



Human Security Approach to Urban Resilience: Policy Recommendations

Work Package 4

Deliverable 4.3



H2020 MCSA RISE PRUV WP4 Policy Recommendations

The PRUV project addresses an urban vulnerability challenge that is complicated by the systemic complexity of cities and their systems, an insufficient focus of research within the aid sector on the urban context, and aid actors failing to adapt/ tailor their methodologies and approaches in time. Seeking to bridge the identified research gap, work package 4 explored adjacent fields – mainly security studies within International Relations, socio-ecological systems, and urban studies, to create a coherent, interdisciplinary research design for guidance on interventions into complex urban systems. Based on this probe, which included mapping the interlinkage and theorizing optimum cross-fertilization between urban resilience and human security, it is able to suggest the following novel framework for evidence-based programming based on the multi-disciplinary ethos of the human security approach to help the aid sector adapt its lagging methodologies and approaches for analyzing patterns of urban vulnerability and evidence based programming for necessary resilience.

1. Position urban resilience within the human security paradigm:

- a. (urban) resilience is unhelpful or even harmful as an intervention objective (X → resilience) or instrument (resilience → X) as it lacks conceptual clarity and can therefore be misunderstood and misused – beware: anything goes under this term;**
- b. human security is more helpful in this sense as it is suited to accommodate at least the same range of urban challenges, but requires explicit consideration of individual wellbeing (sometimes termed freedom from fear and want) and the multiple context dimensions and levels of analysis it depends on:**

Table 1 shows a tentative design of the urban human security framework, which can be used as a format for comprehensive programming, planning, monitoring, evaluating, accounting for, and learning from specific interventions. In this framework, the ‘urban’ space is not to be understood as a single intermediate level of analysis, but rather as the increasingly typical habitat in which human life, in all its context dimensions, is affected by shocks and stresses, and the interventions they propel. Understanding these dynamics requires multiple levels of analysis. At the highest levels of analysis, more explicit objectives and instruments in the global agenda on sustainable development, climate change adaptation, disaster risk reduction, and human settlements address the factors identified as exacerbating the abovementioned vulnerability challenge, namely: rapid unplanned urbanization (slums); environmental degradation; climate change; natural disasters (global upsurge in frequency and severity); resource pressures; precarious livelihoods (low income, fragility); and a shift from rural to urban crises. The 2030 Agenda on the Sustainable Development Goals, Paris Agreement, Sendai

Framework for Disaster Risk Reduction, and New Urban Agenda can thus provide a generally agreed and accepted normative policy framework for urban human security.

Referent object				Object
	Levels of analysis	Alternative designation of levels	Context dimensions	(interventions propelled by endo-/ exogenous shocks/ stresses)
State Human {	Global {	Macro; supra-/ inter- governmental	Economic, food, health, environmental, social and cultural, political, personal, ...	← Conflict ← ...
	International {			← Population growth ← ...
	National {			← Urbanization ← ...
	Regional {	Meso; community; multi-level stakeholders		← Climate change ← ...
	Local {			← Disasters ← ...
	Family {			
	Household {			
Individual {	Micro; public			

Table 1: Urban Human Security framework

- c. resilience may then be helpfully employed as the fluctuating adaptive capacity of cyclical and connected complex urban systems that enables them to offset their vulnerability to unexpected or unpredictable shocks (and stresses), thus preventing them from passing thresholds beyond which loom system failure and a corresponding risk of humanitarian crisis:**

In the adaptive cycle shown in figure 1, after Walker and Salt, four phases are distinguished: exploitation, conservation, release, and reorganization. The black arrows inside big arrows indicate the speed of the cycle, where shorter black arrows refer to a slower flow in the cycle. The arrows outside the cycle refer to linkages from other natural or social systems affecting the cycle. The term ‘remember’ refers to a memory function of a connected larger system, which may help the systems to follow its way in the adaptive cycle system; ‘revolt’ refers to a trigger by a another system, leading to a collapse of the conservation phase and the entering of the system into release phase. Remember and revolt are suggested by Holling and Gunderson in their original Panarchy model. The other linkages (dotted arrows) are hypothesized as additional interventions.¹ For any specific research

