

Multi-Media

BIL EFCs

Other EFCs

Environmental Finance Center



A Bit About EFCs

Presented By Heather Himmelberger, P.E. Director, SW EFC

My Perspective Is Unique

Came 2 Years after the EFCs started (1992 began the EFCs, I came in 1994)

Longest serving EFC person at EPA or EFCs

Was instrumental in the formation of the EFCN

EFCN was signed into existence in ABQ at my EFC

Wrote the first EFCN-Wide Proposal Ever (Led the effort to make this happen)

Was associated with EFAB from 1996 to 2019 so long history there too (but not recent history)

Disclaimer:

I am speaking for myself and my perspectives. I feel it is important to share my viewpoints to better understand who and what we are. I am NOT saying that we are better than any other organization that has been named an EFC under recent projects, just that we are different in important ways that should be described.

Also, I'm a whole lot closer to the end of my career than the beginning, so what I'm going to say may be a bit more blunt than what I might have said a lot earlier in my career.

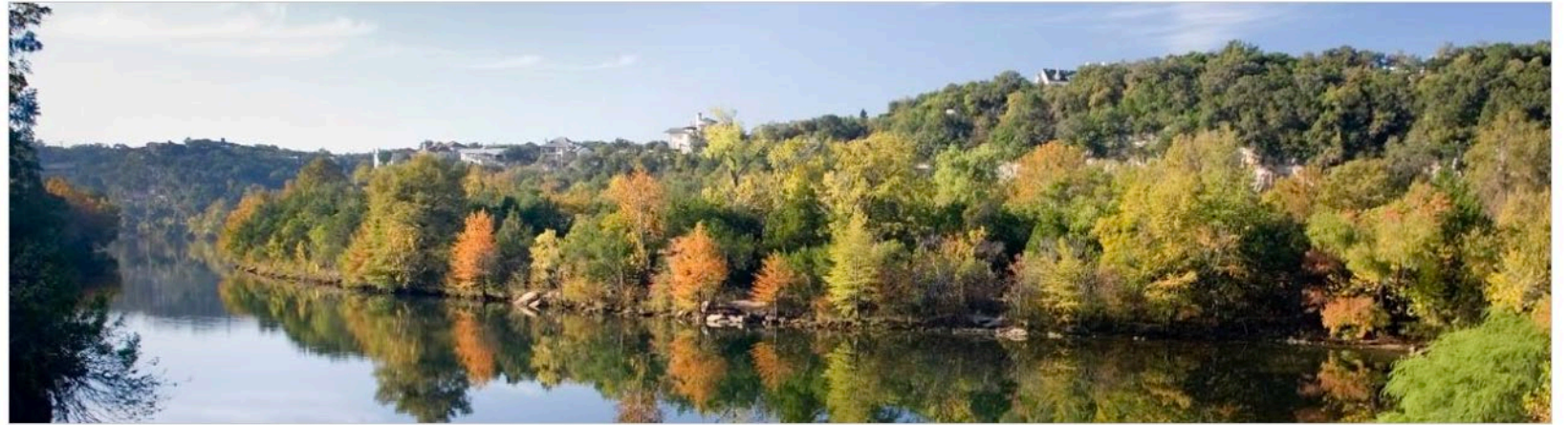
What really makes a
university EFC an EFC?

Neutral/Neutrality

TWICC

Texas Water Infrastructure Coordination Committee

[Home](#) [Goals](#) [Members](#) [Resources](#) [Meeting Information](#) [Contact Information](#)



What Is TWICC

The Texas Water Infrastructure Coordination Committee (TWICC) is a one-stop shop for information on funding eligibility or technical assistance for water systems facing infrastructure or compliance issues. TWICC is a collaborative effort by State and Federal government agencies and technical assistance providers promoting an efficient process for affordable, sustainable, and innovative funding strategies for water and wastewater infrastructure projects that protect public health.

What can TWICC do for you?

To request technical assistance or receive eligibility information regarding the financial and technical assistance programs administered by TWICC members, simply complete and submit a [TWICC Funding Inquiry Form](#). A basic overview of each financial assistance program is available in our [Funding Resources Guide](#). Water and wastewater system representatives may also participate in TWICC meetings in person or via conference call to discuss their specific infrastructure or compliance concerns.

