

# COVID-19 and Public Governance: Prospects and Challenges



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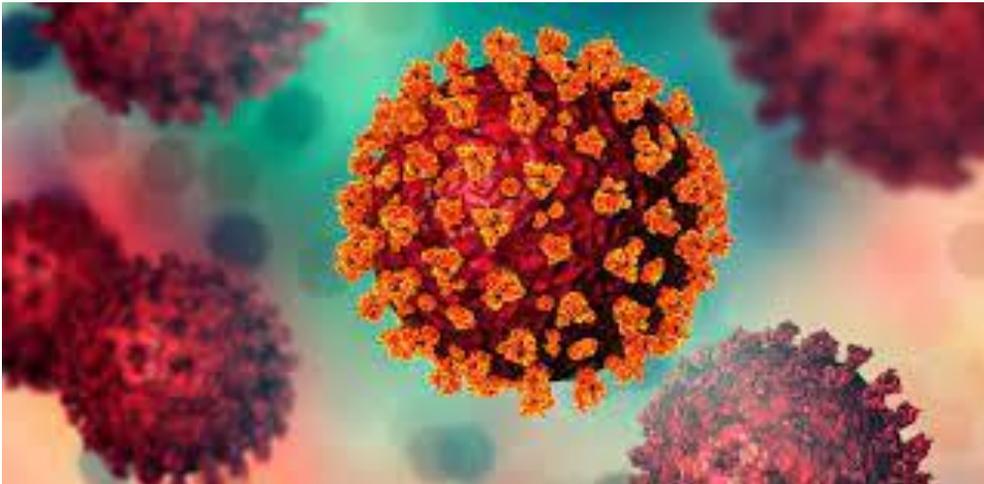
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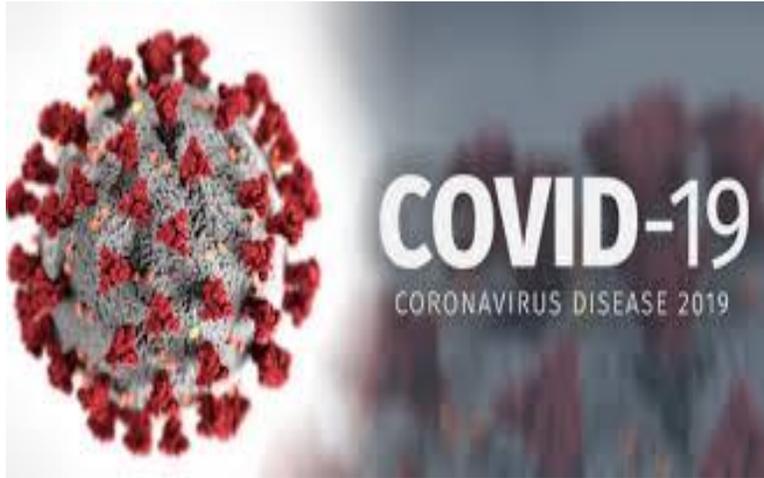
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# Severe Challenges to Public Governance at Both Local and Central Levels



# All Governments are being Tested Simultaneously....

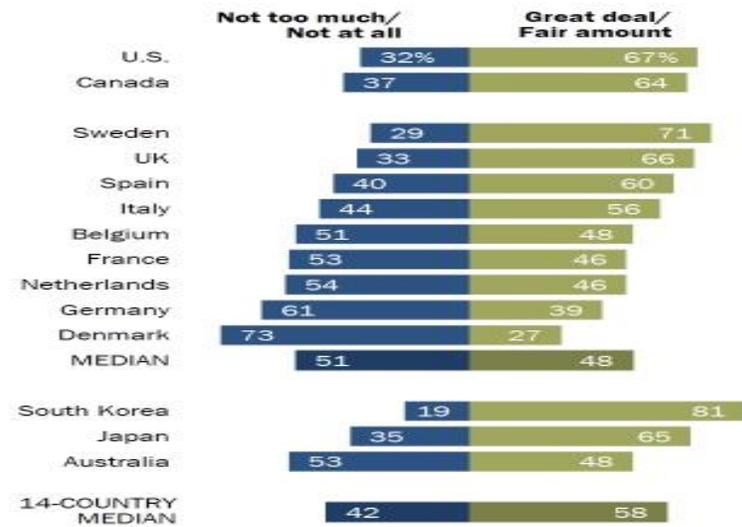
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# Impact on Everyday Life (Pew, 2021)

## Around the world, coronavirus has changed everyday life

% who say their life has changed \_\_\_ as a result of the coronavirus outbreak



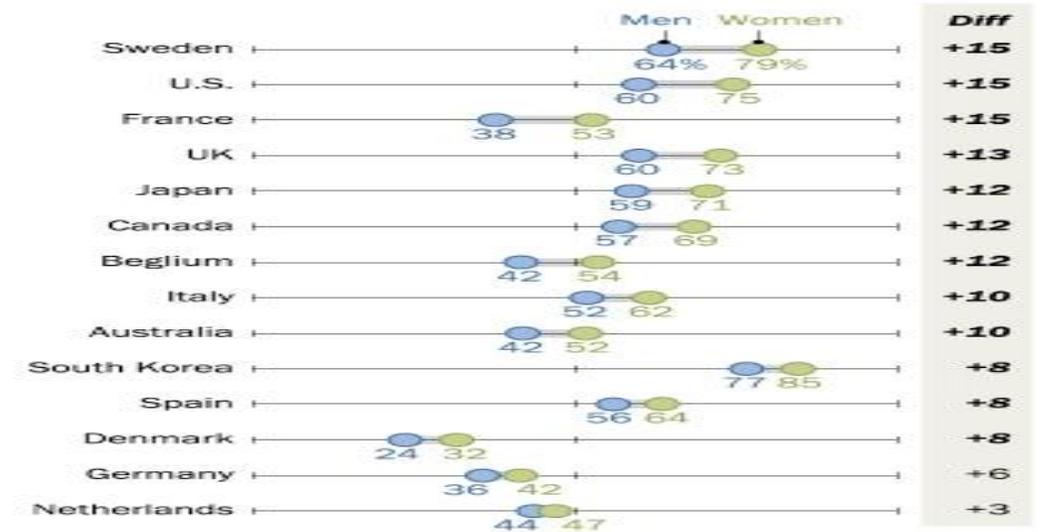
Note: Those who did not answer are not shown. In Australia and Canada, the question was asked about "COVID-19." In Japan, it was asked about "novel coronavirus," and in South Korea, it was asked about "Corona19."

