

## Keynote Speakers

**L. Hunter Lovins** is President and founder of Natural Capitalism Solutions of Eldorado Springs, Colo. Trained as a lawyer, Lovins is a globally-renowned leader in sustainable development, energy and national security issues. She has received numerous international awards and recognitions including TIME magazine Hero of the Planet (2000). She co-authored *Brittle Power*, a book written on contract for the Pentagon in 1981 analyzing the national security implications of energy policies. For 20 years as the CEO of Rocky Mountain Institute, she led its work helping the Army, Navy, Air Force and Marines become more cost-effective. Her Army work includes Fort Lewis, Wash., which recently engaged her in its sustainability training efforts. She has co-authored a leading sustainability book *Natural Capitalism – Creating the Next Industrial Revolution*.



**George Carellas** is the Assistant for Sustainability Environment, Safety & Occupational Health for the Assistant Secretary of the Army (Installations & Environment). Carellas recently served as the DoD/Army Regional Environmental Coordinator for Region 4 (Southeastern United States) from 1997-2003. Carellas has served the Army's Headquarters Forces Command (FORSCOM) since 1972 where he has performed base closure and engineering functions; served as the division chief for all environmental, housing, resource management and facilities engineering functions at the FORSCOM installations, and served as the FORSCOM Environmental Chief from 1992-1997. He holds a Bachelor's of Industrial Engineering degree from Georgia Tech.



Department of the Army  
Directorate of Environmental  
Compliance and Management  
Attn: BESD (Dodd)  
1638 Elwell St., Bldg. 6236  
Fort Carson, CO 80913-4000



## **Third Annual Community Sustainability Conference October 6, 2004**

Doubletree World Arena  
Colorado Springs, Colorado  
7:45 a.m. – 5:30 p.m.

**7:45 – 8:30 a.m.: Registration/Continental  
Breakfast**

**8:30 – 9:15 a.m.: Welcome and Fort Carson  
2004 Sustainability Report**

Colorado Springs Mayor, Hon. Lionel Rivera  
MG Robert Wilson, Commanding General  
COL Michael J. Resty, Garrison Commander

**9:15 – 10:00 a.m.: Keynote Presentation –  
“The Natural Capitalism Advantage”**

L. Hunter Lovins, Founder/President, Natural  
Capitalism Solutions

**10:00 a.m.: – Break**

**10:15 – 11:15 a.m.: Colorado  
Sustainability Reports**

Hosted by Pikes Peak Sustainable Business  
Network - featuring presentations by Intel,  
Holcim, CH2M Hill and Colorado College

**11:15 a.m. – Noon: Pikes Peak Sustainability  
Indicators Project Reports**

**Noon – 1:15 p.m.: Lunch Keynote Presentation**

George A. Carellas, Asst. for Sustainability  
Environment, Safety & Occupational Health for  
the Assistant Secretary of the Army

**1:30 – 4:30 p.m.: Implementing  
Sustainability Workshops**

- *Leadership for Sustainability*
- *Sustainable Energy Management*
- *Sustainable Business Strategies for  
Government Procurement*
- *Sustainable Transportation Planning*

**4:30 – 5:30 p.m.: Closing reception**

## **Fort Carson's Sustainability Program**

In September of 2002 and October 2003 Fort Carson held Community Sustainability Conferences for all stakeholders to establish and work toward the 25-year sustainability goals set for the Installation. Those goals are:

