

### RFF Works:

- to support and develop innovative agriculture, forest, and land conservation initiatives;
- to strengthen and sustain rural communities, economies and green businesses;
- to promote renewable fuels and biomass energy.

We initiate and promote private-sector conservation initiatives.

We develop solutions for conservation.

We support innovative, private sector led international projects in southern Africa, the North Atlantic, and the West Indies

# RFF Leadership



Amos S. Eno President and Founder

Amos S. Eno, president and founder of Resources First Foundation, has been changing the environmental policy and philosophical landscape for over 40 years. He has challenged government, the corporate world and environmental leaders to think differently about environmental policy, conservation vs preservation, development and land use.



Alexandra Serra Chief Strategy Officer and Executive Vice President of Public Affairs, Strategic Planning, Partnerships

Serra comes to RFF with over 15 years' experience in the Public Affairs arena, including media, politics, grassroots development, legislative initiatives and fundraising. She recently spent over six years at Walmart as Director of Public Affairs and Government Relations for Northern New England. A native of New York City, Serra is a graduate of the University Maine School of Law and Smith College.



Willard Dyche Project Developer

Willard has been the lead developer for the complete portfolio of RFF web sites. Working with RFF founder Amos Eno since 2001, Dyche is able to distill RFF's multifaceted objectives into a seemingly simple website landscape, highly conscious of user needs and mobility.

RESOURCES FIRST FOUNDATION

### Private Landowners Are the Future

### 71% of U.S. land is in private ownership today

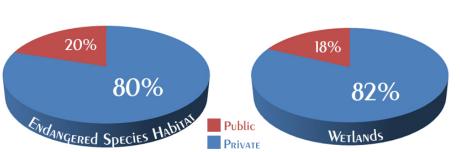
 Over 10.4 million individuals, partnerships and corporations manage over 264 million acres of private forestland.

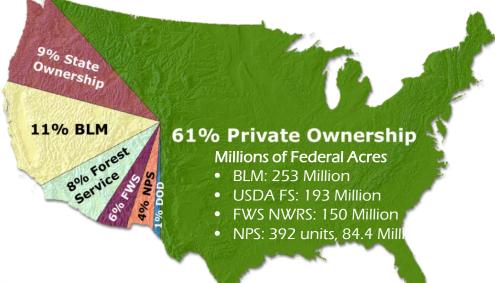
• Over 938 million acres are cropland, pastureland, and rangeland owned and managed

by over 2.1 million farmers and ranchers.

• The care of 50% of our land is in the hands of less than 2% of our citizens, primarily ranchers, farmers, and forest owners.

 Individual landowners steward 76% of our wetlands and over 80% of our endangered species habitats.





Public land accounts for 29% of the land base in the lower 48 consuming a disproportionate amount of the conservation tax dollars (90%)