Source: Summer 2020 Global Attitudes Survey, Q1. "Most Approve of National Response to COVID-19 in 14 Advanced Economies"

PEW RESEARCH CENTER

## Women more likely than men to say their lives have changed because of COVID-19

% of \_\_\_ who say their life has changed a great deal/fair amount as a result of the coronavirus outbreak



Note: Statistically significant differences in bold. In Australia and Canada, the question was asked about "COVID-19." In Japan, it was asked about "novel coronavirus," and in South Korea, it was asked about "Corona19."

Source: Summer 2020 Global Attitudes Survey, Q1. "Most Approve of National Response to COVID-19 in 14 Advanced Economies"

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# Alternative Explanations for Variations in COVID-19 Mitigation Performance

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## GOVERNMENT DIMENSIONS

Does Leadership Matter?

Does Culture Matter?

Does Gov't Capacity Matter?

Do Political and Administrative Systems Matter?

Does Agility Matter?

Does Digital Government Matter?

## SOCIAL-POLITICAL-ECONOMIC DIMENSIONS

Does GDP Matter?

Does Democracy Matter?

Does Citizenship (Communitarianism) Matter?

Does Population Density Matter?

Does Aging Population Matter?

Does Healthcare System Matter?

Unit / Level of Analysis: Individuals/ Organizations/Local Governments/ National Governments/ Regions

Methodology: Qualitative and Quantitative Research Method

# Mismatches in Challenges, Ideas and Tools?

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1. Challenges: Target Problems
2. Ideas: Institutional and Legal Arrangements
3. Tools: Policy Tools, Work Processes, Actions

# COVID-19 as a Wicked Policy Problem...

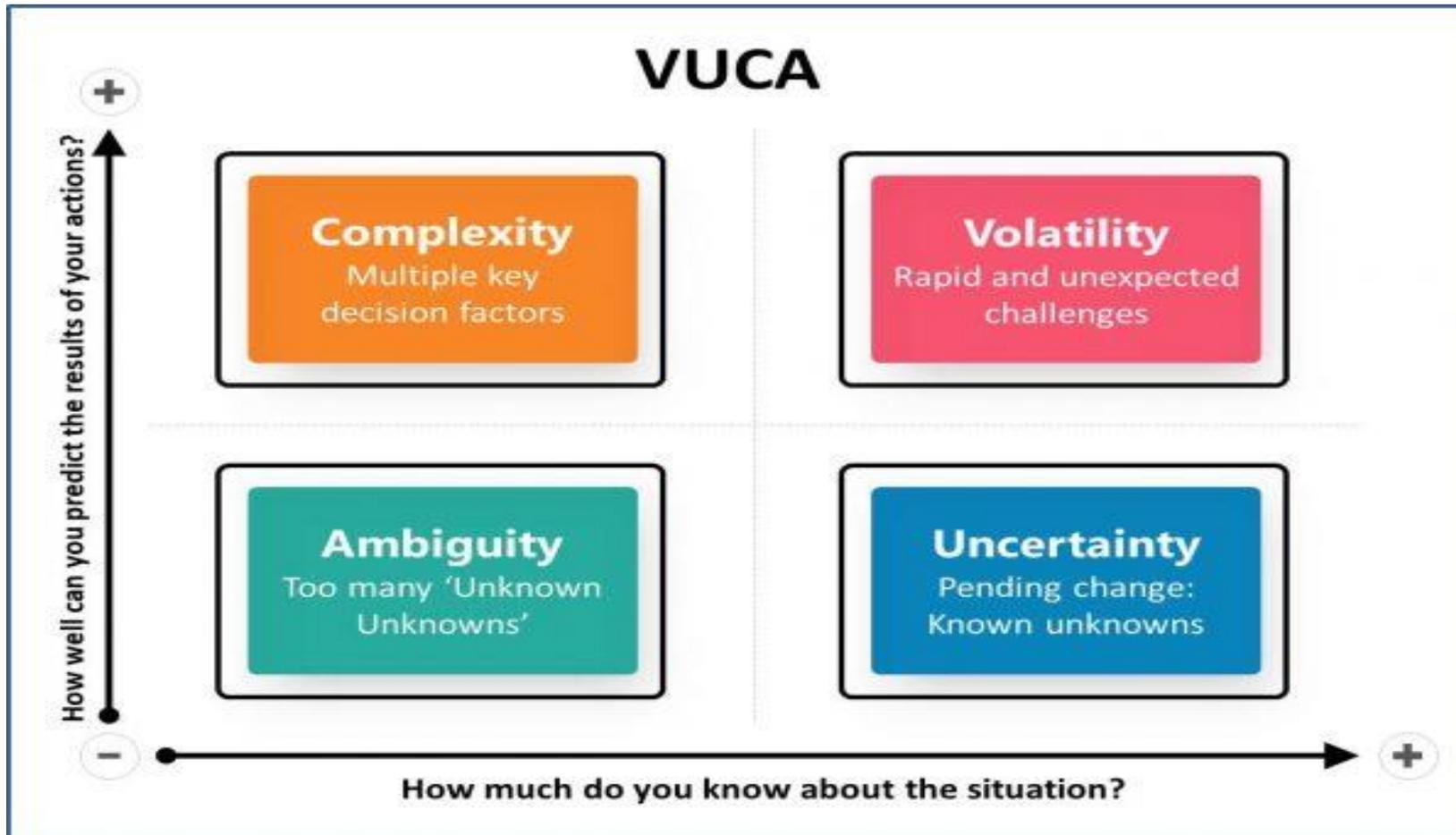
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Unstructured  
Cross-boundary  
Broadly disagreeing  
Intertwined and trade-offs  
Multiplicative  
Constantly changing.....



Adapted from Rittel & Webber, 1973

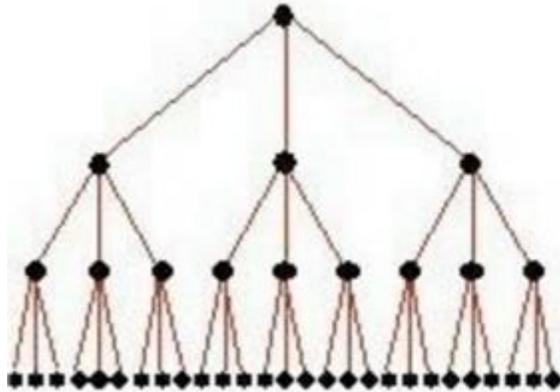
# Problems: Yes, They are All Tough!!!



