

The following is a list of some of the more significant community issues addressed by this/these station(s) for the quarter specified. This listing is by no means complete, nor is the order in which these issues appear, intended to imply any degree of priority or significance of the issues.

QUARTERLY ISSUES/PROGRAMS LIST FOR STATION(S) KZRN  2ND  3RD  4TH Quarter of 2014  
(call(s)) (Year)

**ISSUE DESCRIPTION:** **PROGRAM SEGMENT:** **DATE/TIME:** **DURATION:** **DESCRIPTION OF SEGMENT:**  
Example: New beach alert program Peggy's 7:00AM Newscast 6/12/07 :45 Avid PB: Mayor McCollum urges council to pass law

1. Please see "Issues of Discussion" reports
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

This form, produced by the staff of E. S. Sutton & Associates, is a good faith effort to simplify FCC Regulator Public File Compliance for the American Radio/Television Broadcasting Industry. Comments and suggestions are appreciated: E. S. Sutton, Jr., 3523 W. Shangri-La, Phoenix, Az 85029-4049 - Tel: 602-595-2871, E-mail: ed.sutton.jr@cox.net



GOLDEN VALLEY COMMUNITY BROADCASTERS  
KZFR COMMUNITY RADIO 90.1 FM  
341 Broadway, Suite 411  
PO Box 3173  
Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

DATE: 1/27/2016  
PROGRAMMER: STEVE O'BRYAN  
PROGRAM NAME: CELT RADIO  
TIME SLOT: 9-11:30 AM

**ISSUES DISCUSSED:**

GRID ALTERNATIVES MISSION TO  
INSTALL SOLAR PANELS FOR LOW INCOME  
HOUSEHOLDS & UPCOMING EVENT, TO INSTALL  
SOLAR IN CHAPMAN TOWN

**GUESTS:**

SANJA CERVI, SOPHIA SOMERS  
GRID ALTERNATIVES

**LENGTH OF DISCUSSION(S):**

15 MINUTES

Record of Public Discussion  
Ecotopia #262 Slick Water  
Date: February 17, 2016  
Programmers: Susan and Stephen Tchudi



**Turn on Flash Drive**

Station ID: This is KZFR, 90.1, FM, listener supported community radio for the Sacramento Valley, the Foothills, and Beyond. Up next, Ecotopia, exploring "Slick Water" and Fracking

Music #1: Theme

**Steve:** This is Ecotopia on KZFR, exploring ecosystems, environmental, social, technological. This week we will taking a look at hydraulic fracturing, its history and its environmental threats. I'm Stephen Tchudi.

**Susan:** First we'll be on the phone to Alberta, Canada with journalist Andrew Nikiforuk, author of *Slick Water: Fracking, and One Insider's Stand Against the World's Most Powerful Industry*. Andrew will describe some interesting history of how fracking has evolved over the past 150 years, and tell the story of Jessica Ernst, a person who has launched a single-handed campaign against commercial fracking and the Canadian government.

**Steve:** And in the second half of the program, we'll talk with Dave Garcia, who has led the anti-fracking movement here in Butte County, with an update on the ballot measure that we'll all have a chance to vote on in June.

**Susan:** Underwriters

**Steve:** Disclaimer: The opinions expressed on Ecotopia do not necessarily express the views of the staff, Board of Directors, volunteers, or programmers of KZFR.

We'll take a break and back to talk with Andrew Nikiforuk about Slick Water.

Music #2:

Call Andrew: 403-283-5010

**Steve:** This is Ecotopia on KZFR, exploring ecosystems: environmental, social, and technological. Hydraulic fracturing cuts across all those ecosystems, and we've done several programs on various aspects of "fracking." Later in the program, we'll be talking with Dave Garcia, of Frack Free Butte County who has worked tirelessly to keep fracking out of the NorthState—he'll give us an update on his work, including the anti-fracking measure that will be on the June ballot.

But <sup>now</sup> first we will be speaking with Andrew Nikiforuk in Calgary, who has written a powerful and thoroughly researched book called "Slick Water"—about "Fracking and One Insider's Stand Against the World's Most Powerful Industry." Andrew is a journalist who has written on such topics as livestock grazing, uranium mining, water diversion, and energy. In 2009 he won the Rachel Carson



Environment Book Award for *The Tar Sands: Dirty Oil and the Future of the Continent*. We enjoyed a quote from G. K. Chesterton that Andrew posts on his website: "I believe in getting into hot water: it keeps you clean." Welcome, Andrew Nikiforuk.