### RFF Product Line

### Web-Based Resources for Conservation Action



### National Sites



### **Private Landowner Network**

www.PrivateLandownerNetwork.org



#### **Conservation Tax Center**

www.ConservationTaxCenter.org



### **Cooperative Conservation America**

www.cooperativeconservationamerica.org



### Specialty Sites



### **Conservation Habitat Management Portal**

www.conservationhabitat.org/



### **Keep Working Lands Working**

www.PrivateLandownerNetwork.org/plnblog



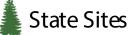
#### **US Dairy**

Dairy Fleetsmart & Save Energy Tool http://www.usdairy.com/sustainability



### **USDA** USDA Energy Estimator Tools

www.nrcs.usda.gov/wps/portal/nrcs/main/national/energy/tools/





### Arkansas Conservation Center

www.StateConservation.org/Arkansas



#### California Conservation Center

www.StateConservation.org/Arkansas



#### **Idaho Conservation Connection**

www.StateConservation.org/Idaho



#### **Louisiana Conservation Connection**

www.StateConservation.org/Louisianana



#### **Maine Conservation Connection**

www.StateConservation.org/Maine



### Mississippi Conservation Center

www.StateConservation.org/Mississippi

### Coming Soon



#### **Colorado Conservation Connection**

www.StateConservation.org/Colorado



### **Lone Star Conservation Connection**

www.StateConservation.org/Texas

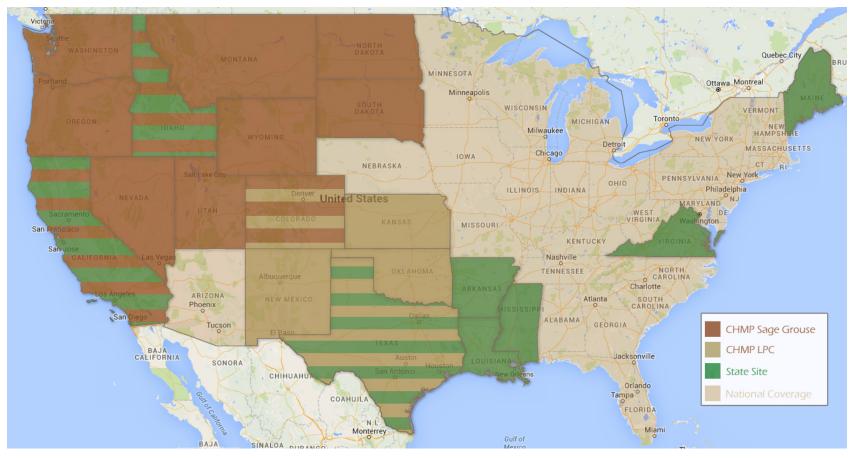


### Virginia Conservation Connection

www.StateConservation.org/Virginia



### Web-based tools and resources



Resources First Foundation is an entrepreneurial 501(c)(3) non-profit organization founded in 2000. Since its beginning, RFF has built web-based tools and resources designed specifically for the multi-faceted needs of private landowners, land & energy conservation professionals and business to advance their goals and objectives.

Resources First Foundation

### So What?

For decades, conservation programs, organizations, and landowners have been heavily dependent on public financing and technical assistance, both federal and state.

At present both sources of public funding are in significant contraction.

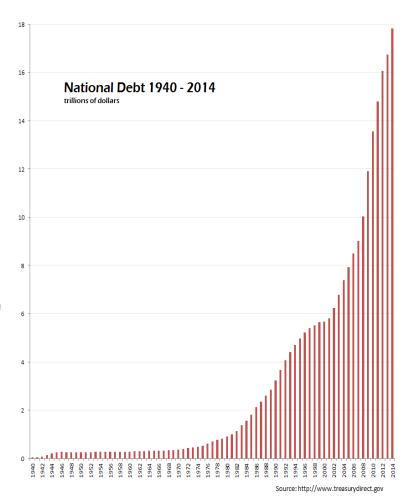
Given that doing more with less is now required of every agency and organization in America.

RFF is uniquely positioned to augment and enhance the information services historically provided by public agencies and now subject to budget cuts affecting private landowners.

"The customer-oriented company begins with the market and lets it guide every decision, every investment, every change". (Jan Carlzon stated in Moments of Truth 1987)

That is how RFF's products were conceived from day one, anticipating this climate of fiscal contraction.

RFF sees the current nationwide budget contractions as an opportunity to bring to market an updated, web savvy, and comprehensive suite of service providers to fill the gap in government services that could hit a small slice of the voting public, but a huge slice of rural America, 13.2 million private land owners.





### RFF Market Penetration

#### Why RFF Sites Work

"A decentralized capitalist resource allocation system is the only system capable of satisfying the five philosophical ideals of equity, efficiency, stability, freedom, and privacy." (1997, Leonid Hurwicz, Nobelist)

- **Equity** in the conservation marketplace RFF's information is neutral and science based, it contains no environmental advocacy, so landowners have access to unbiased equitable information.
- Efficient delivery RFF's web products are designed for clarity and ease of navigation, provide a variety of search options, and a rich database of relevant information.
- **Stable** information platform RFF's content and data are current, with daily updates and maintenance of information, and we host a vast library of pertinent articles for landowners and professionals alike.
- Freedom of access RFF's web products, content and tools are free and open to all comers, buyers and sellers, and they drive business to the businesses and service providers serving rural America.
- Privacy RFF maintains a bubble of trust and privacy so users can access information in the privacy of their home or business.



### RFF Market Metrics

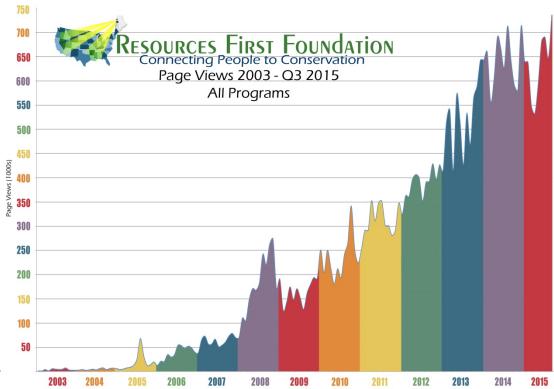
"When it comes to implementing a green revolution, the more boring the work, the more revolutionary the impact. If it isn't boring it isn't green" (Hot, Flat and Crowded, Thomas Friedman p. 268)

RFF work is "revolutionary" in that:

- it consists of research, data acquisition, and search engine optimization to continually add new listings, update existing listings, and promote the database that is the heart of its stewardship marketplace.
- it does not include environmental hype, proselytizing, or crisis prediction - just easy-toaccess information at one's finger tips in an online stewardship marketplace.