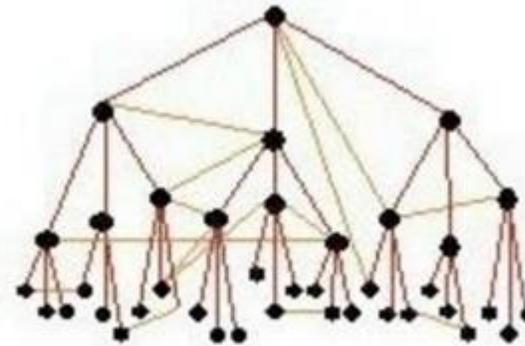
# Do Institutional and Legal Arrangements Matter?

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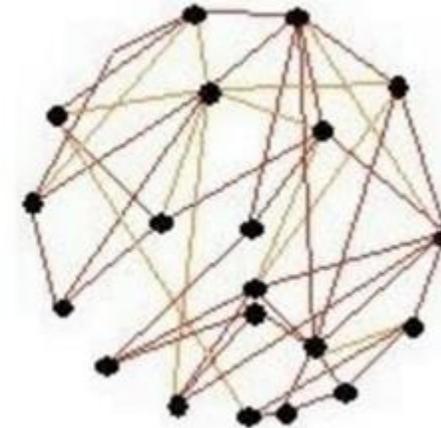
## Control Structures



Hierarchy

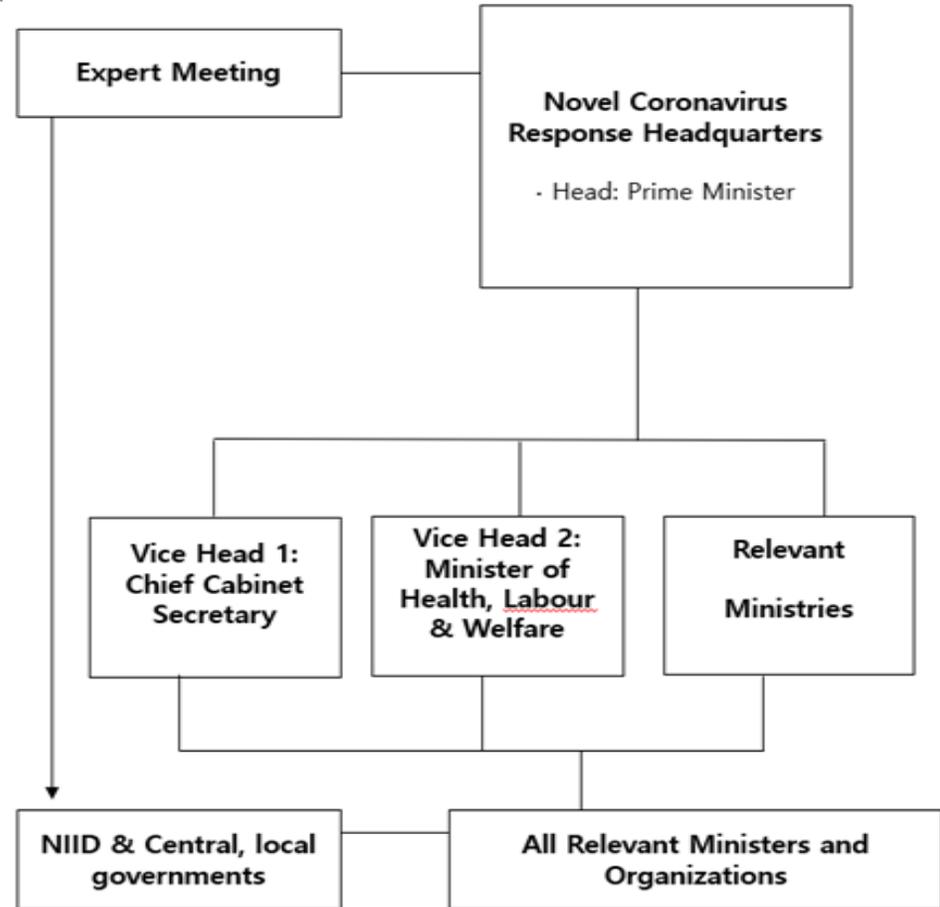
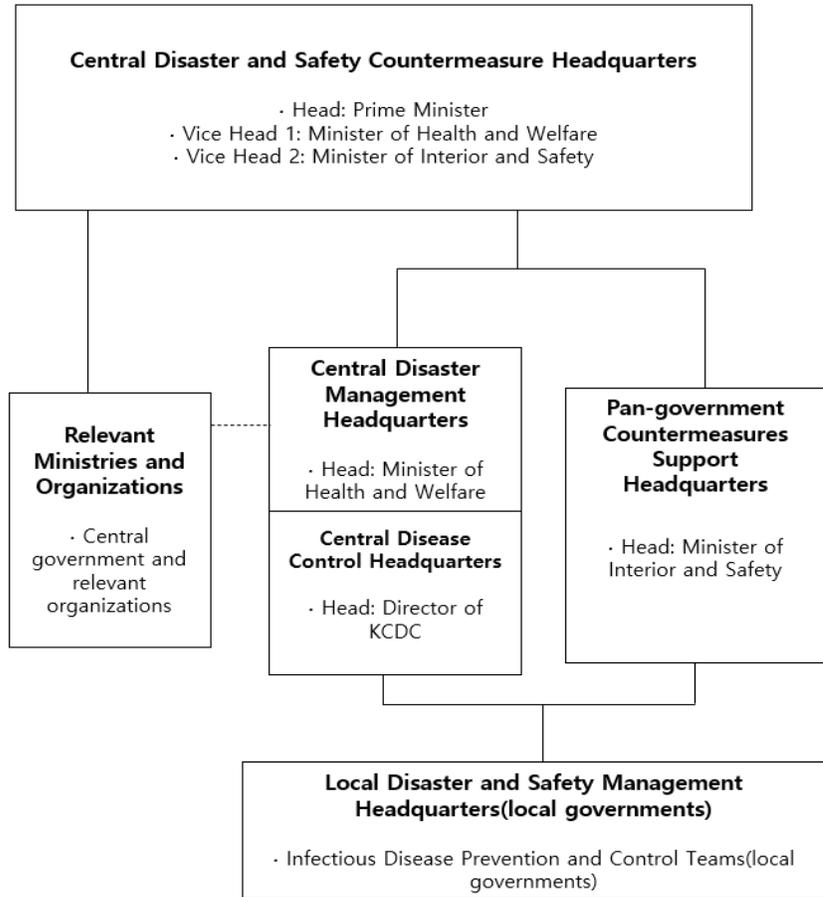


Hybrid



Network

# Institutional Arrangements In Korea and Japan



# Vignette-based Experiment Research

		Disaster Governance Preference	
		Centralized (0)	Networked (1)
Disaster Type	Routine	445(44.5%)	555(55.5%)
	Non-routine	415(41.5%)	585(58.5%)
	Total	1000(100%)	