¹ Sjaak Swart, forthcoming. After: B. H. Walker and David Salt, *Resilience Thinking : Sustaining Ecosystems and People in a Changing World* (Washington, DC: Island Press, 2006), <http://search.ebscohost.com.proxy->

problem, questions implied by this interpretative framework may then be: which corresponding systems and constituent networks can be distinguished; what are the connections between these different systems; what are their key variables; on what spatial and temporal scales do they operate or which spatial dimensions and levels of aggregation are salient; which cross-scale/ emergent/ micro-macro patterns can be identified; at what critical levels of instability triggered by shocks and/ or stress can these systems only recover by transformation rather than mere adaptation (or even just absorption);² what are the possible intervention points, feedbacks, and trade-offs; what are the realistic possibilities for intervention (costs, time and spatial scales); what type and level of resilience is at stake and how do we operate it; and what is needed to perform such an intervention?

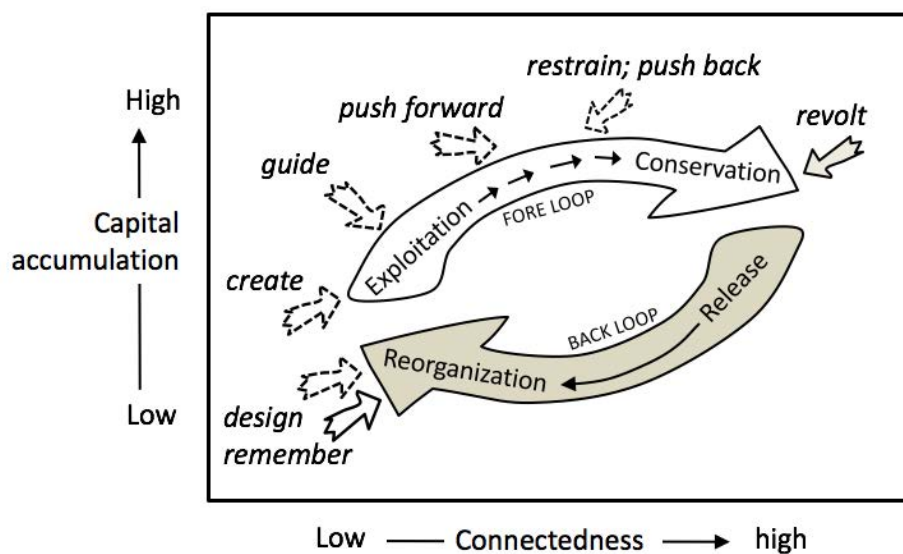


Figure 1: Stylized adaptive cycle.

- d. the human security paradigm is in turn helped by this hitherto missing focus on urban systems and more dynamic understanding of security compared to preventative, protective, and preservative notions of some (imagined) secure status quo which is to be sustained;

ub.rug.nl/login.aspx?direct=true&db=nlebk&AN=203979&site=ehost-live&scope=site. L.H. Gunderson et al, "Resilience of Large Scale Resource Systems," in Pritchard and Gunderson, *Resilience and the Behavior of Large-Scale Systems*.

² Garschagen and colleagues model these thresholds as system transitions in opposite directions by which resistance leads to collapse, and resilience via adaptation pathways to transformation: Mathias Garschagen, "Transformation and Resilience on Urban Coasts (TRUC)" (2018), <https://www.belmontforum.org/wp-content/uploads/2017/05/TRUC.pdf>. For use of this model in the context of risk management strategies or regimes, see: Solecki, Pelling, and Garschagen, "Transitions between Risk Management Regimes in Cities." For their introduction to a special journal issue on positive adaptation thresholds, see: Matthias Garschagen and William Solecki, "Editorial — Tipping Points in Adaptive Capacity and Adaptation Processes," *Journal of Extreme Events* 04, no. 01 (March 1, 2017): 1702002, <https://doi.org/10.1142/S234573761702002X>.

