Wicked Problems & Wise Cities: Building Community Capacity for Authentic and Productive Engagement

Martín Carcasson Director of the Center for Public Deliberation Professor, Department of Communication Studies



Dedicated to enhancing local democracy through improved public communication and community problem solving

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Workshop materials folder: https://col.st/XlzYL

Reframing Democracy through a **Wicked Problems Lens**

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□ When poll is active, respond at pollev.com/csucpd210

☐ Text CSUCPD210 to 37607 once to join

Which statements best describe your view of the current quality of public discussion and debate? (choose up to three)

High quality, informed

Mean-spirited

Polarized

Simplistic

Dominated by a few loud voices

Dominated by experts

Weak/limited, people are apathetic

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CPD Projects, 2006-2021

- Civic mission of schools
- Grade configuration of Poudre School District •Politics of food
- Statewide dropout rate
- Colorado Health Care Reform
- Student housing
- Improving higher education
- Childhood obesity
- Bicycle safety
- **Diversity Dialogues at CSU Diversity**
- STEM education in K-12
- Arts Engagement Summit
- CSU/Old Town collaborative project
- School budgeting issues/school closures
- Medical Marijuana
- Regional visioning process
- Water and growth issues
- **Poverty in Larimer County**
- PSD Student Think Tank facilitator group
- K-12 school improvement
- Improving higher education through student-faculty reciprocity
- Politics of food
- Issues surrounding aging

- Early childhood education
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- · On campus stadium proposal
- Senior transportation
- · Campus smoking
- · School safety
- Bullying
- Mental health
- Nature in the City
- Larimer County Landfill/Wasteshed
- · Diversity and Inclusion in Fort Collins
- CSU Innovation and Economic Prosperity
- CSU parking and affordable housing
- Backyard wood burning
- Housing affordability
- Fort Collins City Plan
- K12 substance abuse
- City sales tax proposals Data and democracy
- ·Housing and health equity
- · Intergenerational dialogues
- Decarbonization of electricity/Platte River
- CSU Strategic plan



Overview: Three Key Arguments

#1 – The Basic Reality

Most of the key problems we face are best understood through a wicked problems lens

#2 - The Bad News

Human nature and many of our primary institutions and processes are woefully ill-suited to address wicked problems

#3 – The Hopeful News

Once we realize #1 and #2, we can build capacity for the kinds of conversations, processes, and institutions that cultivate the wisdom so critical to addressing wicked problems, particularly at the local level







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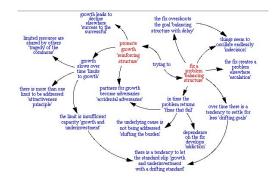
Once we realize #1 and #2, we can build capacity for the kinds of conversations, processes, and institutions that cultivate the wisdom so critical to addressing wicked problems, particularly at the local level







Wicked problems inherently involve competing underlying values, paradoxes, and tradeoffs that cannot be resolved by science.





Key Deliberative Responses

- 1. Balancing (the long-term focus)
- 2. Prioritizing/Re-calibrating (short term corrections)
 - 3. Transcending (short term ideal)

HEALTH CARE AS A WICKED PROBLEM



FOOD AS A WICKED PROBLEMENT OUR FOOD TO BE: **Delicious** Inexpensive Fresh **Nutritious** Safe Long lasting **Ethically grown** Our choice Convenient (labor/animal welfare) (Accessible, Easy to prepare) Supportive of a Supportive of an Grown and Supportive of local economy agriculture delivered in an efforts to reduce community environmentally hunger locally and responsible manner globally

Competing Values in Downtown Fort Collins

- Aesthetics/Beauty
- Compassion
- Diversity/Inclusivity
- Economic health/vitality
- Effective use of public resources
- Equality
- Excitement/fun
- Family

- Individual freedom
- Individual responsibility
- Individual rights
- Justice/Fairness
- Public health/
 environment
- Respect for law
- Respect for others
- Safety



Capitalism or Sustainability as a Wicked Problem

- The "Triple Bottom Line" of
 - Profit (economics, also tied to jobs and taxes)
 - People (social justice, equality, fairness)
 - Planet (environment)





We the People of the United States, in Order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defense, promote the general Welfare, and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish this Constitution for the United States of America.