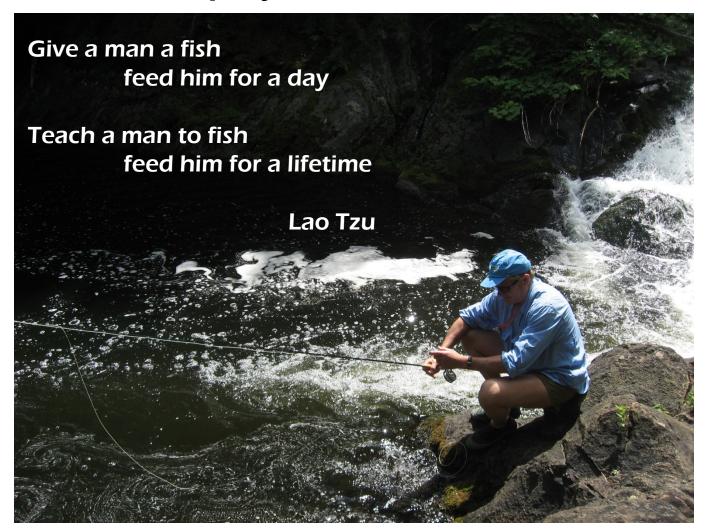
Friedman also quotes Clayton Christensen's maxim of disruptive technologies: "new technologies replace existing ones because they are cheaper and more consumer-friendly" (Friedman p. 249).

RFF's system of research, content development, and quality control embodied in web portals and online tools is far cheaper to operate than the multiple huge and costly websites run by federal and state bureaucracies and self-promoting environmental advocacy groups.





# RFF Philosophy





### RFF Financial Investors



The
WALTON FAMILY
FOUNDATION





**Ohrstrom Foundation** 

William Curran

Louise H. and David S. Ingalls Foundation



Magalen O. Bryant



Nikos Monoyios



**Paul Tudor Jones** 



The Tianaderrah Foundation



Cotswold Foundation

**O**AK







### RFF International

### Donor directed funding projects in the southern tier of Africa and beyond

Resources First Foundation acts in partnership with our international partners on successful philanthropic grant programs.



#### The Botswana Rhino Reintroduction Project

Collaborative conservation efforts between Wilderness Safaris, Wilderness Trust, Botswana's Department of Wildlife (DWNP) and the Botswana Government have



#### Children in the Wilderness

The overall goal is to facilitate sustainable conservation through leadership development of rural children in Africa.



#### Simonga Village Projects

Projects have included sponsorship of students and teachers to further their education, digging of wells for the village and construction of a police post in collaboration with neighboring lodges.



#### North Atlantic Salmon Fund (NASF)

The NASF OBJECTIVE is to restore salmon stocks to historic abundance. MORE SALMON bring more diversity and ensures a profitable sport fishery.



#### **Moonhole Friends Foundation**

RFF annually supports the Tom and Gladys Johnston Moonhole Conservation Trust and Moonhole Friends Foundation.



ZIMBABWE

# Current Funding Priority

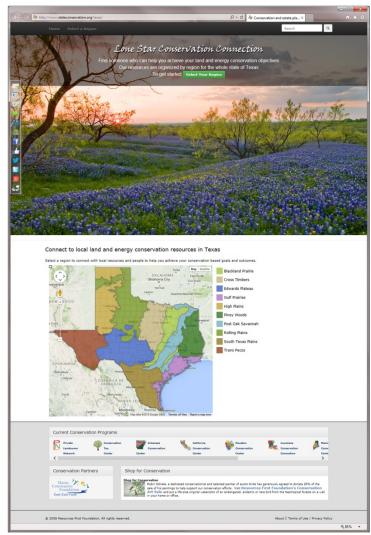
### The Lone Star Conservation Connection

Resources First Foundation seeks support to build a comprehensive website to provide Texas' farmers, ranchers, and forest owners a robust directory of actionable conservation information.