--Your book is about Jessica Ernst, an Alberta landowner, who has sued major gas and oil companies and the Alberta government for fracking near her land and throughout Canada. You also provide a detailed history of fracking in North America, and we thought we'd start with asking you to tell us some of that history.

... It's widely known that petroleum development in North America was launched in Pennsylvania (Oildorado) in the mid-nineteenth century, but we didn't realize that fracking was a part of the picture from the beginning. Please tell us about that era: "torpedoing," dropping barrels of gunpowder down wells, nitro. What were drillers trying to accomplish with fracking? Did it work? [cigar box funerals, etc.]

... What are some of the other techniques and fluids that the frackers tried over the years? [acids, arsenic, secret chemical compounds, poppets]

... When did hydraulic fracturing come on the scene? What is the "slick water" fracturing that you chose for the title of your book? ["a fracture treatment that utilizes a large volume of water to create an adequate fracture geometry and conductivity to obtain commercial production from low permeability, large net pay reservoirs"]

...Before we turn to Jessica Ernst's story, please give us a quick rundown on the harmful and unanticipated results of fracking. [methane, water contamination, earthquakes . . . ]

--OK. Now we get to the heart of your book. Who is Jessica Ernst and when did you meet her? What's she like?

--What happened on her land that got her involved in fighting big industry and big government?

--Whom did she go after? What did she want? What did people say were her odds of success?

--Your book describes the convoluted legal process—the story raised *our* blood pressure—difficulties in getting an attorney, money, obfuscation, governmental denial, community bribery [Rosebud Theater], legal trickery, personal threats.... Please share one or several episodes that help us understand what Jessica went through.

--Throughout the book, you label Jessica as a "scientist." One would not ordinarily expect to see that label applied to a landowner and citizen activist. Why did you choose that term?

--After 7 years of being in court, Jessica receives a phone call from her attorney, Murray Klippenstein, who says, "Jessica, we won." What exactly had she won? Clearly the case is not over, so what precedent or possibilities have been established?

--Where does Jessica's case stand today?

Marcellus

--In closing, Andrew Nikiforuk, could you look a few pages beyond your book and tell us what you see happening with big oil and big gas in the immediate to long-range future? (Impossibly broad question, we realize.)

--Here in the US, fracking is being given great credit for bringing down gas prices and creating fossil fuel independence—how can people fight that success?

--What's your next book?

6:35 We have been speaking with Andrew Nikiforuk who has written an excellent book called *Slick Water: Fracking and One Insider's Stand Against the World's Most Powerful Industry*. It's published by the David Suzuki Institute and Greystone Books of Vancouver and Berkeley. Thank you, Andrew, for being with us tonight on Ecotopia.

Incarne

Ecotopia # 362

Slick Water

Date 2-16-16 2 of 3

Record of Public Discussion  
Ecotopia #364 Art and Nature Redux  
Date: 3/1/16  
Programmers: Susan and Stephen Tchudi



**Turn on Flash Drive**

Station ID: This is KZFR, 90.1, FM, listener supported community radio for the Sacramento Valley, the Foothills, and Beyond. \

**Steve:** Before we begin Ecotopia this evening, we want to introduce Jake Davis, President of 350.org here in Chico. He has an announcement concerning tonight's City Council meeting, which begins shortly. Welcome, Jake Davis.

**Steve:** Wrap. Thank you, Jake for coming down tonight and for the important work you are doing with Chico 350.org. Listeners, if you do take Jake's advice and head down to the City Council meeting, remember that you can always pick up a recording of our show at Ecotopiakzfr.com.

**Susan:** Underwriters.

**Steve:**

Music #1: Theme

This Week: This is Ecotopia on KZFR, exploring ~~ecosystems, environmental, social, technological.~~

~~Underwriters~~

Disclaimer: The opinions expressed on Ecotopia do not necessarily express the views of the staff, Board of Directors, volunteers, or programmers of KZFR.