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Key American Values

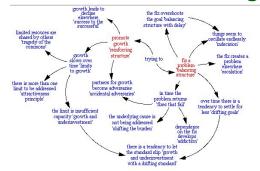
Preamble	Current Phrasing
Justice	Justice
Domestic Tranquility/ Common defense	Security/Safety
General Welfare	Equality
Liberty to ourselves	Freedom (for us)
Liberty for our posterity	Freedom (for future generations)/Sustainability

American Value	s as a Wicked Problem	
***	1. Justice	
****	2. Security/Safety	
3. Equality	4. Freedom for us	
5. Freedom for future generations (sustainability)		



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Wicked problems inherently involve competing underlying values, paradoxes, and tradeoffs that cannot be resolved by science. They call for ongoing high quality communication, creativity, and broad collaborative action to manage well.



Inherent Democratic Tensions

- Freedom and Equality (and Equality and Equity)
- Our Freedom and Freedom of Future generations (Sustainability)
- · Freedom and Security
- Justice is a tension within itself (justice as the ideal between too much and too little credit or punishment)

Some others

- Short term and long term
- Individual rights and community good
- Unity and diversity
- Cooperation and competition
- Structure and agency (or opportunity and individual responsibility)
- Flexibility/Innovation and Consistency/Tradition
- Best use of resources (money, time, people)



What questions do you have or topics would you like to dig deeper on? (you can add new ones or vote on existing ones)?

Top

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NEW YORK TIMES BESTSELLER THE RIGHTEOUS MIND WHA' WHY GOOD I'm THE DEATH The DOOF EXPERTISE You're Idiot The Campaign Against Established Knowledge and Why it Matters THE TOXIC STATE OF PUBLIC DISCOURSE AND HOW TO CLEAN IT UP TOM NICHOLS James Hoggan with Grania Litwin DA FOREWORD BY WRAY HERBERT

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What Are We Learning from Brain Science and Social Psychology?

The Problematic

We crave certainty and consistency
We are suckers for the good v. evil narrative



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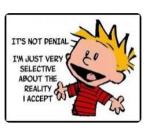




What We Are Learning from Brain Science and Social Psychology?

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We crave certainty and consistency
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We filter & cherry pick evidence to support our views



What We Are Learning from Brain Science and Social Psychology?

Stages of motivated reasoning

What and who we expose ourselves to

selective exposure / echo chambers/ filter or media bubbles



What We Are Learning from Brain Science and Social Psychology?

Stages of motivated reasoning

What and who we expose ourselves to

selective exposure / echo chambers/ filter or media bubbles

How we interpret new evidence

confirmation bias, backfire effect, cognitive dissonance



How we interpret new evidence

"when we want to believe something, we ask ourselves, 'Can I believe it?' Then...we search for supporting evidence, and if we find even a single piece of pseudo-evidence, we can stop thinking.... In contrast, when we don't want to believe something, we ask ourselves, 'Must I believe it?' Then we search for contrary evidence, and if we find a single reason to doubt the claim, we can dismiss it"

Jonathan Haidt and Tom Gilovich

What We Are Learning from Brain Science and Social Psychology?

Stages of motivated reasoning		
What and who we expose ourselves to	selective exposure / echo chambers/ filter or media bubbles	
How we interpret new evidence	confirmation bias, backfire effect, cognitive dissonance	
How we make attributions and tell stories	egoism, illusory correlation, negativity bias	

What We Are Learning from Brain Science and Social Psychology?