		Disaster Governance Preference	
		Mean	SD
Disaster Type	Routine	.55	.498
	Non-routine	.6	.490
	p-value	.110	

Kim and Moon (2020)

변수		Networked Disaster Governance		
		Coefficient	Standard Error	P> t
Independent V.	<b>Disaster Type (routine=0/n.routine=1)</b>	0.245707	0.137407	0.074*
	<b>Centralization Preference</b>	-1.92152	0.24189	0.000***
Control V.	<b>Disaster Responsibility Locus (Gov't)</b>	-0.11652	0.063534	0.067*
	<b>Disaster Experience</b>	-0.05307	0.079113	0.502
	<b>Gender (M=1)</b>	-0.08359	0.143378	0.560
	<b>Age</b>	0.188797	0.063259	0.003**
	<b>Education</b>	-0.04024	0.089917	0.654
	<b>Income</b>	0.008936	0.053975	0.869
	<b>Ideological Orientation</b>	0.147172	0.088835	0.098*
	Network Governance is preferred in case of nonroutine disaster, higher degree of severity, low degree of urgency			

		Networked Disaster Governance		
		Coefficient	Standard Error	P> t
Disaster	<b>Disaster (Routine=0/ NR=1)</b>	0.107863	0.149409	0.470
	<b>Severity</b>	0.188347	0.113066	0.096*
	<b>Uncertainty</b>	-0.01382	0.101959	0.892
	<b>Urgency</b>	-0.25638	0.107472	0.017**
	<b>Scope</b>	0.147737	0.113106	0.191
Control Variables	<b>Duration</b>	0.154853	0.103285	0.134
	<b>Centralization Preference</b>	-1.89808	0.243931	0.000***
	<b>Locus of Responsibility (Gov't)</b>	-0.12378	0.06416	0.054*
	<b>Disaster Experience</b>	-0.07158	0.080134	0.372
	<b>Gender (F=0, M=1)</b>	-0.05586	0.145005	0.700
	<b>Age</b>	0.173608	0.065014	0.008**
	<b>Education</b>	-0.03048	0.091578	0.739
	<b>Income</b>	0.005373	0.054508	0.921
	<b>Ideology (Cons----Liberal)</b>	0.163512	0.090202	0.070*

Kim and Moon (2020)

# Do Communitarian Values (Etzioni, 2020) Matter?

THE DEBATE | OPINION

## COVID-19 Tests Communitarian Values

The world's most communitarian countries are handling the pandemic well. The most individualistic countries are doing the worst.

By **Amitai Etzioni**

July 14, 2020



In the 1990s, I was dubbed a communitarian guru, although quite a few others deserved the title at least as much. Recently, I have followed with special interest the responses to the pandemic in various nations that have embraced communitarian values (sometimes referred to as Asian or East Asian values). Communitarianism is often defined as a social philosophy in which the common good trumps individual rights. Individuals are viewed as cells of an organic body, the society, and hence gain their meaning through the contributions they make to society. This philosophy draws on Confucian, Buddhist, and Taoist values. (The version I advocated treats the common good and individual right as co-



Individual Liberalistic Citizenship vs.  
Communitarian Citizenship (Moon, 2021)

Communitarianism and Policymaking.....



# Coproduction for COVID-19: Mask Apps and Financial Assistance Payment

총 2,704건

내가 등록한 게시물만 보기  OFF  완용사태 등록하기

<p><b>약국찾기</b> 전국 약국 정보</p> <p>모건디리   웹사이트</p> <p>약국찾기 - 전국 약국 정보 전국 약국 전화번호 주소 지도 영업시간 휴무일 당면약국 정보</p> <p>2020-05-14</p>	<p><b>재난안전정보 제공 솔루션 구축</b></p> <p>재난안전   웹사이트</p> <p>재난안전정보 제공 솔루션 구축 기상예보, 기상특보, 대기정보 등의 날씨 정보를 가공하여 공공기관에서 주민</p> <p>2020-05-04</p>	<p><b>농축수산</b></p> <p>농축수산   기타</p> <p>코로나19 관련 면역력 강화 농산... 코로나19 관련 면역력 강화 농산물 공유</p> <p>2020-04-25</p>	<p><b>농축수산</b></p> <p>농축수산   기타</p> <p>코로나19 관련 면역력 강화 농산... 코로나19 관련 면역력 강화해 주는 농산물 공유합니다.</p> <p>2020-04-25</p>
<p><b>THEVC</b></p> <p>재정금융   웹사이트</p> <p>더브이씨 (The VC) 스타트업과 투자기관의 정보를 검색하는 서비스입니다.</p> <p>2020-04-24</p>	<p><b>IPO Note</b> IPO노트 · 공모주노트</p> <p>재정금융   웹사이트</p> <p>IPO Note 'IPO Note'는 기업 정보를 기반으로 투자와 관련된 정보를 제공하는 웹 사이</p> <p>2020-04-17</p>	<p><b>smallticket</b></p> <p>재정금융   웹사이트</p> <p>스몰티켓 '스몰티켓'은 반려동물 정보를 기반으로 반려동물의 보험료 계산 및 보험 가입</p> <p>2020-04-16</p>	<p><b>Prompie</b></p> <p>교육   웹사이트</p> <p>프람피 아카데미 '프람피 아카데미'는 자격증 정보 기반으로 보다 빠른 국가기술자격증 취득</p> <p>2020-04-14</p>

행정안전부 | 긴급재난지원금

## 신용·체크카드 이렇게 신청하세요

신청 기간 : 2020.5.11.(월) 07:00~

- 세대주께서 본인 명의의 신용·체크카드로 신청이 가능합니다.
- 혼잡을 피하기 위해 출생년도 '요일제' 방식을 적용합니다. (온라인은 5.16.부터 '요일제' 제외)