Upon request, TWICC members also conduct local workshops to present information tailored to the needs of a specific region. Please [contact us](#) to request a TWICC workshop in your region.

Resources

[Funding](#)

[Technical Assistance](#)

[Disasters/Urgent Needs/Drought](#)

[Water Loss/Leaks/Conservation](#)

[Nonpoint Source Solutions](#)

[Feasibility Studies](#)

[Drinking Water Watch](#)

[Drinking Water Advisory Work Group](#)

[FaucetFacts](#)

EFC
Neutrality
Enabled
and
Facilitated
the
Formation

Problem Solvers/Results
Oriented

Tribal Country



	Total #’s	current violations	%	Sig Violations	%	Violations in last 3 years	%	formal enforcement actions	%	Informal Actions	%	M&R	%
Non Tribal	7739	2,264	29	428	6	4,526	58	970	13	5024	65	1,037	13
Tribal	52	8	15	2	4	29	56	2	4	32	62	0	0

Innovative

GWR Violations in NM

Started with 2 NM Roundtables (virtual since during COVID)

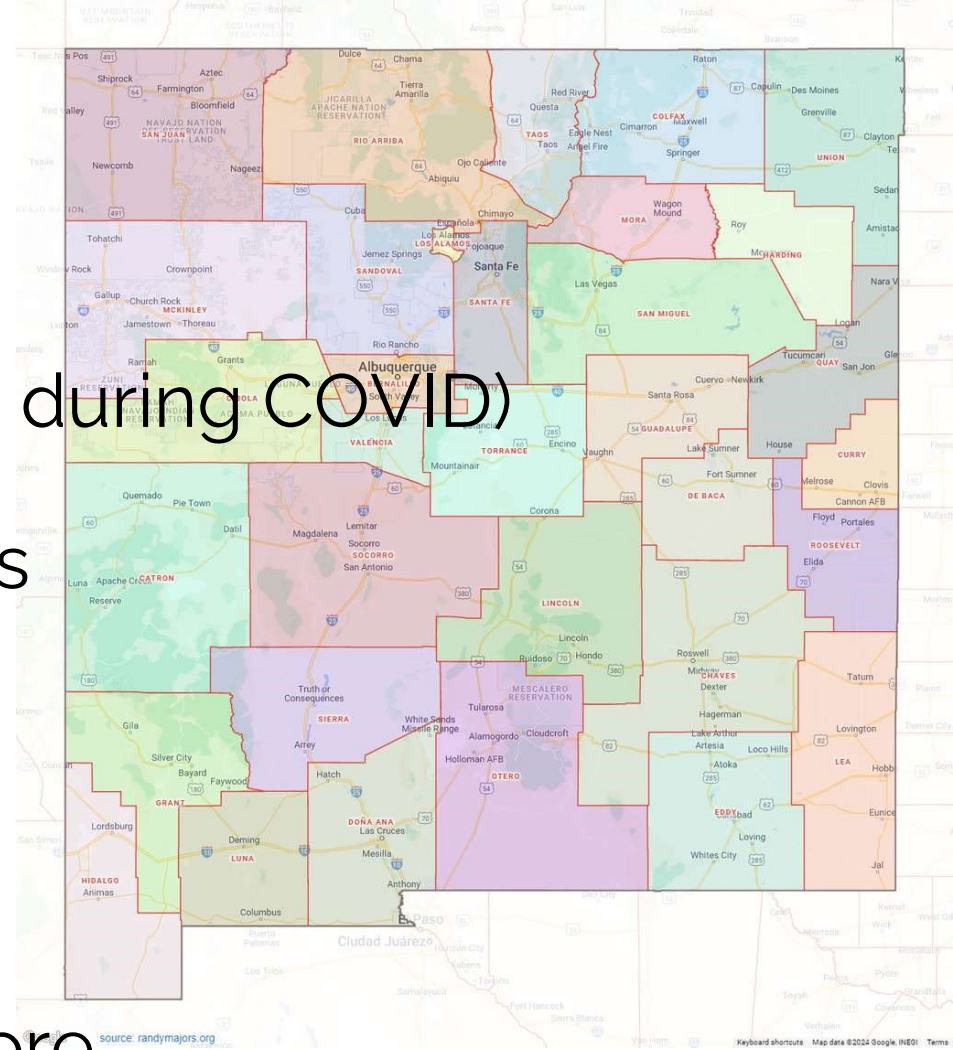
Working with systems under several projects

Resolved 38 violations

Working on resolving another 69 violations

Continuing to work with others to resolve more

(Some systems refuse to take any action)



Catalyst for Change

A.M. KAN WORK!