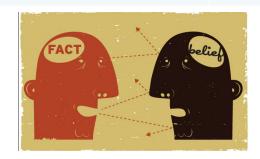
Stages of motivated reasoning

What and who we expose ourselves to

selective exposure /
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Bush: 'Too often we judge other groups by their worst examples, while judging ourselves by our best intentions'



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How we make decisions	heuristics, self-serving bias, social proof	

What We Are Learning from Brain Science

The Problematic

We crave certainty and consistency
We are suckers for the good v. evil narrative
We strongly prefer to gather with the like minded
We filter & cherry pick evidence to support our views
We avoid values dilemmas, tensions, and tough choices



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How we make decisions	heuristics, self-serving bias, social proof	
What we remember	availability bias	

The Vicious Cycle of Exaggerated Polarization

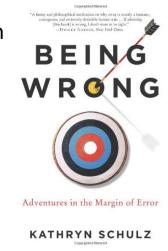
Individually developed subconscious biases

The Vicious Cycle of Exaggerated Polarization Individually developed subconscious biases Negative interaction effects

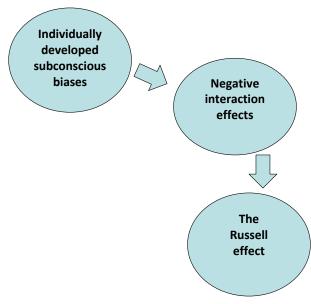
Negative Interaction Effects

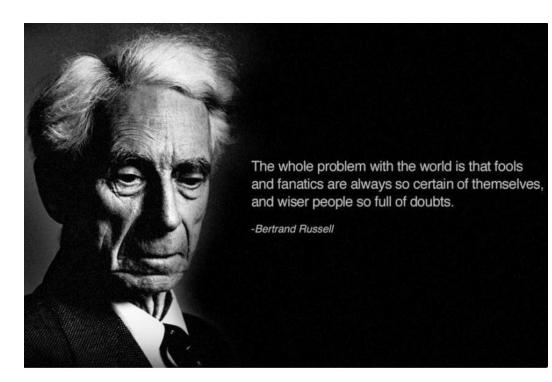
Kathryn Shultz – Being Wrong

- First step: Ignorance assumption
- Second step: Idiot assumption
- Third Step: Evil assumption



The Vicious Cycle of Exaggerated Polarization





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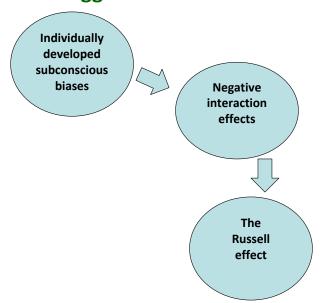
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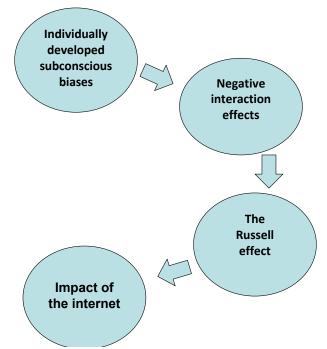




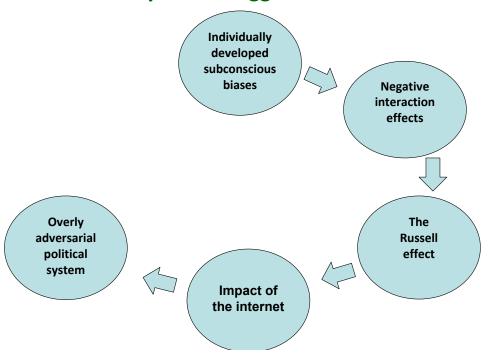
The Vicious Cycle of Exaggerated Polarization



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The Vicious Cycle of Exaggerated Polarization



Drawbacks of an Overly-Adversarial Political System

- Plays into flaws of human nature
- Often focuses on "winning" vs. solving problems
- Zero-sum game incentivizes "bad" communication, strategic research, and problematizes implementation
- Often focuses on blaming (them) vs. taking accountability (us)
- Relies on narrow value frames (thus avoids tensions)
- Attracts/privileges organized, entrenched voices
- Negative side effects like polarization, cynicism, and apathy (which then cause even worse communication)
- Assumes a narrow role for citizens (citizens as voters, consumers, or spectators)