- Top RFF Funding priority
- Endorsed by Texas Parks and Wildlife Executive Director, Carter Smith
- 95 percent of Texas is privately owned
- Texas leads the nation in land area devoted to privatelyowned working lands.
- Farms, ranches, and forest lands provide significant economic, environmental, and recreational benefits

"Anything we can do to streamline conservation-related information for our private landowner partners will be enormously helpful"

Carter Smith, Texas Parks and Wildlife Executive Director





# Maine Conservation Connection







Iternative Energy and Green Building ernative and clean energy options & a full

range of green and energy saving products and



Find small farms & farmer's markets in you

Invasive and Native Species Resources

leading threat to biodiversity where the economic cost is as significant as the ecological



Find grant and assistance programs, Extensions,

Recreation



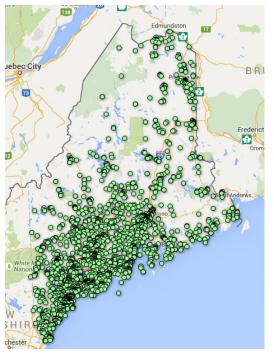
management, and natural process information and resources for Maine forests.



latural Heritage Tourism and Outdoor



ess to the State Wildlife Action Plan. Wildlife Programs, Wildlife & Ecological Areas, and



**Resources Serving Maine** 

Guides and Outfitters	771
Veterinarians - Small Animal	292
Foresters	211
Sustainable Ag / Community	
Supported Agriculture	208
CFL Disposal sites	203
Food Hubs and Farmers Markets	127
Land Trusts	99
Consultants - Land	83
Conservation Groups and Associations	76
Veterinarians - Large Animal	74
Native Species Nurseries	73
Alternative Energy	68
Certified Energy Auditors	66
Lawyers	61
Energy Saving / Green Products	58
Ecotourism	50
Education Programs	50
All Others	985

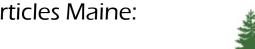
Launched: 2008

Ave. Monthly Visitors 2015: 1,340

Resources in Maine: 2,708

Resources serving Maine: 3,555

**Articles Maine:** 

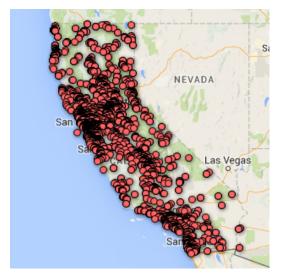




194

California Conservation Center





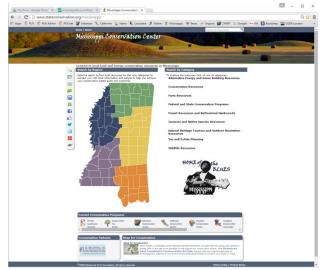
Launched:	2009
Ave. Monthly Visitors 2015:	2,900
Resources in California:	4,111
Resources serving California:	4,984
Articles for California:	385

### Resources Serving California

Green Point Raters / Energy Auditors	389
Sustainable Aq / Community Supported	
Agriculture	290
Green Building Professionals	288
Ecotourism	252
State and Federal Land	207
Lawyers	197
Land Trusts	186
Small Farm Resources	145
Estate Planners	136
Organic Products and Services	135
Consultants - Land	129
Conservation Groups and Associations	122
Agritourism	104
Conservation Districts	101
Alternative Energy	94
Architects	94
Sage Grouse	88
Education Programs	80
Fire Safe Councils	75
Rural-Farmer, Rancher, and Fishery Cooperatives	72
Water Districts and Associations	70
All Others	1730



# Mississippi Conservation Center





Launched: 2010
Ave. Monthly Visitors 2015: 2,760
Resources in Mississippi: 2,363
Resources serving Mississippi: 3,450
Articles for Mississippi: 369

Resources Serving Mississippi

All Others	940
Certified Appraisers	4(
Estate Planners	4(
Farm Ranch And Forest Retailers	42
Woodlot and Timber Services	4.
Wildlife / Habitat Specialists	4
Financial Planners	5
Small Farm Resources	5.
Education Programs	6
Conservation Districts	8
Cooperative Extension	8
Conservation Groups and Associations	8
Sustainable Ag / Community Supported Agriculture	9
Agritourism	9'
Consultants - Land	10
State and Federal Land	100
Guides and Outfitters	118
Campgrounds	23
Ecotourism	298
Foresters	81