2. Further develop the interpretative language of the adaptive cycles typology of complex systems, which offers a promising heuristic for exploring interventions into connected urban systems that provide human security, and complement it with more rigorous, established research methods and decision-making frameworks, such as humanitarian intelligence gathering, and more specifically the Humanitarian Aid and Intervention Design Framework (H-AID) for humanitarian action:

Dubbed the ‘Groningen approach’ to the further development of the human security paradigm for humanitarian analytical purpose, the H-AID framework is underpinned by social and political theory, but also by the aforementioned systems-resilience concepts.³ For its context, intervention, and stakeholder analyses it uses a technique of absolute scaling.⁴ With regard to the comprehensive context analysis (CCA), this method necessitates careful decomposition of the selected dimensions, the subsequent identification of a reliable number of valid indicators, and quantification of these on an ordinal scale.⁵ Zwitter suggests analyzing the CCA by a subsequent capabilities and constraints analysis, and relational analysis.⁶ Whilst adapted for pre-post-incident analysis, H-AID is also suited for theory-based ex ante evaluation of disaster impact and countermeasures. As both involve wide assumptions as to the ex post state of security however, in addition to the CCA a Context-Mechanism-Outcomes (CMO) approach is required to consciously specify in which context which mechanisms set in motion lead to which outcomes, based on existing insights from previous experience in similar situations.⁷ Subsequently, a stakeholder analysis – on agents, goals, interactions, resources, and institutions (AGIRI) – and social network analysis (SNA) are needed to map the relations of power and interest among decision makers.⁸ As with the CCA and CMO, attaching comparable (numerical) values to these quantitative or qualitative facts involves subjective judgements, which call for careful

³ Zwitter, *Humanitarian Intelligence*. pp. 59-84.

⁴ Based on: Joost Herman et al., *Humanitarian Crises, Intervention and Security*. Zwitter, *Humanitarian Intelligence*. Gibbons and Heintze, *The Humanitarian Challenge: 20 Years European Network on Humanitarian Action (NOHA)*.

⁵ As an addendum to the H-Aid Framework, Zwitter offers a number of relevant questions pertaining to the classic human security dimensions: Zwitter, *Humanitarian Intelligence*. 59-84.

⁶ Zwitter.; Gibbons and Heintze, *The Humanitarian Challenge: 20 Years European Network on Humanitarian Action (NOHA)*. pp. 91-95.

⁷ Liesbet Heyse, “From context analysis to intervention design,” in Joost Herman et al., *Humanitarian Crises, Intervention and Security*. pp. 132-148. For practical examples of this, see inter alia: “City Partnership Program: Addressing Complex Development Challenges Together,” *World Bank* (blog), January 12, 2017, <http://www.worldbank.org/en/news/feature/2017/01/12/city-partnership-program-addressing-complex-development-challenges-together>. “Resilient Cities Connect (RCC),” United Nations Office for Disaster Risk Reduction (UNISDR), 2017, <http://www.preventionweb.net/rcc/en/>.

⁸ For a more elaborate description of all main elements, see: Rafael Wittek, “Stakeholder analysis: towards feasible interventions,” in Joost Herman et al., *Humanitarian Crises, Intervention and Security*. 149-170. Also see: Zwitter, *Humanitarian Intelligence*. Gibbons and Heintze, *The Humanitarian Challenge: 20 Years European Network on Humanitarian Action (NOHA)*. 121-142.

interpretation and systematic, transparent, and explicit argumentation.⁹ The H-Aid framework allows for establishing the main drivers of recurrent human insecurities among actors, institutions, and processes, and their relative weight in different contexts. Whilst it is difficult to make any general statements about this, mind that among these main drivers are not only climate change and disaster risk, but also their relative adaptation and reduction measures.

3. Explore the database below containing a wide range of additional sources on urban resilience and human security and further contributes to the project goal of evidence-based, lasting and sustainable solutions which are (cost-)effective, and have wide utility and transferability.¹⁰

Within work package 4, a database of resources for further research and practice in the field of human security and urban resilience was compiled. As this field remains hard to delineate, and coverage is almost entirely limited to English discourse on these topics, the list is necessarily non-exhaustive. Nevertheless it is the most comprehensive overview of grey and academic sources in these areas to date. Next to intergovernmental organizations and other established contributors, it may include less authoritative, trustworthy, or salient contributions, so users are advised to apply rigorous source criticism and beware of compromised links. A more elaborate version with further sub-categorization and geotags, and including leading reports, frameworks, books, journals, courses, and events relevant to urban resilience and human security will be made available online in 2020. It has been suggested to link this catalog with the <http://euhap.eu/ha-elearning/> database.