월 1,6 화 2,7 수 3,8 목 4,9 금 5,0 토요일 모두

**온라인 신청**

사용 카드사 접속 (세대주) → 신청서 입력 → 긴급재난지원금 충전

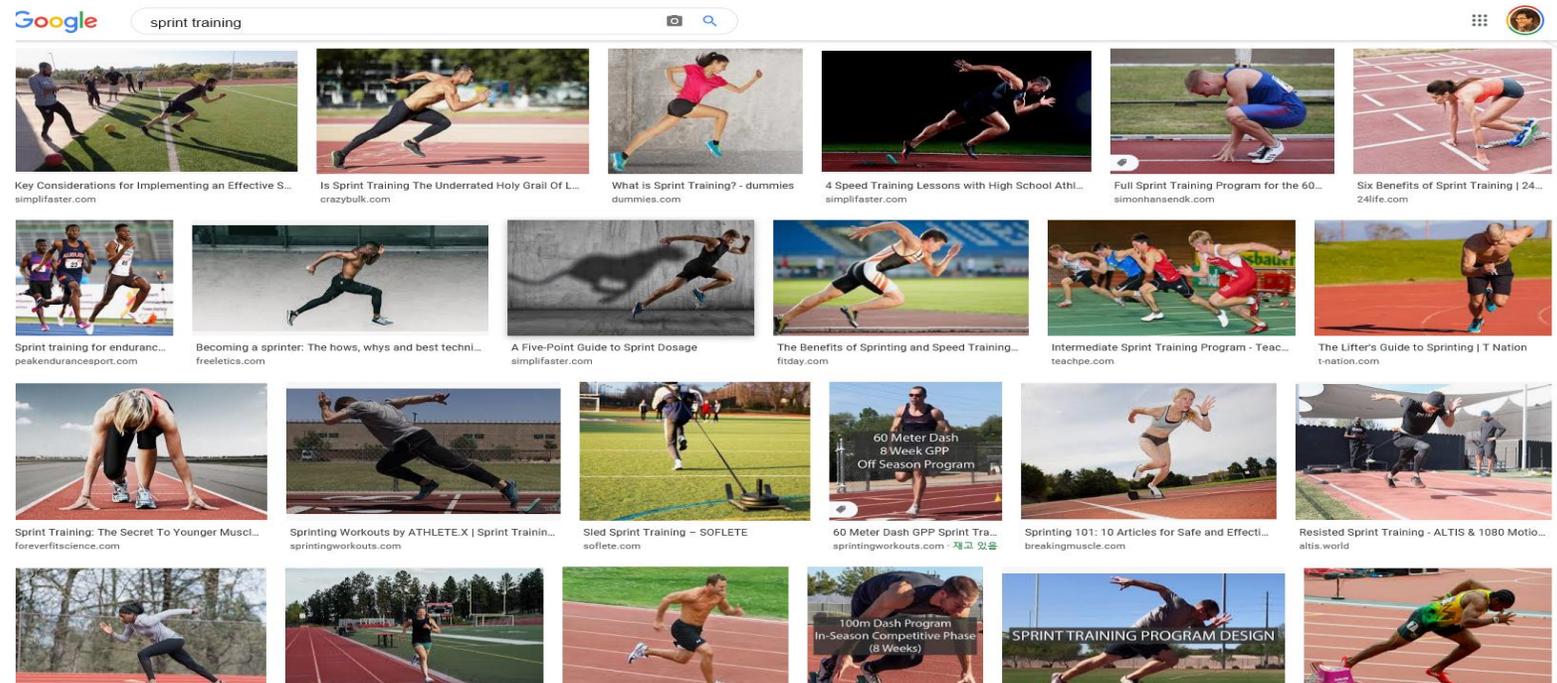
**방문 신청** ※방문신청은 2020.5.18.(월) 09시부터 가능합니다. (주말은 방문신청 불가)

카드 연계 은행 방문(세대주) → 신청서 작성 → 긴급재난지원금 충전

\*2020.8.31.까지 사용이 가능하고 사용지역, 업종, 온라인 사용에 제한이 있습니다. 잔액은 환급되지 않습니다.

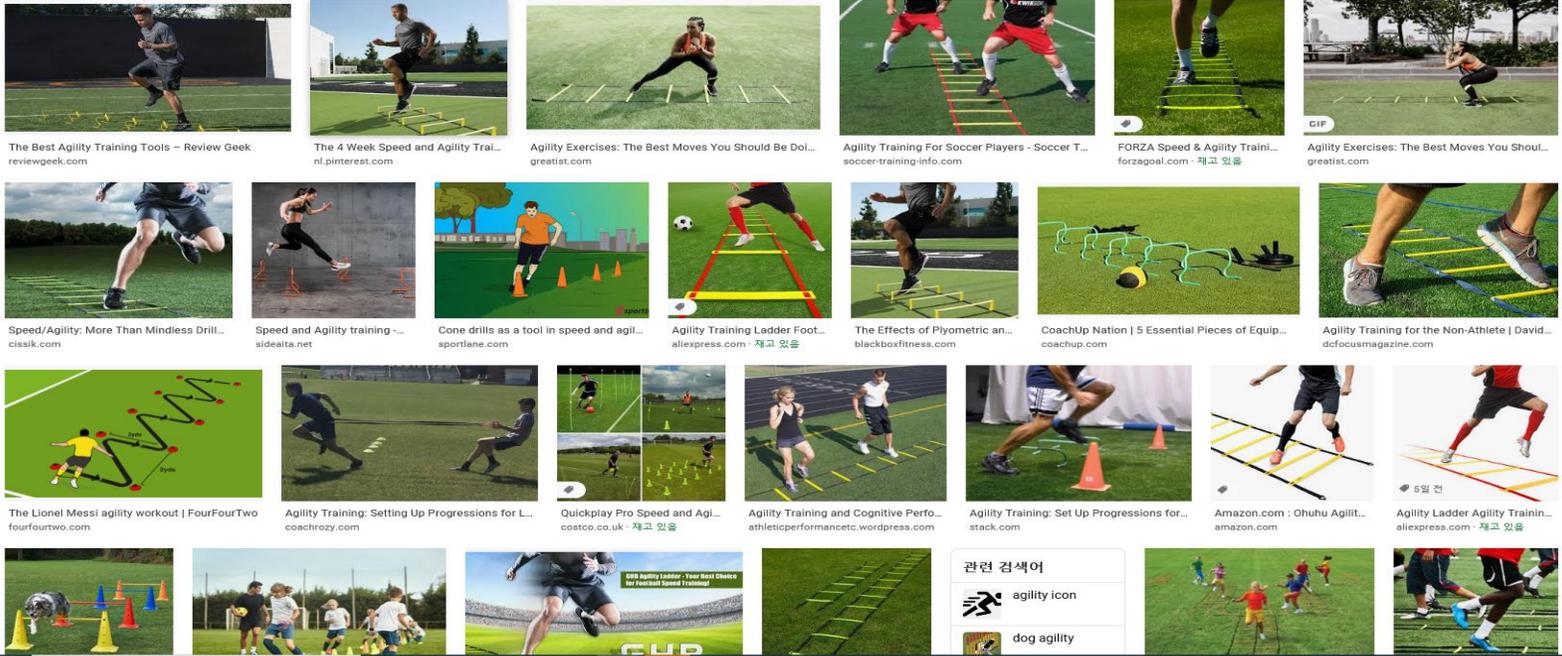
22 million households in a month with 8 credit Card companies and 9.048 bank branch offices

