was discharged as a Lt. Colonel after serving for seven years in the Army Reserves.

Dr. Johnson received his medical specialty training and Masters of Public Health degree at Johns Hopkins University in Baltimore, Maryland, and became board certified in Preventive Medicine and Public Health in 1988. He served as the Medical Director for the Center for Health Promotion at Loma Linda University, then as the Director for Preventive Medicine Services and State Epidemiologist in Wyoming before moving back to Colorado in 1990.

He is the past President of the American College of Preventive Medicine, has been the President of both the Wyoming and Colorado Public Health Associations, and has served as the Secretary and Treasurer of the American Board of Preventive Medicine. He is the past Chair of the Preventive Medicine Residency Review Committee for the Accreditation Council for Graduate Medical Education (ACGME), and the past Chair of the Governing Board of the American Journal of Preventive Medicine. He currently serves on the Executive Committee for the Board of Trustees for the Adventist Health System in Orlando, Florida, and is on the Centura Health System Board of Trustees in Denver, Colorado.

Dr. Johnson was a member of the steering committee for the establishment of the Colorado School of Public Health, serving as the Designated Institutional Official for its medical residency programs, and teaches a course in the school on the history of public health. Economic & Demographic Trends in the Denver Region.

Grant Nülle

Grant Nülle is a Macroeconomist at the State Demography Office, Colorado Department of Local Affairs. Grant produces Colorado job estimates and forecasts by industry region, and county. He also produces base industry analyses to determine economic drivers by Colorado county. Grant is responsible for forecasting State Severance Tax and Federal Mineral Lease collections arising from oil and gas production that are used for program planning within the Department. Prior to joining the State Demography Office, Grant worked as a fiscal and economic policy director for the Arizona House of Representatives. A native of Wyoming, Grant earned his MBA from the University of Arizona, his MS in Mineral & Energy Economics from Colorado School of Mines, and is a Ph.D. candidate currently writing his dissertation in the same program.

Dr. Kevin E. Trenberth

Kevin Trenberth is a Distinguished Senior Scientist in the Climate Analysis Section at the National Center for Atmospheric Research. From New Zealand, he obtained his Sc. D. in meteorology in 1972 from Massachusetts Institute of Technology. He was a lead author of the 1995, 2001 and 2007 Scientific Assessment of Climate Change reports from the Intergovernmental Panel on Climate Change (IPCC), and shared the 2007 Nobel Peace Prize which went to the IPCC. He served from 1999 to 2006 on the Joint Scientific Committee of the World Climate Research Programme (WCRP), and he chaired the WCRP Observation and Assimilation Panel from 2004 to 2010 and now chairs the Global Energy and Water Exchanges (GEWEX) scientific steering group. He has also served on many national committees. He is a fellow of the American Meteorological Society (AMS), the American Association for Advancement of Science, the American Geophysical Union, and an honorary fellow of the Royal Society of New Zealand. In 2000 he received the Jule G. Charney award from the AMS; in 2003 he was given the NCAR Distinguished Achievement Award; and in 2013 he was awarded the Prince Sultan Bin Abdulaziz International Prize for Water. He edited a 788 page book Climate System Modeling, published in 1992 and has published 500 scientific articles or papers, including 53 books or book chapters, and over 225 refereed journal articles. He has given many invited scientific talks as well as appearing in a number of television, radio programs and newspaper articles. He is listed among the top 20 authors in highest citations in all of geophysics.

John Sovall/Pam Smith

John Sovell is a Biologist/Ecologist at the Colorado Natural Heritage Program, Colorado State University. Mr. Sovell acquired a Master's Degree in Zoology from the University of Alberta and B.S. in Wildlife Management from the University of Minnesota. Currently he is involved in

numerous projects associated with the conservation of sensitive and rare animal species in Colorado.

Pam Smith is a Field Botanist/Ecologist with Colorado State University and a member of the Botany Team of the Colorado Natural Heritage Program. The CNHP Botany Team tracks the location and condition of over 500 globally and/or state imperiled plants in an effort to guide effective management and protection of those species and thereby prevent extinctions or statewide extirpations of Colorado's native plant species.

Dr. Sarah Reed/Dr. Sarah L. Thomas

Dr. Sarah Reed is an Associate Conservation Scientist with the North America Program of the Wildlife Conservation Society and an Affiliate Faculty member in the Department of Fish, Wildlife & Conservation Biology at Colorado State University. Sarah's research focuses on the effects of land development and human activities on wildlife and biodiversity, and she works with communities, government agencies, and decision-makers to apply ecological science to conservation planning and land-use policy.

Dr. Sarah Thomas is a visiting fellow at the Center of the American West at the University of Colorado, Boulder. Her current research examines the socio-economic, political, and policy implications of land use change in the U.S. West, particularly the impacts of amenity-based development and outdoor recreation for rural communities. She holds a PhD in Environmental Science, Policy, and Management and BA in History and Literature.

Dr. Mat Alldredge

Dr. Alldredge has a Ph.D. in Zoology and Biomathematics from North Carolina State University, Masters degrees in Biomathematics (North Carolina State University) and Wildlife Resources (University of Idaho). He began his educational journey at the University of Colorado, where he earned a B.S. in Mechanical Engineering.

Dr. Alldredge is currently a Wildlife Researcher with Colorado Parks and Wildlife, and as such he studies large carnivore and hoofed animal ecology, their population parameters and habitat use. In addition, he studies avian ecology and population sampling. Two of his current research projects include “large carnivore-human interactions along Colorado's Front Range – evaluating statistical methods to estimate population density and presence”, and “predator-prey dynamics of cougars in relation to prey availability and human density.”

In addition to his research, Dr. Alldredge finds time to teach classes for the mark-recapture program (MARK) and for the National Conservation Training Center, U.S. Fish and Wildlife Service. He is a member of The Wildlife Society, American Ornithologists' Union, and he's chair of the Animal Care and Use Committee. Dr. Alldredge is also an Affiliate Faculty at both Colorado State University and the University of Wisconsin, Madison.



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