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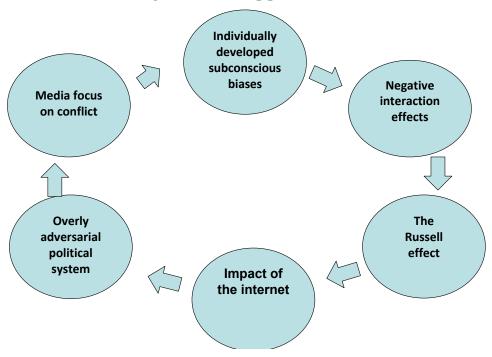
Consider our Typical Public Processes

- Our two-party system
- Campaigns, referenda, and elections
- "Town halls"
- Interest groups and lobbyists
- Political debates
- Congressional deliberations and legislative debate
- Social media political engagement
- Citizen comment and public hearings
- Expert panels
- Letters to the editors
- Emails and email campaigns to policymakers

Key Problems with our Typical Public Processes

- Engage too late in the process when issues are simply framed as "yes" or "no" and teams are already set
- Primarily provide opportunities for individual or group expression
- Caters to entrenched and organized voices
- Little to no effective interaction or learning/refinement of opinion

The Vicious Cycle of Exaggerated Polarization

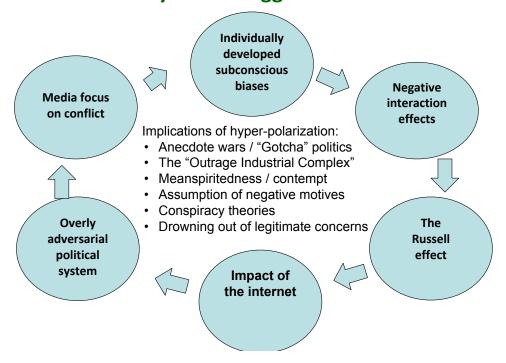


Why Experts Can't Save Us (though they can certainly help when used well)

- Experts by definition are focused on a specific, narrow aspect of the problem (i.e. they struggle with wicked problems).
- Experts often focus on being "value free" (they tell us what is or what could be, not what should be)
- Expert perspectives can overemphasize what can be measured and underemphasize what cannot
- Good data is undermined in a polarized environment
- Facts don't change minds or behavior
- Expert dominated processes shut out the public



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Key Steps for Local Communities

Adopting a wicked problems mindset

Short term

Long term

The Wicked Problems Mindset

- Presume wicked problems, not wicked people
- Become more comfortable with uncertainty

Traditional v. Facilitative Leadership

Traditional

- Strong opinion
- Charisma
- Public speaking skills
- Mobilization of the like-minded

Facilitative

- Strong on process
- Trust and respect
- Facilitation skills
- Collaboration between broad perspectives

The Wicked Problems Mindset

- Presume wicked problems, not wicked people
- Become more comfortable with uncertainty
- Focus on elevating the conversation not just winning the argument
- Put your energy toward identifying, engaging, and negotiating inherent tensions
- Work toward creating a learning community

Key Steps for Local Communities

- Adopting a wicked problems mindset
- Better processes tap into different aspects of human nature

Short term

Long term

What We Are Learning from Brain Science

The Problematic

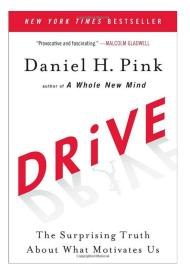
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What We Are Learning from Social Psychology and Brain Science

The Good

We are inherently social and seek purpose and community



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We are inherently social and seek purpose and community
We are inherently empathetic
We are inherently pragmatic and creative

What Are We Learning from Brain Science and Social Psychology?