Intergovernmental organizations

Name	Place	Information
ASEAN - Association of Southeast Asian Nations (Committee on Disaster Management (ACDM))	Jakarta	https://asean.org/
ASEAN AHA - Coordinating Centre for Humanitarian Assistance on disaster management (Emergency Operations Centre (EOC))	Jakarta	https://ahacentre.org/
ASEAN Foundation	Jakarta	https://www.aseanfoundation.org/
ASEAN Reporting ASEAN	Jakarta	http://www.reportingasean.net/
ASEAN SDGs-Frontrunner Cities	Jakarta	https://www.aseansdgsities.org/
EU - European Union Commission Knowledge for Regional and Urban Policy on Cities and Urban Development	Brussels	https://ec.europa.eu/knowledge4policy/territorial/topic/urban; https://ec.europa.eu/info/eu-regional-and-urban-development/topics/cities_en

⁹ Rafael Wittek, "Stakeholder analysis: towards feasible interventions," in Joost Herman et al., *Humanitarian Crises, Intervention and Security*. 149-170.

¹⁰ On the merits of evidence-based policy-making, see i.a: <https://www.odi.org/comment/10592-explainer-what-evidence-informed-policy-making>.

EU - European Union Commission Marketplace of the European Innovation Partnership on Smart Cities and Communities	Brussels	https://eu-smartcities.eu/
EU - European Union European Consensus on Development	Brussels	https://ec.europa.eu/europeaid/policies/european-development-policy/european-consensus-development_en
EU DG DEVCO - European Union Commission Directorate-General for International Cooperation and Development (ACP-EU Partnership)	Brussels	https://ec.europa.eu/europeaid/ (https://ec.europa.eu/europeaid/policies/european-development-policy/acp-eu-partnership-after-2020_en)
EU DG ECHO - European Union Commission Directorate-General for Civil Protection and Humanitarian Aid Operations	Brussels	https://ec.europa.eu/echo/ ; https://ec.europa.eu/echo/what-we-do/humanitarian-aid/humanitarian-action-urban-crises_en ; https://ec.europa.eu/echo/what/humanitarian-aid/risk-reduction_en ; https://ec.europa.eu/echo/what/humanitarian-aid/resilience_en
EU IUC - European Union International Urban Cooperation	Brussels	http://www.iuc.eu/
EU JRC (Science Hub) - European Union Joint Research Centre (DG REGIO Urban Data Platform)	Brussels	https://ec.europa.eu/jrc/ (https://urban.jrc.ec.europa.eu/)
UN - United Nations Foundation	Washington D.C.	https://unfoundation.org/
UN - United Nations Global Compact (Cities Programme)	New York	https://www.unglobalcompact.org/ (https://citiesprogramme.org/)
UN - United Nations Global Pulse	Melbourne	https://www.unglobalpulse.org/
UN - United Nations Secretary General's Independent Expert Advisory Group on a Data Revolution for Sustainable Development	New York	https://www.undatarevolution.org/
UN - United Nations Water	Geneva	https://www.unwater.org/
UN CTCN - United Nations Climate Technology Centre and Network	Copenhagen	https://www.ctc-n.org/
UN DESA - United Nations Department of Economic and Social Affairs (Population and Statistics Divisions)	New York	https://www.un.org/development/desa/ (https://population.un.org/wpp/ ; https://esa.un.org/unpd/wup/ ; https://unstats.un.org/)
UN DESA Division for Sustainable Development Goals (DSDG)	New York	https://sustainabledevelopment.un.org/sdg11
UN DESA United Nations Social Development Network (UNSDN)	New York	https://unsdn.org/
UN ECOSOC - United Nations Economic and Social Council	New York	https://www.un.org/ecosoc/
UN ECOSOC Economic and Social Commission for Asia and the Pacific (ESCAP)	Bangkok	https://www.unescap.org/
UN ECOSOC Economic Commission for Africa (ECA)	Addis Ababa	https://www.uneca.org/
UN ECOSOC Economic Commission for Latin America and the Caribbean (ECLAC)	Mexico D.F.	https://www.cepal.org/