# Arkansas Conservation Center





Launched: 2012

Ave. Monthly Visitors 2015: 3,112

Resources in Arkansas: 2,381

Resources serving Arkansas: 3,432

Articles for Arkansas: 357

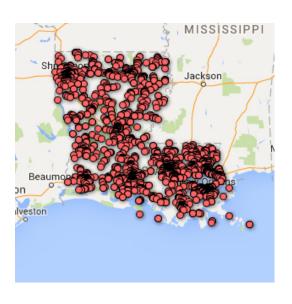
#### **Resources Serving Arkansas**

Ecotourism	494
Campgrounds	312
Woodlot and Timber Services	244
Foresters	213
State and Federal Land	212
Agritourism	174
Guides and Outfitters	125
Conservation Groups and Associations	88
Cooperative Extension	86
Conservation Districts	77
Wildlife / Habitat Specialists	76
Lawyers	72
Consultants - Land	71
Food Hubs and Farmers Markets	61
Education Programs	59
Lodges	49
Small Farm Resources	48
Estate Planners	36
USDA - NRCS Programs	33
All Others	907



## Louisiana Conservation Connection





Launched:	2014
Ave. Monthly Visitors 2015:	1,000
Resources in Louisiana:	3,551
Resources serving Louisiana:	4,524
Articles for Louisiana:	454

**Resources Serving Louisiana** 

Veterinarians - Small Animal	1034
Foresters	274
Licensed Water Well Contractors	156
Green Building Professionals	148
Small Farm Resources	139
Ecotourism	131
Wildlife Control Operator	119
Consultants - Land	108
Lawyers	98
Conservation Groups and Associations	94
State and Federal Land	94
Education Programs	74
Biologists / Ecologists	66
Cooperative Extension	65
State Funding / Technical Resources	63
Estate Planning Lawyers	61
Wildlife / Habitat Specialists	59
Sustainable Ag / Community Supported	
Agriculture	58
CFL Disposal sites	55
Riparian and Wetlands Specialists	53
Arborists	52
Campgrounds	52
Tax Law Attorneys	51
Food Hubs and Farmers Markets	50
All Others	1370



# Idaho Conservation Connection

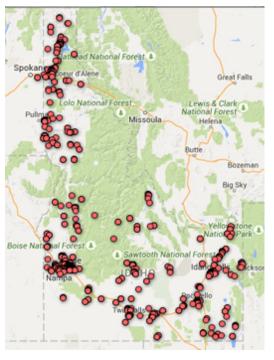




	Organic Certification	
Forest and Fire	Invasive and Native Species	Oil and Gas
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Launched:	2015
Resources in Idaho:	1,268
Resources serving Idaho:	2,202
Articles for Idaho	464

**Resources Serving Idaho** 

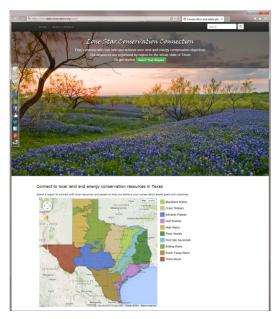
Conservation Groups and	
Associations	102
Education Programs	84
Foresters	76
Weed / Invasives Management	7.1
Professionals	71
Consultants - Land	66
Lawyers	57
Conservation Districts	52
Cooperative Extension	49
Ecotourism	49
Financial Planners	47
Energy Saving / Green Products	46
State Funding / Technical Resources	40
Lesser Prairie Chicken	38
Grant Programs	37
Natural Resource Law Attorneys	36
All Others	1166

"WOW! I am very impressed with the site ... I think you hit the mark on this"

Curtis F. Elke, Idaho NRCS State Conservationist



## Texas Conservation Connection



Alternative Energy
Alternative and Clean Energy Information, Best
Meangement Pacification, Energy Sensing Products,
and Local Professionals to help with your Green
Dusling and Bereamble / Alternative Energy
Find resources on:
Energy Entit Resources on:

Conservation Tools
Information on Conservation Markets, Carbon
Credits, Megadion Banking and the resources
and professionals to help
Faid resources on:
Conservation Markets
Conservation Reviews

Crop Production

Driformation, Best Management Practices and
Resources to help you conserve your farm and
pass it on to your family. Also we have
reformation on Approximent, Organia

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Familiar Management Practices

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format information, Best Management Practices,
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Prescribed Fire

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aming, Wildfire Preparation including: Firew
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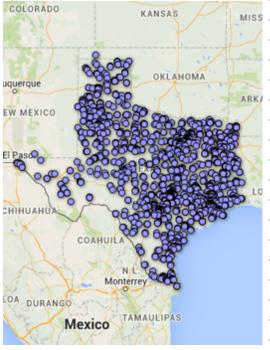
Tax and Estate Planning

Tax and Estate Planning

Tax and Estate Information and resource on:
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Information and resources on Irrigation, Surface Water Laws Rights and Appropriations (Coroundwater, Livestock Watering, Water for Wildlife and Native Plants. Find resources on! Groundwater, Groundwater Jungston Livestock Watering Livestock Watering Livestock Watering Water for Wolfate - Indian Plants. Wildlife and Native Plants
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**Resources Serving Texas** 