The Good

We are inherently social and seek purpose and community We are inherently empathetic

We are inherently pragmatic and creative

We can overcome our bad tendencies and build better habits



The Four Key Shifts of Deliberative Engagement

- From wicked people ② to wicked problems
- From adversaries

 ☐ to collaborators
- From inciting the worst of human nature
- to bringing out the best of human nature
- From facts as cherry picked ammunition or "fake news"
- to facts as tools for addressing problems together

What We Are Learning from Social Psychology and Brain Science

Bottom line: The most powerful thing to help people overcome their biases and tackle wicked problems well is genuine conversation with people they respect.



Key Steps for Local Communities

- Adopting a wicked problems mindset
- Better processes tap into different aspects of human nature
- Build local capacity for deliberative engagement

Short term

Long term

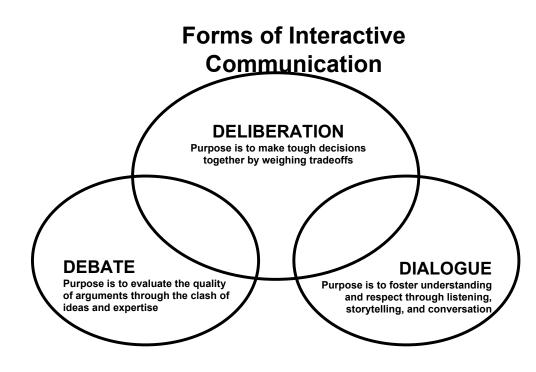
What is Deliberative Engagement?

Community problem-solving
Collaborative problem-solving
Participatory decision-making
Slow democracy
Strong democracy
Multi-stakeholder dispute resolution
Public participation
Democratic governance
Collaborative governance
Organic or community politics
Consensus building or seeking processes
Organic politics

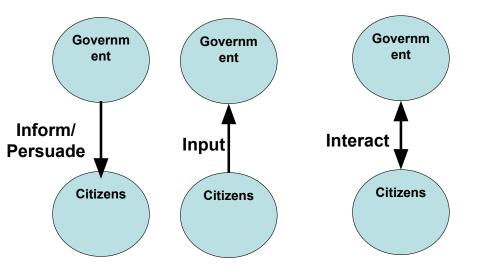
Key Components of Deliberative Engagement

- Overall deliberative framing
 - Wicked problem, multiple approaches, broad range of actors, starting discussion "upstream" (before polarization)
- Discussion guides/backgrounder
 - Base of information, something to react to, framed for deliberation, not persuasion
- Small, diverse, representative groups
- Processes designed for interaction and learning