UN Habitat - United Nations Human Settlements Programme	Nairobi	https://new.unhabitat.org/ (http://urbandata.unhabitat.org/ ; https://unhabitat.org/urban-initiatives/)
UN OCHA - United Nations Office for the Coordination of Humanitarian Affairs (Reliefweb)	Geneva	https://www.unocha.org/ (https://reliefweb.int/)
UN ODC - United Nations Office on Drugs and Crime	Vienna	https://www.unodc.org/
UN OHCHR - Office of the United Nations High Commissioner for Human Rights	Geneva	https://www.ohchr.org/
UNCCD - United Nations Convention to Combat Desertification	Bonn	https://www.unccd.int/
UNDP - United Nations Development Programme	New York	https://www.undp.org/
UNDP Governance of Climate Change Finance (GCCF)	Bangkok	https://www.climatefinance-developmenteffectiveness.org/
UNDP Istanbul International Centre for Private Sector in Development (IICPSD)	Istanbul	https://www.iicpsd.undp.org/
UNDRR (UNISDR) - United Nations Office for Disaster Risk Reduction (Preventionweb; Stop Disasters Game)	Geneva	https://www.unisdr.org/ (https://www.preventionweb.net/ ; https://www.preventionweb.net/rcc/ ; https://www.preventionweb.net/arise/ ; https://www.stopdisastersgame.org/)
UNEP - United Nations Environment Programme (Convention on Biological Diversity (CBD))	Nairobi	https://www.unenvironment.org/
UNEP Convention on Biological Diversity (CBD)	Montreal	https://www.cbd.int/
UNFCCC - United Nations Framework Convention on Climate Change (Nairobi Work Programme (NWP))	Bonn	https://unfccc.int/ (http://unfccc.int/adaptation/workstreams/nairobi_work_programme/items/9201.php)
UNFCCC Local communities and indigenous peoples platform (LCIPP); NAP Central (Adaptation Knowledge Portal)	Bonn	https://unfccc.int/LCIPP ; https://www4.unfccc.int/sites/NAPC/Pages/Home.aspx (http://www4.unfccc.int/sites/nwp/)
UNHCR - United Nations High Commissioner for Refugees (Innovation Service)	Geneva	https://www.unhcr.org/ (http://www.unhcr.org/innovation/)
UNICEF - United Nations Children's Fund	New York	https://www.unicef.org/
UNICEF Research Innocenti	Florence	https://www.unicef-irc.org/
UNITAR - United Nations Institute for Training and Research (UNOSAT)	Geneva	http://www.unitar.org/ (http://www.unitar.org/unosat/)
UNOPS - United Nations Office for Project Services	Copenhagen	https://www.unops.org/ ; https://www.unops.org/english/News/announcements/Pages/UNOPS-and-UN-Habitat-sign-new-partnership-for-sustainable-urban-development.aspx
UNRISD - United Nations Research Institute for Social Development	Geneva	http://www.unrisd.org/
UNTFHS - United Nations Trust Fund for Human Security (Human Security Unit (HSU))	New York	https://www.un.org/humansecurity/
UNU-EHS - United Nations University Institute for Environment & Human Security (VARMAP)	Bonn	https://ehs.unu.edu/ (https://ehs.unu.edu/about/departments/varmap)

World Bank Social, Urban, Rural and Resilience Global Practice (SURR)	Washington D.C.	https://ieg.worldbankgroup.org/topic/social-urban-rural-and-resilience
World Bank Sustainable Cities, Nasikiliza, and Voices Blogs	Washington D.C.	https://blogs.worldbank.org/sustainablecities ; https://blogs.worldbank.org/nasikiliza ; https://blogs.worldbank.org/voices
World Bank Urban Development; Disaster Risk Management; and Climate Change	Washington D.C.	https://www.worldbank.org/ (https://www.worldbank.org/en/topic/urban-development); https://www.worldbank.org/en/topic/disaster-risk-management ; https://www.worldbank.org/en/topic/climate-change)
World Bank Urbanscapes Community of Practice	Washington D.C.	https://collaboration.worldbank.org/content/sites/collaboration-for-development/en/groups/urbanscapes.html