An Asset Management and Energy Efficiency Manual



Helping Water and Wastewater Utilities Achieve Sustainability
Through Sound Management Practices

Sponsored by:



<http://www.kdheks.gov>

Prepared by:



Southwest
Environmental
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Center

Integrated Asset Management Framework: Combining Green and Gray Assets

Introduction

Level of Service

Current State of the Assets

Criticality

Life Cycle Costing

Long-Term Funding

Energy Management

Green Asset Resource DB

Acknowledgements

Examples of GI

Search

Integrated Asset Management Framework: Combining Green and Gray Assets



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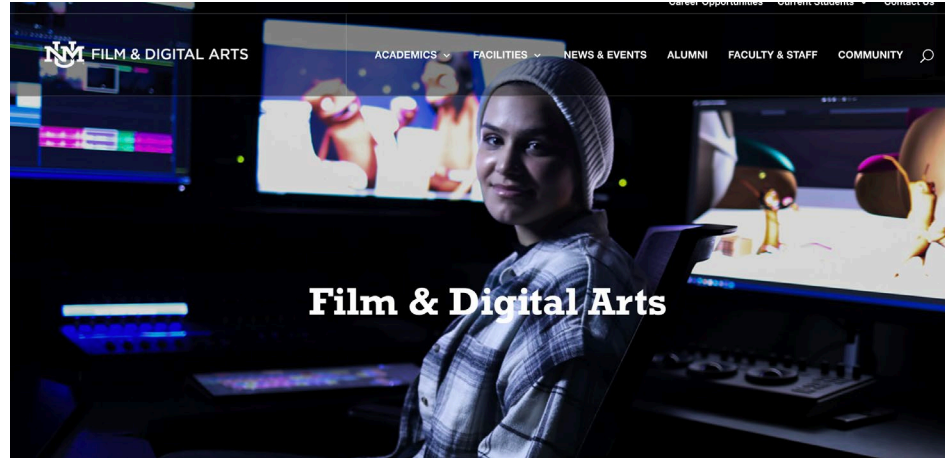
**SPRING
POINT
PARTNERS**

Southwest Environmental Finance Center

Phone: (505) 277-0644

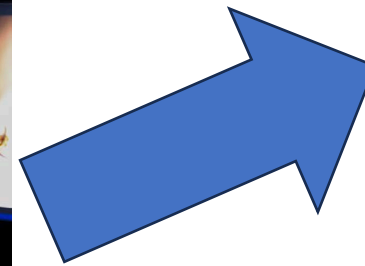
Email: swefc@unm.edu

Access to Lots of Other
Resources



Southwest EFC
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 The Southwest Environmental Finance Center (SW EFC) is a program of UNM's Center for ...more
[swefc.unm.edu](#) and 2 more links
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NM-INSPIRES



Modeling the Santa Fe watershed: not just water

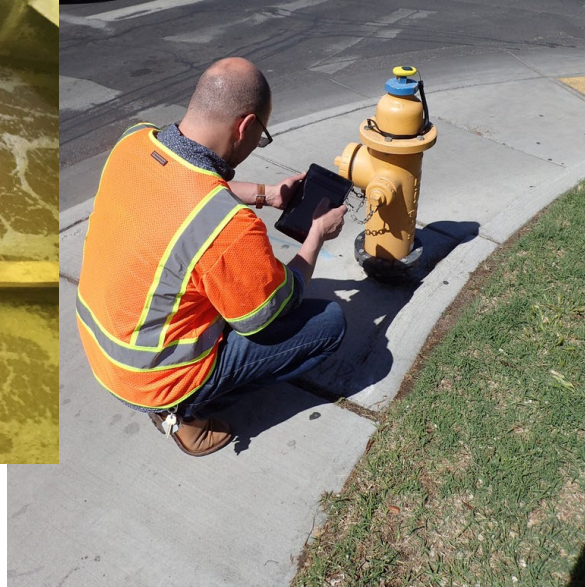
For the Santa Fe Watershed System Modeling Workshop, an interdisciplinary group of researchers got together virtually with the task of characterizing the Santa Fe watershed as a dynamic system model. In order to complete the task, a hired researcher:

- DRY 1** DISCOVER AND DEFINE VARIABLES INFLUENCING THE WATERSHED.
 - System variables are elements or parts of the system that can be measured and changed over time. Subsystems are defined over time. Commonly, they are defined by their boundaries and interactions with other subsystems.
- DRY 2** PRODUCE RESEARCH AND MANAGEMENT QUESTIONS.
 - Researchers identify the key variables that influence the system and determine what information is needed to answer the questions.
- DRY 3** MODEL SUBSYSTEMS IN ORDER TO ADDRESS RESEARCH QUESTIONS AND CHALLENGES.
 - Researchers created conceptual system models using stock and flow diagrams to more clearly explore the watershed challenges.
- DRY 4** MAKE CONNECTIONS ACROSS SYSTEMS.
 - After subsystems were refined using trade flow diagrams, researchers then developed inter-subsystem linkages across the subsystems.
- DRY 5** RESULTS AND WORK NEXT STEPS.
 - Researchers reviewed the final system models and shared the next steps for answering the research questions and challenges in their respective research.
 - Integrative findings in this research-based workshop can be used to guide decision-making. Reviewing pictures and themes impacting the SF watershed, then define

Created by: Constantia Kramer

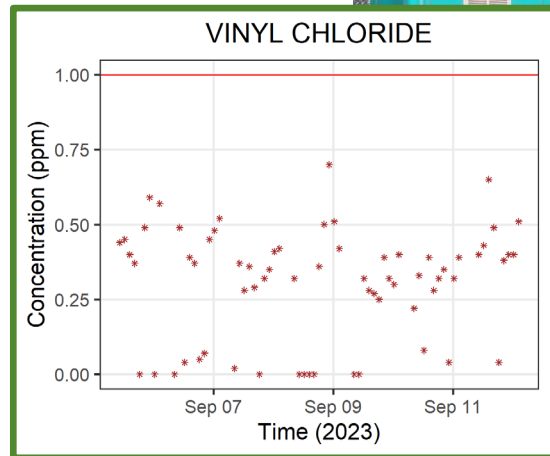
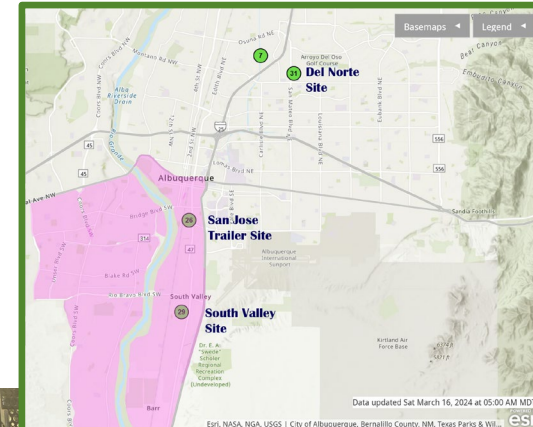
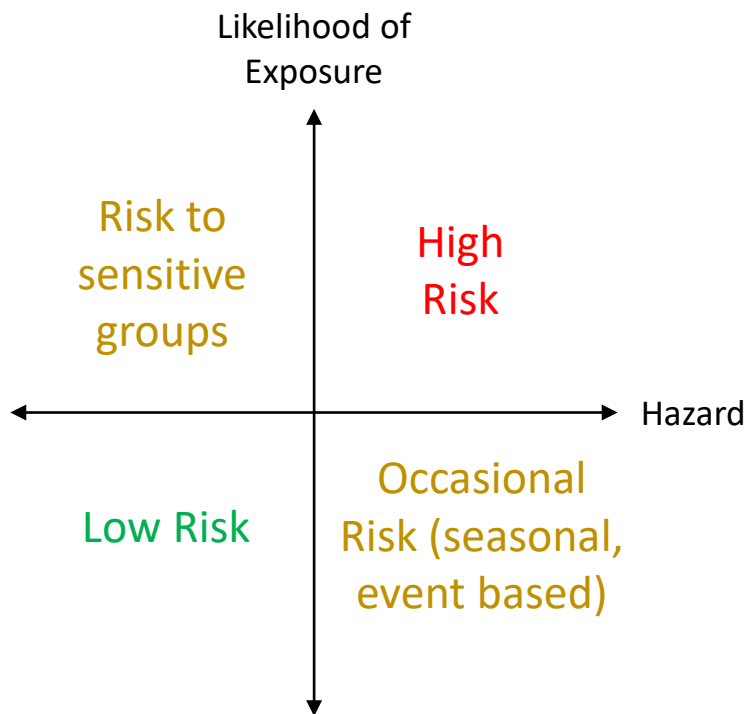
STUDENTS