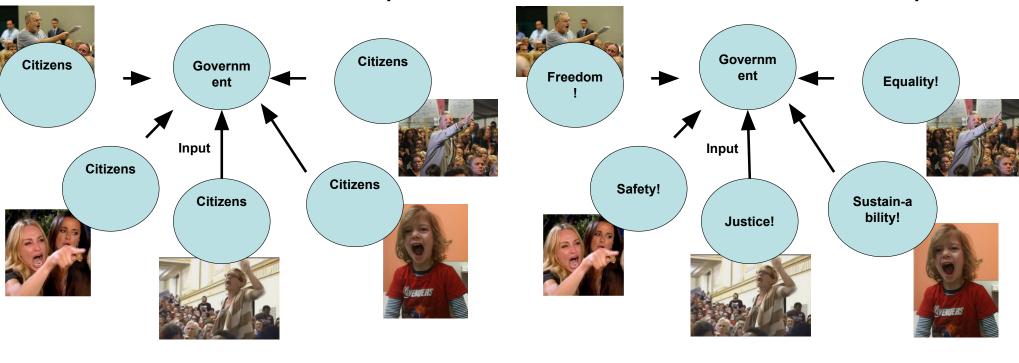


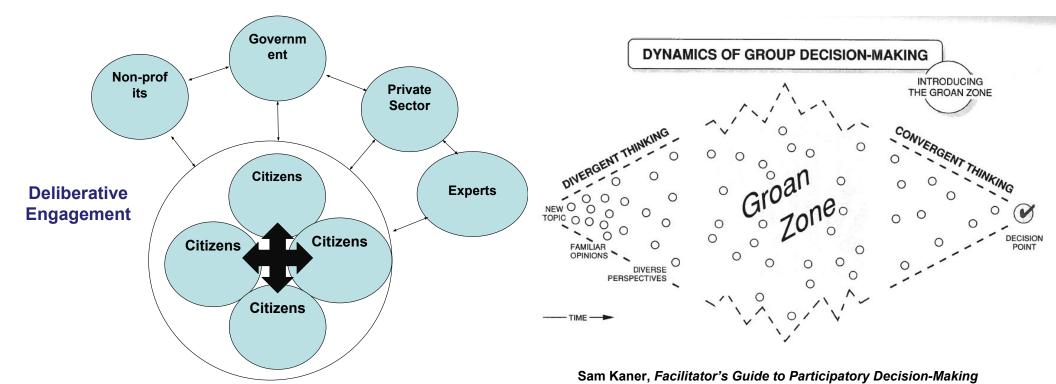
Traditional Forms of Public Engagement

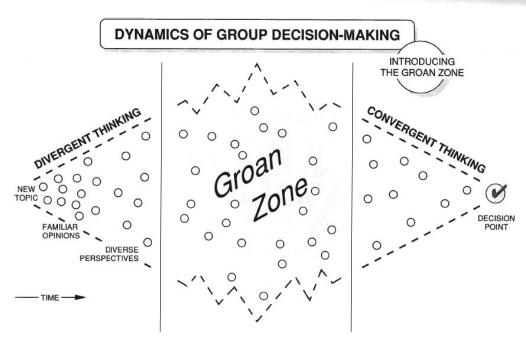


Traditional Forms of Public Participation

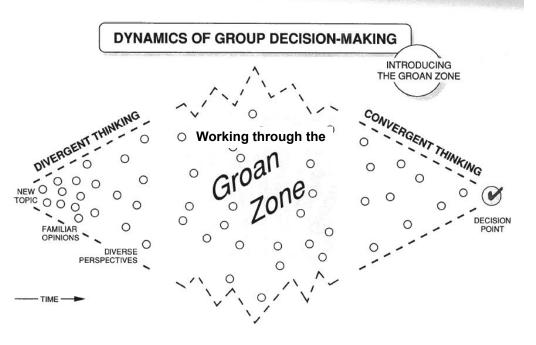
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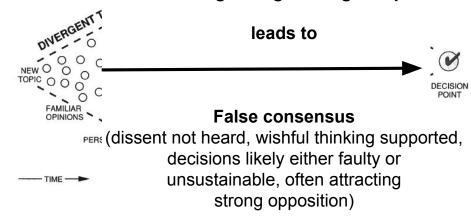




Sam Kaner, Facilitator's Guide to Participatory Decision-Making

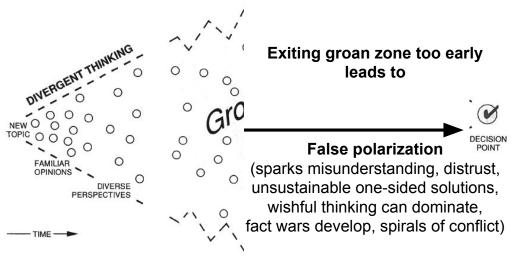


Not allowing enough divergent opinion



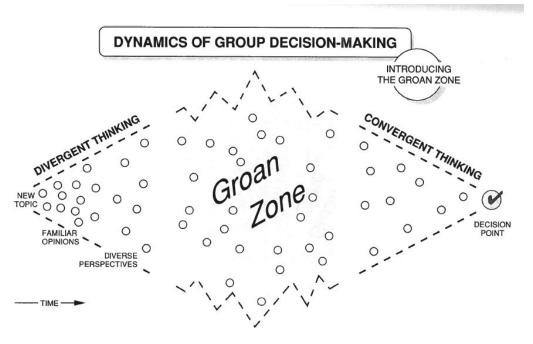
To avoid false consensus:

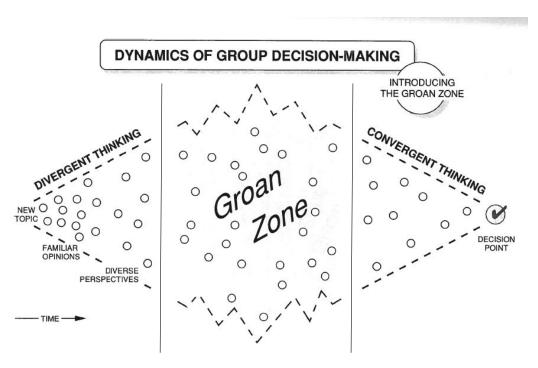
Communities need better processes to insure adequate divergent thinking and that voices are heard.



To avoid false polarization:

Communities need better processes to help them interact and work through tough issues. Key elements include trusted conveners, high quality issues framing, and opportunities for genuine interaction.





To avoid paralysis by analysis:

Communities need better processes for convergent thinking and moving from talk to action

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- Discussion guides/backgrounder
 - Base of information, something to react to, framed for deliberation, not persuasion
- Small, diverse, representative groups
- Processes designed for interaction and learning
- Deliberative facilitators



Sam Kaner, Facilitator's Guide to Participatory Decision-Making

In the End, We Must Elevate the Conversations in our Communities

- Build capacity for collaborative action and co-creation
- Spark collaborative learning and the refinement (not just expression) of opinion
- Help differentiate good and weak arguments
- Positively manage conflict, build mutual understanding, and develop respect
- Support listening and genuine interaction
- Provide opportunities for voice and public input

Key Steps for Local Communities

- Adopting a wicked problems mindset
- Better processes tap into different aspects of human nature
- Build local capacity for deliberative engagement
- Reinvigorate or create new key bridging institutions



Institutional Troubles

Bridging v. Polarizing Institutions

More polarizing

More bridging

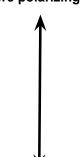
- · Political parties/elections
- Advocacy groups
- · Internet / Social media
- Media/Press
- Experts
- School districts
- Universities
- Community organizations like Leadership Foundations, League of Women Voters, United Way, Community Foundations, , Leadership programs, Boards and Commissions

Institutional Troubles

Bridging v. Polarizing Institutions

- · Political parties/elections
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More polarizing



More bridging

- Media/Press
- Experts
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- Adopting a wicked problems mindset
- Better processes tap into different aspects of human nature
- Build local capacity for deliberative engagement
- Reinvigorate or create new key bridging institutions
- Cultivate citizens as wise collaborators

Brennan's Against Democracy

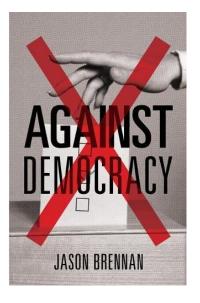
Three types of citizens:

Hobbits

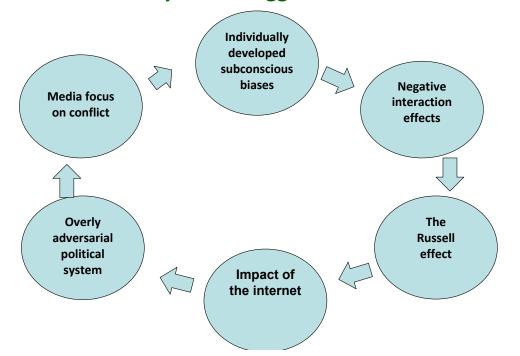
Short term

- Hooligans
- Vultans

Wise collaborators



The Vicious Cycle of Exaggerated Polarization



The Virtuous Cycle of Authentic Engagement