Cooperative Extension	264
Conservation Districts	222
Small Farm Resources	188
Consultants - Land	148
Fire Services / Prescribed Burning	147
Foresters	138
Lesser Prairie Chicken	128
Rural-Farmer, Rancher, and Fishery Cooperatives	128
Wildlife / Habitat Specialists	126
Conservation Groups and Associations	125
Education Programs	108
State Funding / Technical Resources	76
Alternative Energy	72
Water Districts and Associations	69
Biologists / Ecologists	64
Arborists	61
Estate Planners	56
Lawyers	54
All Others	1332

Launched: TBD

Resources in Texas: 2,458

Resources serving Texas: 3,506

Articles for Texas: 443



Virginia Conservation Connection





Alternative Energy
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Management Practices, From 1975 Soring Fredicts,
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Information, Best Hanagement Practices and Resources to help you conserve your farm any pass it not you farmity. Also we may be information on Agritourism, Organic Certification, and despinning Farmers. Find resources on: eaguring farms farm to make the farm to make farm to make

ources on; Carbon Sequestration, Fi ment, and Forestry Management Sources on: questration general Hanagement Practices sources Outdoor Recreation
Information and resources on: Cultural Tourism
(history and cultural), Intalner-Based Tourism,
Hasting & Fisiking, and River Recreation.
Find resources on:
History and Four Parks
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Burning, Wildfire Preparation inclus Communities, Laws and Regulation Assistance, and Education. Find resources on: Epoch Assistance Finding Communities Workshops and Education



Wildlife and Native Plants

wildlife and Native Plants

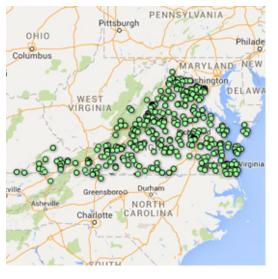
information on wildlife, lately and Invasive
plant and animal species including info on

stative Species, Game and foro-game Wildlife,
fordearthy lated Species, Species of Species

concerns, Inornative Wildlife and invasive
species.

Find resources on:

what througement



Resources Serving Virginia

Cooperative Extension	139
Ecotourism	131
Education Programs	116
State and Federal Land	116
Conservation Groups and Associations	111
Foresters	88
Sustainable Ag / Community Supported Agriculture	78
Consultants - Land	66
Campgrounds	64
Woodlot and Timber Services	56
Agritourism	51
Conservation Districts	49
Small Farm Resources	49
Estate Planning Lawyers	43
Wildlife / Habitat Specialists	41
State Funding / Technical Resources	39
All Others	994

Launched: TBD

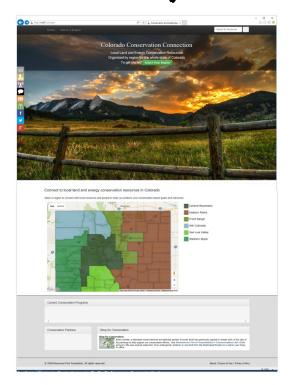
Resources in Virginia: 1,363

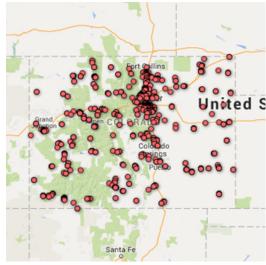
Resources serving Virginia: 2,231

Articles for Virginia: 279



# Colorado Conservation Connection





Resources serving Colorado	
Lawyers	107
Consultants - Land	85
Conservation Groups and Associations	77
Conservation Districts	75
Certified Appraisers	59
Education Programs	58
Natural Resource Law Attorneys	58
Cooperative Extension	56
Water Rights Lawyers	51
Alternative Energy	50
Land Trusts	48
Ecotourism	47
Biologists / Ecologists	45
USDA - NRCS Programs	42
USDA - FSA Programs	39

989

Launched: TBD Resources in Colorado: 1,249

Resources serving Colorado: 2,161

Articles for Colorado: 269

"you guys have an amazing vision that we would definitely like to be a part of!"