Music #1:

David Wagner (~6:04 Pacific, 8:04 pm Wisconsin)  
Call (414) 221-6878  
Backup Cell: (414) 712-0863

**Steve:** This is Ecotopia on KZFR. Last week we spoke with two artists whose work is on display as part of an exhibit titled *Environmental Impact* that has been traveling around the country and is currently on display at St. Mary's College in Moraga. There are 75 paintings, photographs, prints, installations, and sculptures in the exhibit, and they deal topics ranging from industrial scale resource consumption and development to oil spills to the perils of nuclear energy to global warming to other environmental problems that impact the planet, its people, and its plants and animals.

The Curator of this amazing exhibit (which you can view online, if not in person) is David Wagner, who is also the author of *American Wildlife Art*, a book that documents artists' perceptions of nature from colonial times to the present.

Welcome, David.



Melvin Adeline Humatic  
and Bosphorus

1989

Roger Tony Peterson

**Susan:** Let's begin with the *Environmental Impact* exhibit. Please tell us more about it. How did you come to organize this exhibit? How did you reach the wide range of artists represented? What did you decide to include and why? [Listeners, you can view the exhibit on line via David's website, and we'll post that link on our web page. [http://davidjwagnerllc.com/Environmental\\_Impact.html](http://davidjwagnerllc.com/Environmental_Impact.html)]

2005

Rod Nash

--How does *Environmental Impact* differ from the usual art exhibit? What are its aims? [Note: 1.) to recognize, document, and share the work of leading contemporary artists who chose to focus their work on global as well as local environmental issues; and 2.) to heighten public awareness and concern about the degradation of diverse environments through the power of art.]

--Where else has *Environmental Impact* been on display? Can you characterize your audiences for us? Who comes to see the exhibit and thus be influenced by it?

--What do you see as the power of art to influence the viewers and increase public awareness of these issues? Does the exhibit send a "message"? Or, perhaps, is the impact more subtle than a "message"?

--Please tell us about your book, *American Wildlife Art*, which studies perceptions of wildlife from colonial times to the present. What kinds of changes and transformations did you document? Who are some of the artists whose work has influenced these changes (and viewers' perceptions of the natural world)?

[Our note from your notes: John White and Mark Catesby, on the New World. Audubon. Currier & Ives. Roger Tory Peterson. The influence of John Muir and Teddy Roosevelt. And the artists we interviewed last week, Robert Bateman and Kent Ullberg.] Marquand Books. <http://american-wildlife-art.com>

Genetically Modified Co

--How are YOUR perceptions of art, artists, and the environment evolving? What are your next projects?

--6:30 Chico, 8:30 Milwaukee. We've been talking with David Wagner, Curator of *Environmental Impact*, on display at St. Mary's College. And again, listeners, we'll be posting links to the exhibit as well as David's book on our website. You'll also find a link to a recording of tonight's program, and in case you missed it, our interviews last week with Robert Bateman and Kent Ullberg. Thank you, David, for being with us on Ecotopia.

1590s  
1869

Music #2:

MARLB. Stanford, La

2020

**Susan:** This is Ecotopia on KZFR. We recently learned that the Butte Environmental Council has won a grant from Energy Upgrade California for energy management education. In fact, this is a renewal and will be the second year that BEC has been engaged in the project, called Energy Upgrade California. The program coordinator is Becky Holden, and we are pleased to have her in the studio tonight to tell us about the project. Welcome, Becky.

--Please fill us in on Energy Upgrade California. Who are the sponsors? What are their aims? How is the program funded? How long has it been around.

--BEC is one of 25 winners of this grant award. Please tell us about your proposal to Energy Upgrade California. What will you be doing to implement the project? What have you done in the past year? Will your focus or efforts differ this coming year? We see that you will be exhibiting at the Soroptomist Home and Garden Show and at the Endangered Species Faire. Where else will you be exhibiting? Does the project include a schools component?

--We note that the project emphasizes "underserved" communities and populations. Where will you focus this aspect of your community work?