Water/Wastewater/
Stormwater



But not just water...

Partnership with the City of Albuquerque to Synthesize and Communicate Data from the San Jose Pool Air Quality Monitoring Trailer



Collaborating



MOU and Bylaws
signed in ABQ in 2002

EFCN is a
product of the
EFCs Not EPA



I'd say the power of the EFCN is not clearly understood by EPA

What makes us special is a strong bond, collaboration over years, lack of competition among us. Just calling someone an EFC doesn't make it the same.

Why the EFCN?

We needed to establish rules for collaboration

We wanted collaboration at the exclusion of competition

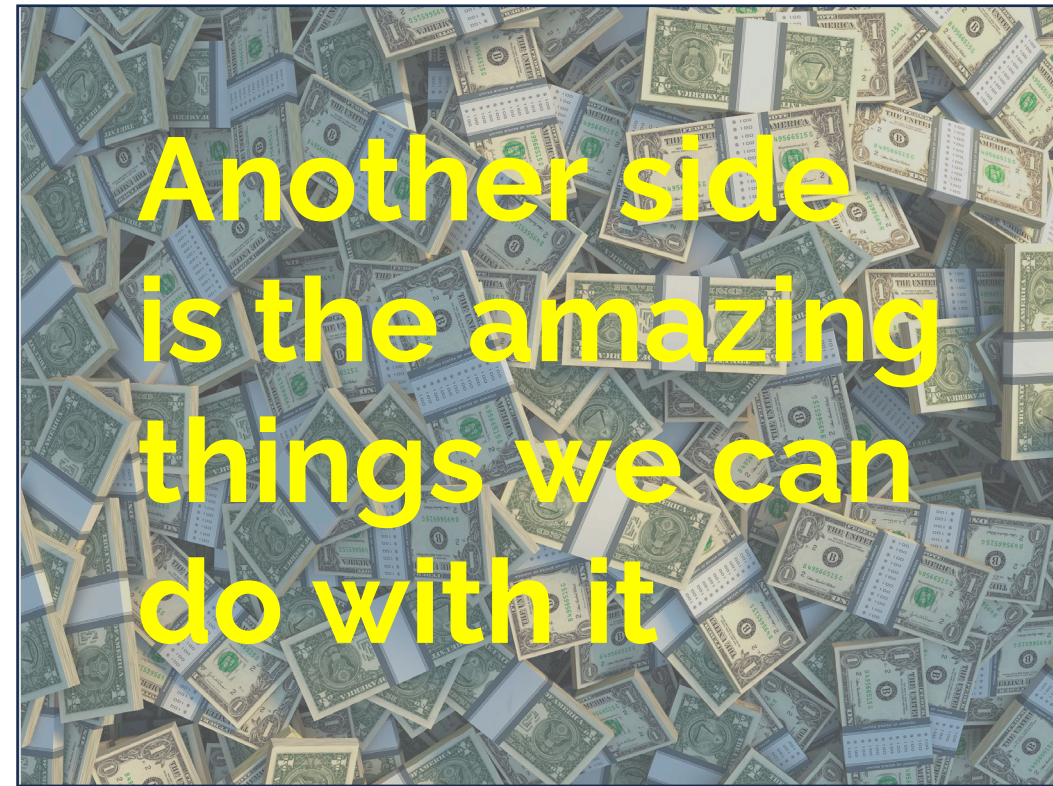
We wanted to take advantage of the power of a network of different skills and expertise