# Does Agility Matter? Sprint Training



# Agility Training...

Google   



The Best Agility Training Tools – Review Geek  
reviewgeek.com

The 4 Week Speed and Agility Trai...  
nl.pinterest.com

Agility Exercises: The Best Moves You Should Be Doi...  
greatist.com

Agility Training For Soccer Players - Soccer T...  
soccer-training-info.com

FORZA Speed & Agility Traini...  
forzagoal.com · 재고 있음

Agility Exercises: The Best Moves You Shoul...  
greatist.com

Speed/Agility: More Than Mindless Drill...  
cisaik.com

Speed and Agility training...  
sideata.net

Cone drills as a tool in speed and agil...  
sportlane.com

Agility Training Ladder Foot...  
aliespress.com · 재고 있음

The Effects of Plyometric an...  
blackboxfitness.com

CoachUp Nation | 5 Essential Pieces of Equip...  
coachup.com

Agility Training for the Non-Athlete | David...  
dcfocusmagazine.com

The Lionel Messi agility workout | FourFourTwo  
fourfourtwo.com

Agility Training: Setting Up Progressions for L...  
coachrozy.com

Quickplay Pro Speed and Agl...  
costco.co.uk · 재고 있음

Agility Training and Cognitive Perfo...  
athleticperformancetc.wordpress.com

Agility Training: Set Up Progressions for...  
stack.com

Amazon.com : Ohuhu Agilit...  
amazon.com

Agility Ladder Agility Traini...  
aliespress.com · 재고 있음

5월 전

관련 검색어

-  agility icon
-  dog agility

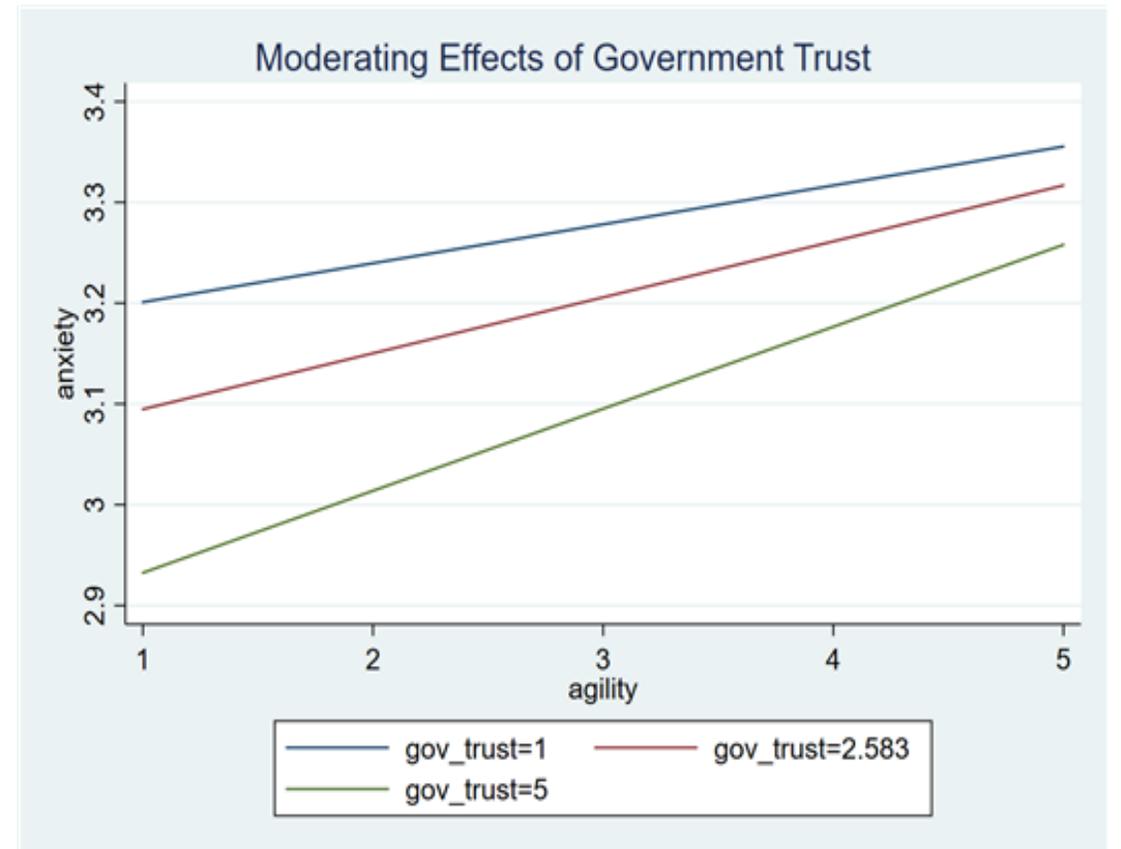
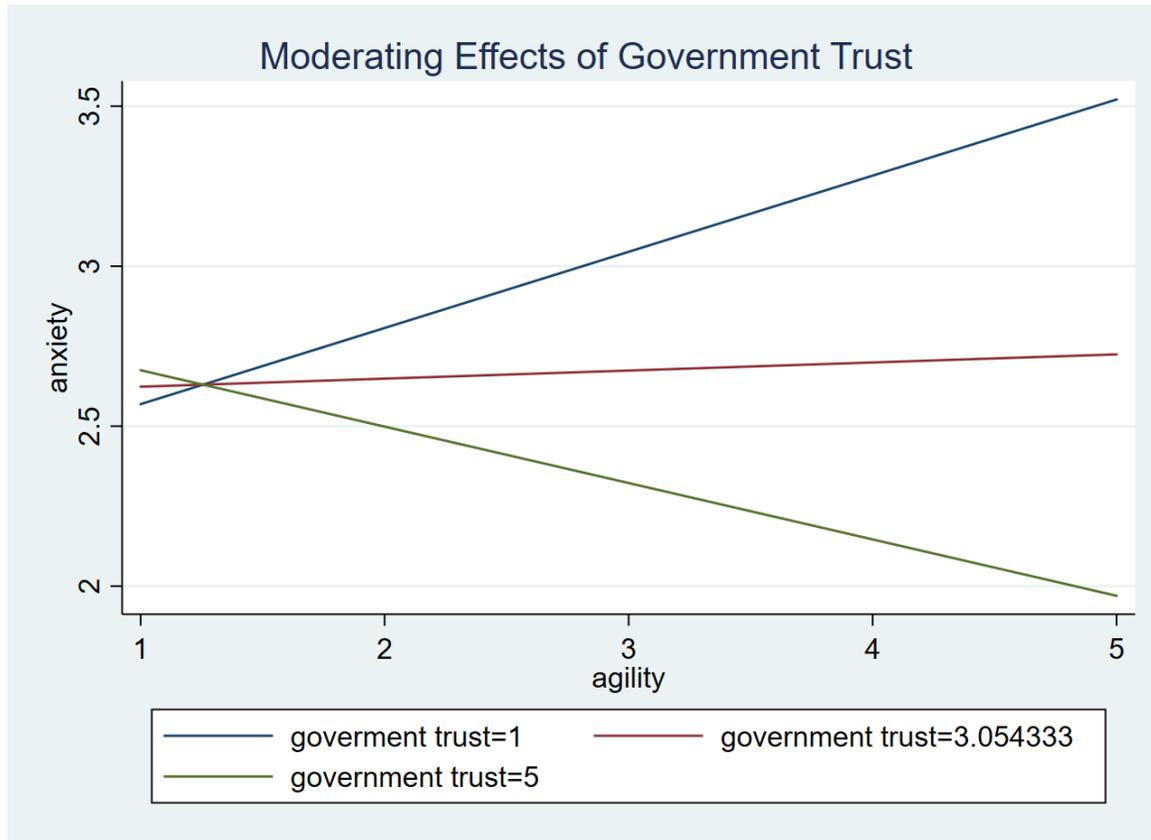
5월 전