--The grant press release emphasizes BEC's success with community outreach, including both in-



GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

DATE: 3/2/13  
 PROGRAMMER: STEVE O'BRYEN  
 PROGRAM NAME: CELT RADIO  
 TIME SLOT: 9-11:30 AM

ISSUES DISCUSSED:  
RAY ODOM FROM HAMILTON CITY  
LIONS CLUB JOINED US TO SPEAK  
ABOUT THEIR FUNDRAISING  
DINNER AND PROJECTS  
FUNDED IN HAMILTON CITY  
IN GREEN COUNTY

GUESTS:  
RAY ODOM

LENGTH OF DISCUSSION(S):  
15 minutes



GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

Date: 2/19/16  
 Programmer/Host: Cheryl Nelson  
 Program: Peace & Justice  
 Time Slot: Tu 11:30 - 1p

(Only did 1st 30 min)

**Issue(s) Discussed:**

Discussed concerns about Syrian refugees & their  
plight. Melody is crowd funding - discusses what  
she will be doing, where & with whom.

**Guest(s):**

Melody Lippard, Cheryl Nelson, headed to  
Grecco w/ Sunflower program to greet &  
assist refugees.

**Length of Discussion(s):**

25 min





GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

Date: 2/26/16  
 Programmer/Host: Chris Nelson  
 Program: Peace + Justice Program  
 Time Slot: 11<sup>30</sup> - 1p. Fri.

**Issue(s) Discussed:**

11<sup>30</sup> - 12  
12<sup>00</sup> Helen Tracard of Women's International League for  
Peace + Freedom + Veterans for Peace discussed the work of  
those organizations + her project creating the re-erected  
"Golden Rule" sailing ships 1<sup>st</sup> used to block nuclear testing.  
12<sup>30</sup> Dr. Gayle Kimball spoke about her international data  
collection on youth movements as well as her work with  
 Guest(s): Pakistani girls

**Length of Discussion(s):**

25 min ea.



GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

Date: 5/18/14  
 Programmer/Host: Chris Nelson  
 Program: Peace + Justice Program  
 Time Slot: 11<sup>30</sup> - 1p

**Issue(s) Discussed:**

11<sup>30</sup> Brian Tervel - coordinator for Voices for Creative Non Violence spoke about US drone assassination program + his experience in Afghanistan

12<sup>00</sup> S. Brian Willson - Vietnam Vet, subject of Blood on the Tracks about his sacrifice at Concord Naval Weapons Station 1986. ASKed about war tax resistance + counter recruitment.

12<sup>30</sup> Ibrahime Fatin - Teacher from Baskiro Faso discussing the problems of his impoverished country & his water for schools project. He was in Chico as part of an international cultural exchange project

**Length of Discussion(s):**

25 min ea.



GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

Date: 3/24/16  
 Programmer/Host: Chris Nelson  
 Program: Both Views + Beyond  
 Time Slot: 6-7 Thurs.

**Issue(s) Discussed:**

Discussed issues of gun violence + the TV series  
created which attempt to create a dialogue and  
understanding between factions. The film is A Napran  
Under the Gun + it is in production + requires  
funding. The videographer + director/producer were  
my guest to describe the endeavor.

**Guest(s):**

Sue Hildebrand  
Dan Carter

**Length of Discussion(s):**

30min (in the 2nd 30min segment  
 Dan Carter interviewed Bill DeBrow,  
 videographer)





GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

Date: 3/25/16  
 Programmer/Host: Chris Nelson  
 Program: Peace & Justice  
 Time Slot: 11<sup>30</sup>-1p

**Issue(s) Discussed:**

11<sup>30</sup> Nicholas Jackson + Megan Sullivan discussed FriendsComm. on National  
 Legislation lobby weekend - the issues, the members of Congress they met,  
 what they learned & bring home with them.  
 12<sup>00</sup> Linda Furr + Jane Casa discussed legislation that would  
 prohibit the speech rights of the Boycott, Divestment, Sanctions Movement.  
 12<sup>30</sup> Mario Galvan discussed the Priscoll Farm worker organizing for  
 '0 ways + conditions' also his campaign for Congress 6<sup>th</sup> district.

**Guest(s):**

11<sup>50</sup>-10 min pre recorded interview by Bill Mash w/ Dave Garcia,  
 Ed Chairman of Truck Free Butte Co.

**Length of Discussion(s):**

20-25 min each.