- I.** Sustain all facility and mobility systems with renewable energy sources.
- II.** Reduce the total water purchased from outside sources by 75 percent.
- III.** Reduce automobile dependency and provide balanced land use and transportation systems.
- IV.** Foster understanding and attain a "Community of One."
- V.** Enhance partnering to cooperatively develop, integrate and implement regional sustainability.
- VI.** Reduce hazardous air pollutant (HAP) emissions to zero.
- VII.** Advance a sustainable mission and Fort Carson by adopting a Sustainability and Environmental Management System (SEMS) and by imparting a personal commitment and enthusiasm for sustainability.
- VIII.** Further integrate sustainability principles into the Fort Carson land use planning, Real Property Master Planning and Military Construction (Army) programming processes.
- IX.** Meet or surpass the SPiRiT or LEED Platinum Standards for all applicable facilities at Fort Carson. (SPiRiT = Sustainable Project Rating Tool / LEED = Leadership in Energy and Environmental Design.)
- X.** Train and motivate all stakeholders toward compliance with sustainability principles.
- XI.** Procure all products and services aligned with sustainability principles.
- XII.** Reduce waste disposal to zero.
- XIII.** Ensure that training ranges are capable of supporting current and future military training to standard.

In October of 2004, Fort Carson will host the third conference to update stakeholders on progress and continue working on sustainability strategies for business, transportation, energy and leadership.

### **Implementing Sustainability Workshops** **Sustainable Business Strategies for Government**

**Procurement:** Fort Carson's journey to sustainability includes a gradual shift toward preferences for more environmentally and socially responsible products and vendors. Many other business, government and citizen buyers are on the same path. This workshop will help Colorado businesses of all sizes understand all the advantages of sustainability strategies, with a particular focus on government procurement processes and regional military procurement opportunities. **Co-sponsored by the Pueblo Chamber of Commerce, Latino Chamber of Commerce of Pueblo and the Canon City Chamber of Commerce.**

Workshop leaders include **Christopher Juniper, Vice President of Natural Capitalism Solutions**. Juniper is a sustainable business and government consultant with 12 years experience in economic development management.

**Sustainable Transportation Planning:** Cities, regions and large organizations such as military installations or businesses face strong challenges to plan and implement transportation systems that better meet sustainability goals. This workshop will focus on transportation planning in the Pikes Peak region, Fort Carson's goals and challenges, and innovative hydrogen fuel development projects in Fort Collins, Colo. Featuring presentations by **Fort Carson, Springs Transit, Pikes Peak Area Council of Governments** and the **City of Fort Collins**.

**Sustainable Energy Management:** Beginning with a summary of the sustainability impacts of energy production and consumption and "sustainable energy" concepts, the workshop will focus on technologies and strategies that can be profitably implemented in business and government facilities to-

day, with an emphasis on those that are easily "actionable".

Organizers and facilitators of this session are **Sandy McCardell, President, Current\_c Energy Systems, Inc.** and **Tia Heneghan, Sustainable Engineer, Sebesta Blomberg & Associates**. McCardell is a LEED accredited design professional; her education includes an MBA and Masters of Industrial Arts. Heneghan is a Colorado Springs-based sustainable engineer who has been actively involved in environmentally-responsible design for over 20 years. She has been instrumental in the development of the Integrated Sustainable Design (ISD) performance-based requirements for the Pentagon Renovation Program and currently serves on its Sustainable Design Team.

**Leadership for Sustainability:** Capturing the operational advantages of sustainability requires leadership attuned to creativity, risk-taking, and long-term, whole-system thinking. These skills must be successfully integrated with existing decision-making and leadership training systems. This workshop will explore and develop the skills needed for successful leadership for sustainability in organizations and communities.

Workshop leaders are **Mary Ferdig, Founding Director of the Sustainability Leadership Institute**, and **Sarah Stokes, Senior Vice President and Director of Professional Education and Leadership of the Keystone Center**. Ferdig is an organizational development and change consultant with 25 years experience in business and non-profit arenas. Stokes is a senior facilitator for the Science and Public Policy Program at the Keystone Center with 10 years experience working on collaborative problem-solving models.

**Please RSVP by Oct. 4 by e-mailing [Birgitte.Dodd@carson.army.mil](mailto:Birgitte.Dodd@carson.army.mil) or calling the Directorate of Environmental Compliance and Management (DECAM) at (719) 526-2022. The conference is made available to participants at no charge by Fort Carson.**