# Agility and Stability



(Aghina, De Smet, and Kirsten Weerda, 2015)

# Agility, Public Trust, and Anxiety

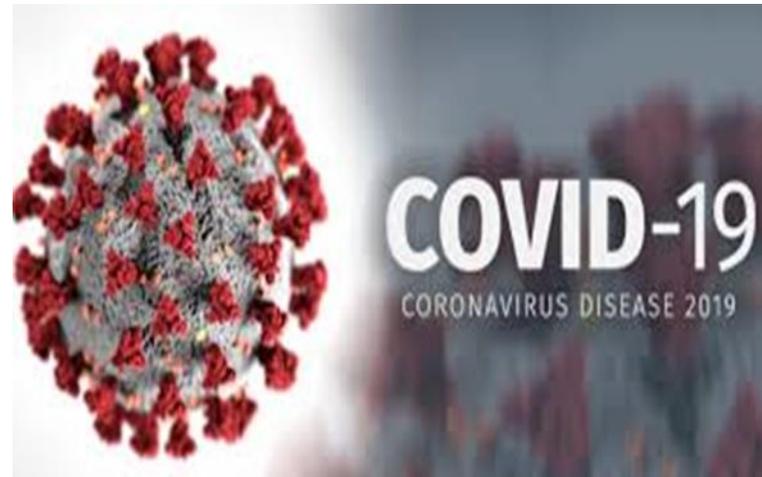
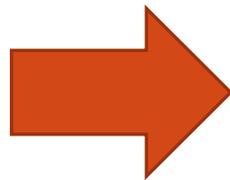
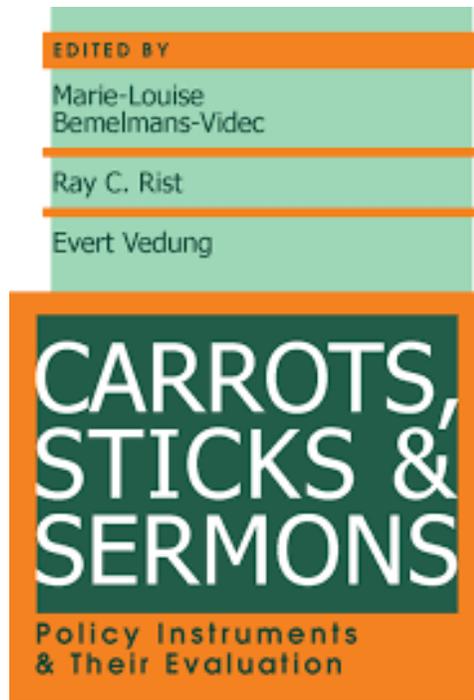


# Policy Responses (Tools) and Outcomes

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Policy Responses and Policy Outcomes: Stick, Carrot, and Sermon (Howlett; Hood; Salamon; Vedung....)

Hood's NATO Typology of Policy Tools (Nodality, Authority, Treasure, Organizations)



Independent Variables		Log(conf. cases)		Log(fatal)		Log(death)	
		Coef.	Std. Err.	Coef.	Std. Err.	Coef.	Std. Err.
Stick: Restrictive Policy	L10.closing (school and work)	<b>-0.113***</b>	0.022	<b>0.267***</b>	0.039	0.048	0.036
	L10.public transportation closing	<b>-0.083***</b>	0.025	<b>0.159***</b>	0.035	-0.009	0.032
	L10.gathering restriction	0.016	0.012	<b>-0.041***</b>	0.018	<b>-0.033***</b>	0.016
	L10.international travel restriction	-0.010	0.013	-0.004	0.020	-0.021	0.018
Sermon: Public Campaign	L10.c_information	0.000	0.108	<b>1.752***</b>	0.642	<b>1.819***</b>	0.581
Carrot: Economic Measures	L10.economic measures	0.022	0.027	0.005	0.037	0.000	0.034
Democracy	Voice & Accountabilty	<b>-0.088***</b>	<b>0.021</b>	<b>0.142**</b>	0.084	0.085	0.075
	VA* L10.c_information	<b>0.237***</b>	0.031	<b>-0.503***</b>	0.208	<b>-0.311**</b>	0.188
GDP	Log(GDP)	0.040	0.059	0.134	0.104	-0.140	0.094
Population	Log (pop)	<b>0.056***</b>	0.016	<b>-0.047*</b>	0.028	-0.019	0.025
	density	<b>0.100***</b>	0.017	<b>0.132***</b>	0.035	<b>0.095***</b>	0.031
	aged 70 older	-0.008	0.008	0.010	0.011	<b>-0.042***</b>	0.010
	New_test per 1000	<b>0.071***</b>	0.009	<b>-0.308***</b>	0.037	<b>0.104***</b>	0.031
	Hospital beds per 1 M.	<b>-0.082***</b>	0.007	0.001	0.012	<b>-0.072***</b>	0.011
	L10.logcase	<b>0.712***</b>	0.010	<b>0.494***</b>	0.019	<b>0.750***</b>	0.013
Daily dummy		Yes		Yes		Yes	
Regional dummy		Yes		Yes		Yes	
N of obs		4386		2532		2550	
R-Squared Overall		0.7786		0.5983		0.7708	

Moon and Lee (2021)

# “R” is the Key to Effective Governance

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## REPRODUCTION

$$R \text{ (Reproduction)} = P * C * D$$

P: Probability → Individual Level

C: Connect/ Contact → Social Level

D: Duration → Policy Level

## RESILIENCE

$$R \text{ (Resilience)} = C * L * NP * P$$

C: Central Government

L: Local Government

NP: Nonprofit Orgs.