All Others

Linsey Thaden, Colorado State Forest Service Nursery



# Conservation Habitat Management







- Sage Grouse Resources
- Lesser Prairie Chicken Resources

#### **CHMP Resources**

Conservation Districts	379
Cooperative Extension	304
ederal And State Agency	
andowner Specialists	114
Biologists / Ecologists	75
oresters	67
ocal Working Groups	55
and Trusts	52
Vater Districts and Associations	51
Natural Resource Law Attorneys	51
ire Services / Prescribed Burning	47
awyers	43
Resource Conservation and	
Development Councils	42
Weed / Invasives Management	
Professionals	38
Sovernment Agencies	35
Vildlife / Habitat Specialists	33
JSDA - NRCS Programs	33
All Others	573

Launched: 2014 Ave. Monthly Visitors: 925

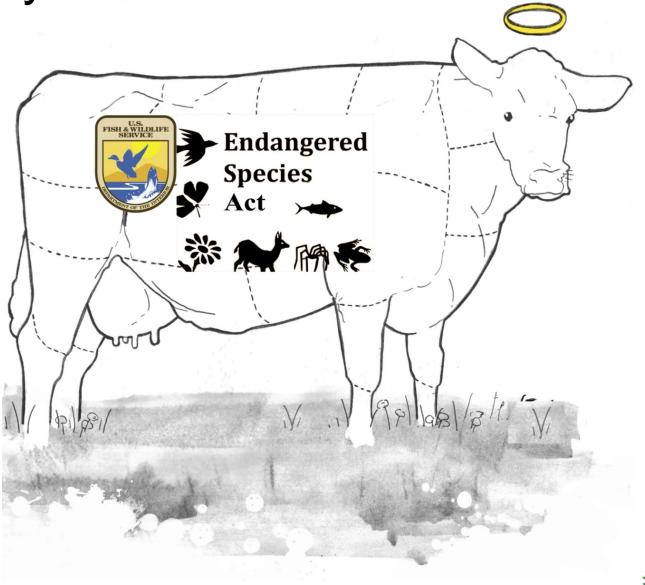
Lesser Prairie Chicken 452

Sage Grouse 1,540

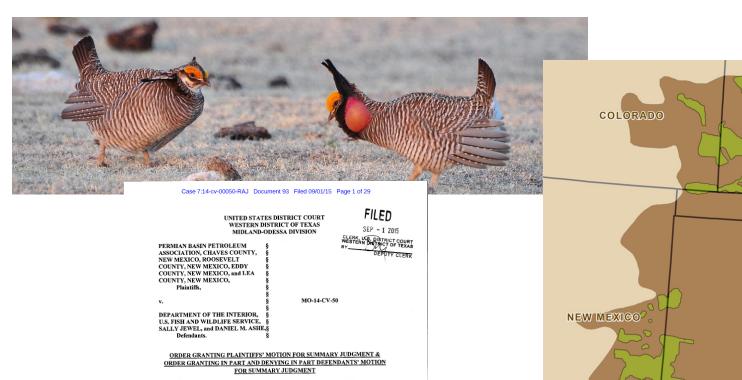
Articles for CHMP: 496

RESOURCES FIRST FOUNDATION

My Second Environmental Sacred Cow



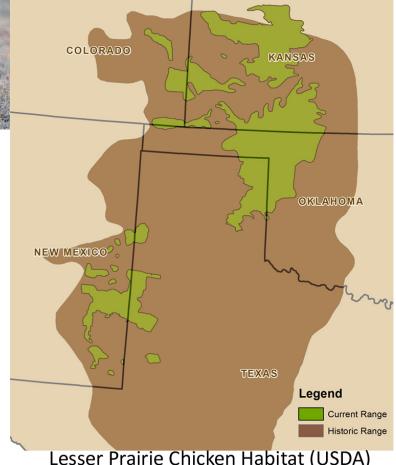
### The WAFWA Recovery Effort Has Raised \$47.5 Million for LPC



On April 10, 2014, Fish and Wildlife Service (FWS) published a final rule in which FWS itsted the lesser prairie-chicken (LPC) as a threatened species. LPC Final Rule, 79 Fed. Reg. 19,974 (Apr. 10, 2014). Plaintiffs field suit on June 9, 2014, challenging this listing decision. (Doc. 1). Plaintiffs argue FWS did not follow its own rules or provide a rational basis for the listing decision. (Doc. 1 at 48-51). Plaintiffs ask the Court to hold its listing decision as unlawful and set it aside. (Id.). Plaintiffs and Defendants each filed competing Motions for Summary Judgment on May 7, 2015. (Doc. 66, 67). Both parties filed Responses (Doc. 74, 75) and Replies (Doc. 82, 83).

Plaintiffs' three overarching claims before the Court are:

- Whether FWS followed their own rule for evaluating conservation efforts (Policy for Evaluation of Conservation Efforts When Making Listing Decisions (PECE)), which requires a two-part (15 criteria) analysis.
- (2) Whether FWS cited/explained a rational decision to list the LPC as a threatened species based on the best scientific evidence available.
- (3) Whether FWS responded to significant and highly relevant comments raised by Plaintiffs.



