

The Climate and Deserts Workshop:



Adaptive Management of Desert Ecosystems in a Changing Climate

April 9-11, 2008
Aquarius Casino Resort

1900 S. Casino Drive Laughlin, Nevada 89029

Join leading scientists and educators to learn more about emerging climate and desert ecology research. The workshop offers an opportunity to interact effectively with scientists to discuss and help create practical tools for decision-makers and land managers.

Ecosystem Response – Modeling – Human Uses – Water – Invasive Plants – Fire Regimes – Wildlife

Registration fee includes workshop participation, materials, breaks, lunches and evening poster session.

Special rate of \$29 weekday and \$59 Friday/Saturday at Aquarius Casino Resort (good through *March 18, 2008*). Call (800)662-5825 and ask for group code "**C-CDW08**" when booking.

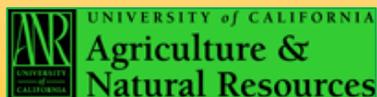
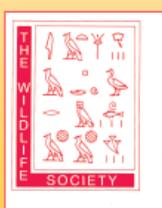
Early Registration (*before March 17*):

Two-day Workshop: \$65
Friday Field Trip: \$25

Late Reg. (*after March 17*):

Two-day Workshop: \$95
Friday Field Trip: \$30

Look for registration information online at the URL below:



QUADSTATE LOCAL GOVERNMENTS AUTHORITY



<http://www.dmg.gov/climate>

Or to: <http://cals.arizona.edu/climate/> for more information



Condensed Agenda for The Climate and Deserts Workshop

April 9-10, 2008 at Aquarius Resort Casino

Wednesday, Apr. 9:

7:30am-8:30am: *Registration/Check-in*

8:30am *Future of the West: Adapting to a Warmer World*

Lisa Graumlich
School of Natural Resources, UA

9:15 *Climate Change & Western Deserts*

Kelly Redmond
Desert Research Institute, Reno

10:15 *Western Deserts Panel Discussion I
Mojave-Colorado: Wind Erosion and Dust*

Rich Reynolds
Earth Surface Dynamics, USGS, Denver

Great Basin Desert: **Stan Smith**
Biological Sci., Univ. of Nevada, Las Vegas

Sonoran Desert: **Travis Huxman**
Physiological & Ecosystem Ecology, UA

12:15 *Lunch*

1:10 *Challenges for Future Water Mgmt.*

Stan Leake
USGS, Tucson

1:30 *Human, Mgmt & Policy Implications*

Panel Discussion II

Development by Design: **Joe Kiesecker**
The Nature Conservancy

Urban Form in the West: **Rebecca Carter**
Sonora Institute

Springs & Groundwater: **Abe Springer**
Hydrogeology, NAU

3:10 *WorldCafé: Adapting to Climate Change*
–
Interactive Discussion

Gregg Garfin
Institute for Study of Planet Earth, UA

6:00 *Poster Session and Hors d'ouerves*

Thursday, Apr. 10:

8:15am *Nonnative Plants, Regional Climate Change and Emerging Desert Fire Regimes*

Guy McPherson
School of Natural Resources, UA

9:00 *Wildlife Connectivity*

Tom Scott
University of California, Riverside

9:20 *Managing Wildlife Linkages*

Wayne Spencer
South Coast Wildlands

10:35 *Modeling Approaches for Predicting Climate Change Impacts on Natural Systems*

Kirsten Ironside
Merriam-Powell Center, NAU

11:05 *Modeling and Natural Resources*

Debra Hughson
Mojave National Preserve, NPS

11:25 *State and Transition Models*

Todd Esque
Western Ecological Res. Center, USGS

11:55 *A "Toolbox" for Resource Managers*

Michael Crimmins
Climate Science Applications Program, UA

12:20 *Lunch*

1:15 *Climate Change & Desert Mgmt: States and Transitions Models Exercise*

Michael Crimmins
Cooperative Extension Specialists, UA

1:45 *Breakout Session: Climate Scenarios and State & Transition Exercises*

3:00 *Breakout Presentations & Evaluations*

Friday, April 11

7:30 – 4:00 *Field Trip: Mojave Preserve*
Debra Hughson/Todd Esque

Get full agenda, speaker and registration information online at:

<http://www.dmg.gov/climate> or at
<http://cals.arizona.edu/climate/>