P: Private Sector



About ▾ | COVID-19 | Our support ▾ | Case studies | Parliament ▾ | Topics ▾ | Publications | Events ▾

Home > Our support > Coronavirus: information for councils

## COVID-19: good council practice

Councils are doing remarkable work to address the challenges brought by COVID-19. We have seen the local government sector pool its resources, respond to new problems with innovative solutions, as well as recovery and renewal.

We are continuing to build this diverse, current and informative range of resources to help councils as they navigate this changed environment, while showcasing some of the important work being carried out by the sector.

### COVID-19: FAQs

Frequently asked questions related to COVID-19.

COVID-19: Behavioral Insights Case Studies

Vaccination Case Studies

Testing Case Studies

Local Contact Tracing Case Studies

Council Case Study Collection

<https://www.local.gov.uk/our-support/coronavirus-information-councils/covid-19-good-council-practice/covid-19-council-case>

# UNDRR: Making Cities Resilient (MCR)

Home > publication > Report on the Making Cities Resilient (MCR) Campaign: Comparing MCR and non-MCR cities

## Report on the Making Cities Resilient (MCR) Campaign: Comparing MCR and non-MCR cities

DOCUMENTS AND PUBLICATIONS REPORTS

Author(s): Amaratunga, Dilanthi; Sridarran, Pournima; Haigh, Richard

Source: United Nations Office for Disaster Risk Reduction



Approaches for building resilience may range from highly technical and resource-intensive, to simple and inexpensive practices. The "Making Cities Resilient" (MCR) Campaign initiated by the United Nations Office for Disaster Risk Reduction (UNDRR) is one of the examples. It helps to promote disaster resilience building in cities through raising awareness and providing simple tools, technical assistance, city-to-city support networks and learning opportunities for local governments.

The MCR Campaign was launched in May 2010 with the aim to advocate and raise awareness among local authorities and cities on disaster risk governance, urban risk and resilience (Phase 1). It was recognized as a powerful tool to engage local political leaders and cities' commitment toward disaster resilience building. Following the Local and Sub-National Governments Declaration at the 2015 UN World Conference on Disaster Risk Reduction in Sendai, Japan, and "The Florence Way Forward" adopted at the High-Level Forum on Implementing the Sendai Framework for Disaster Risk Reduction at the Local Level in Florence, Italy in June 2016, the Campaign was extended into a new phase (Phase 2), with a focus on...

Publication Year  
2019

Number of pages

Download

View document

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### RELATED INFORMATION

#### Related links

- Disaster resilience scorecard for cities
- United Nations city disaster resilience scorecards: USA, Chile, Angola

Words into Action guideline:  
Implementation guide for local

SUSTAINABLE DEVELOPMENT GOALS 1 3 11 13 17 COVID-19 RESPONSE MCR 2030 Making Cities Resilient

JOINT CERTIFICATE PROGRAMME  
UNDRR GETI, UNOSSC & WHO

## BUILD BACK BETTER:

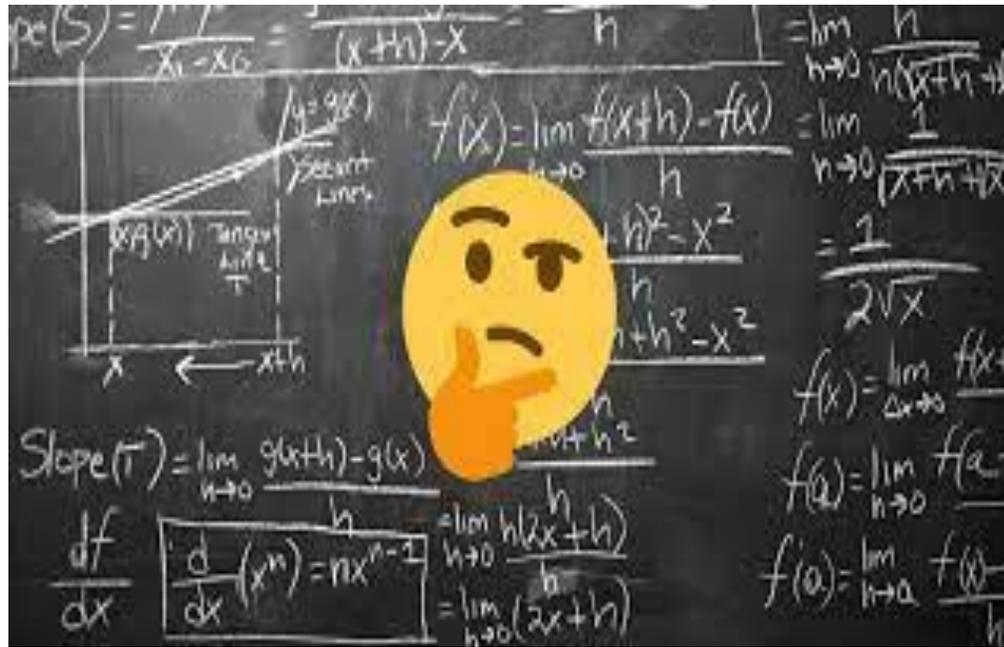
### Harnessing South-South cooperation and risk reduction planning for resilient and healthy cities in the post COVID-19 era

*An introductory training for local authorities and urban development practitioners*

8, 15, 22, 29 JUNE 2021 (TUESDAYS) - 07:30 NEW YORK | 13:30 GENEVA | 20:30 INCHEON

World Health Organization United Nations Office for South-South Cooperation UNDRR UN Office for Disaster Risk Reduction With support from: Ministry of the Interior and Safety Incheon Metropolitan City

PHOTO credit: Ted Eyras/UNDRR



# Two Approaches to Solving Wicked Problems (Wildavsky, 1988)

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## ANTICIPATION STRATEGY

Trial without error

Opportunity risk

Risk aversion

Safe environment, advance environmental modification, overspecialization, system separability, robustness

Type I Error (false positive/error of commission)

## RESILIENCE STRATEGY

Trial and error

Opportunity benefit

Risk taking

Homeostasis, flatness, buffering, redundancy

Type II Error (false negative/error of omission)

# Solving Wicked Problems together with Agility and Resilience...

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“Life is like riding a  
bicycle. **To keep  
your balance you  
must keep moving.**”

*Albert Einstein*