GOLDEN VALLEY COMMUNITY BROADCASTERS  
 KZFR COMMUNITY RADIO 90.1 FM  
 341 Broadway, Suite 411  
 PO Box 3173  
 Chico, CA 95927

**RECORD OF PUBLIC ISSUE DISCUSSION**

Date: 3/23/16 / 4/20/16 / 5/19/16 / 6/1/18  
 Programmer/Host: DIANE SWAIN  
 Program: ONE WORLD MUSIC  
 Time Slot: 12:30 - 3pm

**Issue(s) Discussed:**

- 1) 3/23/16 ~~AD~~ AFGHAN REFUGEE GIRLS SCHOOL BANQUET
- 2) 4/20/16 LYME DISEASE FUNDRAISER
- 3) BILL MARTIN, AUTHOR OF ACTIVISTS' TAP TECHNIQUE
- 4) LATIN PROJECT
- 5) SUE HILDERBRAND, PROJECT: OPERATION UNDER THE GUN
- 6) BRIGETTE DANKOW - BERNIE SANDERS SUPPORTER/ACTIVIST  
HOW

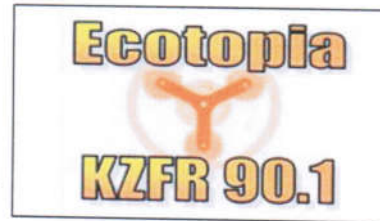
**Guest(s):**

- 1) ADAM WALTER 3/23/16
- 2) NICH FERRARI
- 3) BILL MARTIN
- 4) IN STUDIO LOCAL ~~LA~~ LATIN MUSIC GROUP SHIGEMI MIYATAKA
- 5) SUE HILDERBRAND
- 6) BRIGETTE ~~AND~~ DANKOW CONTACT

**Length of Discussion(s):**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Ecotopia 391: Catastrophes  
Date: 11 October 2016  
Programmers: Susan and Stephen Tchudi



NO FLASH RECORDING!!!

Station ID: This is KZFR, 90.1, FM, listener supported community radio for the Sacramento Valley, the Foothills, and Beyond. Up next, Ecotopia, looking at *The Cure for Catastrophe: How We Can Stop Manufacturing Natural Disasters*.

Music #1: Theme

This Week: This is Ecotopia on KZFR, exploring ecosystems, environmental, social, technological. Tonight's program features an interview that Susan and I recorded yesterday with Robert Muir-Wood, who is a researcher in risk management solutions and a professor at University College London's Institute for Risk and Disaster Reduction. We spoke with him in London about his new book, which argues that catastrophes, while originating in nature, are human and political in their consequences. He says, "though natural disasters are inevitable, the death and destruction are optional."

Underwriters

Disclaimer: The opinions expressed on Ecotopia do not necessarily express the views of the staff, Board of Directors, volunteers, or programmers of KZFR.

Music #2:

Tuesday, October 10  
12 noon Pacific/9 pm London  
Call Robert Muir-Wood +44-20-8741-1298  
[e-mail Robert.Muir-Wood@rms.com]

1-800-499-0332  
PIN 7377-616-4010

Steve: You're listening to Ecotopia on KZFR, and our topic in this program is *catastrophes*. Our guest on the phone from London is Robert Muir-Wood who is the chief research office of a company called "Risk Management Solutions." He also teaches at University College London's Institute for Risk and Disaster Management. His new book is entitled *The Cure for Catastrophe: How We Can Stop Manufacturing Natural Disaster*, arguing that although natural disasters are inevitable, we can take steps to predict, prepare for, and respond to them in ways that can save lives and partially avoid destruction. Welcome Robert Muir-Wood.

--Please start by giving us more of your background. What is Risk Management Solutions and what do you do for them? You note in the book that your interest in catastrophes and in writing this book go back more than thirty years ago. What got you started in disaster research?

[New question: Over this weekend, the world has been following Hurricane Matthew, with catastrophic loss of life and property in Haiti, and considerably fewer deaths and less destruction in Florida and the Carolinas. Could you give us an explanation of Matthew in terms of the theses of your book that



catastrophes are often of human “manufacture” and that they are “political” in origin?]