We wanted a way to continue in the absence of EPA Base Funding

EPA was pushing for a non-profit entity but that was not possible

Investment


One side is the money from EPA specifically for the MM EFCs (a.k.a., base grant)



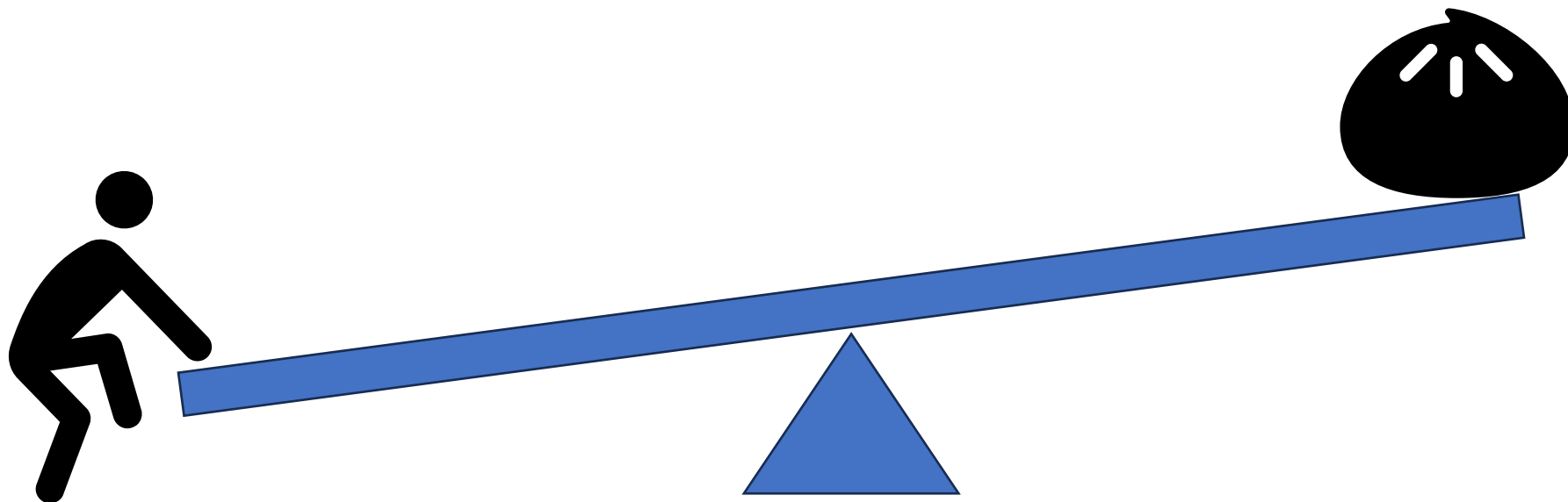


Another side
is the amazing

S EPA has not viewed the MM EFCs as important enough. More funding for the basic EFC is needed. There is specific project money available but there needs to be more EFC general dollars. EPA is missing out on innovation!!!



LEVERAGE



We leverage our funds with a wide array of other sources, including other federal, state, local, and philanthropic funds. We leverage heavily; in part to ensure our longevity.

We are different

EVERYTHING WE DO IS EFC, NOT JUST A
SPECIFIC PROJECT. WE'RE HERE TO STAY
NO MATTER WHAT MONIES COME AND
GO!!!



We don't advocate/we're not advocacy organizations

Within the University setting we are also very different and not always well-understood even by our own institutions.

Calling something an “EFC” does not make that organization similar to the traditional EFCs.

I understand EPA wanting to take advantage of the EFC success, but the way they are going about this is not necessarily going to get EPA where it wants to go.

Wrap Up



I've been in the EFC world for 30 years now. I'm still here because it is a great program. It is something I thoroughly believe in but I don't think the value of the EFCs or what makes us special is widely understood.





SOUTHWEST
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Heather Himmelberger
heatherh@unm.edu
(505)681-7437

Department of Civil Engineering
MSC01 1070
1 University of New Mexico
Albuquerque, NM 87131
505-277-0644
swefc@unm.edu
<http://southwestefc.unm.edu>