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### Sage grouse does not need protection

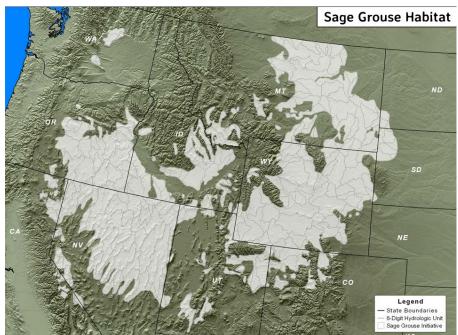




Interior Secretary Sally Jewell said she hopes her staff will decide that the greater sage grouse does not need protection as an endangered species. "I remain optimistic that the not-warranted listing is possible," Jewell said.

"The efforts on the part of states, the Natural Resources Conservation Service, private landowners, nonprofit organizations, developers, energy companies, grazers, ranchers [and] cattlemen has been incredible," 1,129 ranches across 11 Western states are conserving 4.4 million acres of land. Habitat fragmentation has been reduced by establishing more than 451,000 acres of conservation easements.

Privately-owned grazing lands underpin 40% of sage grouse range and constitute some of the most productive habitats available.



NRCS is committing \$211 million to this partnership through 2018



# Sage grouse avoids endangered listing





Proud to announce #SageGrouse doesn't need protection of Endangered Species Act. Here's why it's a #WildlifeWin -SJ

🌉 Sally Jewell



Greater sage grouse does not require endangered species act protection

Thanks to the largest land conservation effort in US history, the greater sage grouse does not need protection under the Endangered Species Act. Here's why it's a huge #WildlifeWin

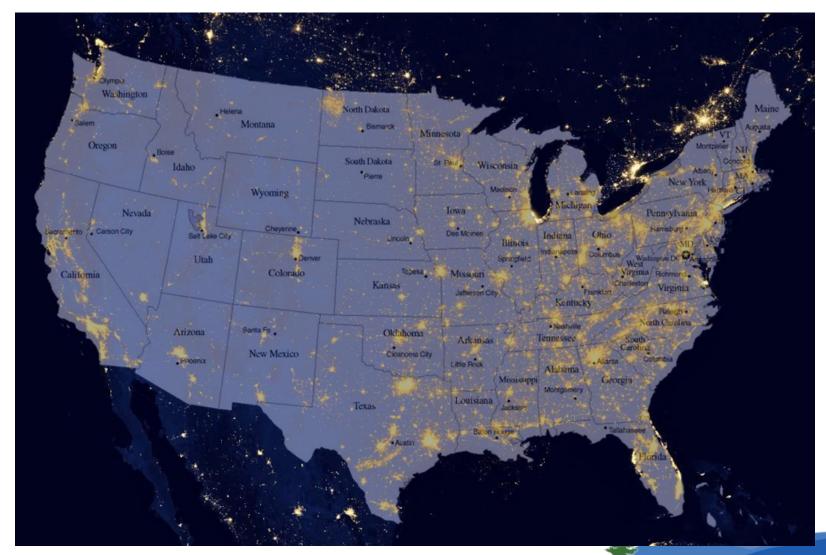
Interior Secretary Sally Jewell announced the finding that a listing is "not warranted" Tuesday morning in a <u>video</u>.

"Because of an unprecedented effort by dozens of partners across 11 western states, the U.S. Fish and Wildlife Service has determined that the greater sage grouse does not require protection under the Endangered Species Act," she said.

The decision by the Fish and Wildlife Service was not unexpected, however, as the federal government, states and private landowners have put great efforts into conserving the species in the hopes that it would not need the draconian protections that the Endangered Species Act affords.



### Two or Three Large Metropolitan Areas Dominate Each Western State



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### The Rural West Does Not Have the Votes to Control its Destiny



### Where are the Resources?

Private lands in the western US are 5x more important because they control most of the water.

They supply the western urban areas with:

- Food from agriculture
- The roots of biodiversity
- Fire control
- Clean air and water
- Recreation
- Transportation & energy corridors
- Other ecosystem services





## We Need Rural Leadership

Utilize existing land grant universities and shift locales every two years to maximize competitive creation of curriculum, with real world exposure to on site and in the field operations and problem areas.

- Initiate the program with CALF (operational since 1970)
- California is ground zero for water, ESA, petroleum and metropolitan expansion issues.
- Year 3 shift to Colorado State University
- CSU is in process of implementing a private land node
- There after shift to different land grant universities in states on a two year rotational basis.





### Contact RFF



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