[Delete in favor of previous question.] --At the very beginning of the book, you state that “Disasters are political.” But the catastrophes you describe have their origins in nature. How do they become political? (Hoover, Mao, Castro)

--You have several fascinating chapters on the history of humans' interpretations of disaster (word derived from the Greek “bad star”). What are some of the ways in which religious or mythical or supernatural interpretations have influenced people's response and reaction to natural disasters? Does saying that a disaster is the will of the gods make people fatalistic or superstitious and less likely to prepare? (crusades, ringing the church bells)

--You describe the Lisbon earthquake as “catastrophe year zero.” What happened in Lisbon? How did it influence the ways in which people began to think about disasters?

--What were (some of) the origins of scientific study of natural disasters? How did it progress? You also note that “denialism” slowed growth of the field. Who would deny or argue against the notion that scientific research could be helpful? (San Francisco boosterism).

--Your history of disasters also includes a detailed analysis of construction techniques and how they have and have not protected buildings and people. In the children's story, we're usually told that of the three little pigs, the brother who built his house out of brick was the wise one who avoided the wolf. What is your retake on that story? (“What is the deadliest white powder sold on the street, first synthesized in the nineteenth century?”)

You are listening to Ecotopia on KZFR, and we're talking with Robert Muir-Wood author of *The Cure for Catastrophe*, recently published by Basic Books. We'll take a short break and then pick up the conversation by asking about risk analysis and how it fits in to disaster anticipation and response.

Break

This is Ecotopia on KZFR, exploring ecosystems: environmental, social, technological. Our guest tonight, Robert Muir-Wood, bridges all those ecosystems in his book, *The Cure for Catastrophe*, as he looks at natural disasters and social and technological responses to them.

--In the first part of the program, we spoke mostly about the (fascinating) history of disaster studies. Let's turn now to how risk assessment and analysis has changed. Your company, Risk Management Solutions, was created in 1988. What had happened in science, technology, and computer modeling to make it viable (e.g., raising \$2 million in venture capital by 1991)?

--How is risk management linked to the insurance industry?

--At one point in the book, you catalog a series of disasters taking place in the late 1980s: hurricanes, oil platform breakdowns, earthquakes, windstorms, a supertyphoon, wildfires. How does risk management even begin to quantify or make predictions based on such events?

--We'd like to ask specifically about the Fukushima Daiichi disaster in 2011. Why was this such a predictable/unpredictable disaster? Should the planners have known? What were the breakdowns and

how might better risk assessment have staved off disaster?

--How do you see risk assessment as being affected by global climate change? In particular, how can we separate isolated anecdotes (damn it's hot this summer) from long-range influences (we'd better get used to hot summers)? (tipping points)

--You write that "we need both disaster policy and disaster culture." Please explain that distinction. How would/will that play out in the future?

--Who is Dr. Resilience and what are some of his remedies? Can we, as your book subtitle suggests, "stop manufacturing natural disasters"?

Our guest on the phone from London has been Robert Muir-Wood, author of *The Cure for Catastrophe: How We Can Stop Manufacturing Natural Disasters*, recently published by Basic Books. We found it a fascinating, deeply researched, and challenging book. Thank you for being with us on Ecotopia.

Music #4

Notes on Haiti:

BBC: "Hurricane Matthew: Haiti resilience tested once again." Tony Brown.

CNN "How Haiti can recover from Hurricane Matthew's devastation," by Joseph Peniel arguing that compassion and immediate aid are insufficient; the world needs to take more effective steps to solve Haiti's political and economic problems, many of which were created by advanced countries, including the U.S., its occupation of Haiti, and economic manipulation.

Underwriters

Forward Promos:

Next Week on Ecotopia:

Wrap: You have been listening to Ecotopia on KZFR, 90.1, Chico, exploring ecosystems, environmental, social, and technological.

Be sure to check our website for recordings of previous show and announcement of upcoming programs. We also have a growing resources page with web links that have been mentioned by our guests. We're at [www.ecotopiakzfr.com](http://www.ecotopiakzfr.com).

We'd also love to hear from you by e-mail with reactions to our programs as well as suggestions for future topics. The e-mail is [ecotopiakzfr@gmail.com](mailto:ecotopiakzfr@gmail.com).  
Thanks for listening

Theme