Other contributions

Name	Place	Info
(Urban) Seeds of good anthropocene		https://goodanthropocenes.net/
A Catalog of Civic Data Use Cases		http://datasmart.ash.harvard.edu/about/data-smart-city-solutions
Accion contre el Hambre		https://www.accioncontraelhambre.org/en/countries
ACTED		http://www.acted.org/
Action on Climate Today (ACT)		http://www.acclimatise.uk.com/collaborations/action-on-climate-today/#ui-id-1
ActionAid		http://www.actionaid.org/
Active Learning Network for Accountability and Performance		https://www.alnap.org/ (https://www.alnap.org/our-topics/urban-response)
Adaptation Community		https://www.adaptationcommunity.net/
Adaptation Watch		http://www.adaptationwatch.org/
ADB Asian Thinktanks		https://www.adb-asiathinktanks.org/
ADB(I) - Asian Development Bank (Institute)		https://www.adb.org/adbi/ (https://development.asia/ ; https://www.asiapathways-adbi.org/)
ADB(I) Livable Cities		https://www.livablecities.info/
Adelphi		https://www.adelphi.de/en
Adeso		http://adesoafrika.org/
AECOM		https://www.aecom.com/without-limits/theme/cities/ (https://infrastructureweek.org/around-the-world-in-almost-80-resilience-projects/)
Africa Center for Strategic Studies		https://africacenter.org/

African Centre for Cities		https://www.africancentreforcities.net/ ; https://www.urbanafrika.net/
African Development Bank (AfDB) Group		https://www.afdb.org/
African Ministerial Conference on Meteorology)		http://www.wmo.int/amcomet/
African Population and Health Research Center		http://aphrc.org/
African Urbanism		http://africanurbanism.net/
Agence Française de Développement: Ideas for Development		https://ideas4development.org/
Agenda for Humanity		https://www.agendaforhumanity.org/
AGORA Cities in Crisis programme		http://www.impact-initiatives.org/cities-in-crisis
Aid Data		https://www.aiddata.org/
AkzoNobel		https://www.akzonobel.com/
Alfred Herrhausen Gesellschaft		https://www.alfred-herrhausen-gesellschaft.de/
All India Disaster Mitigation Institute		http://www.aidmi.org/
All-in Diary		http://allindiary.org/
Alliance 2015		http://alliance2015.org/
Alliance for Global Water Adaptation		http://alliance4water.org/
Alliance of Mayors and Municipal Leaders on HIV/AIDS in Africa		http://www.amicaall.org/
ALNAP Urban (Humanitarian) Response Portal		www.urban-response.org/
Alphr		http://www.alphr.com/
American Association of Geographers (AAG)		http://www.aag.org/
Amnesty International		https://www.amnesty.org/en/
Amsterdam Institute for Advanced Metropolitan Solutions		http://www.ams-institute.org/
Amsterdam International Water Week		http://internationalwaterweek.com/
Amsterdam Smart City		https://amsterdamsmartcity.com/
Anteverdi		http://www.anteverti.com/eng/
Anteverdi Cities To Be		http://www.citiestobe.com/
Apolitical		https://apolitical.co/
Arcadis		http://arcad.is ; https://www.arcadis.com/en/global/market-sectors/cities/citiessurvival-of-the-resilient/
Arch Daily		https://www.archdaily.com/
Architecture of Peace		http://architectureofpeace.org/
Arizona State University (ASU) School of Geographical Sciences & Urban Planning		https://geoplan.asu.edu/

Arizona State University (ASU) UREx Sustainability Research Network (SRN)		https://sustainability.asu.edu/urbanresilience/
ARUP		https://www.arup.com/
Ash Center for Democratic Governance and Innovation		https://ash.harvard.edu/
Asia Times		http://www.atimes.com/
Asian Cities Climate Change Resilience Network		https://www.acccrn.net
Asian Disaster Preparedness Center		https://www.adpc.net/
Asian Disaster Reduction & Response Network		http://adrrn.net/
Asian Disaster Reduction Center (ADRC)		http://www.adrc.asia/
Asian Ministerial Conference on Disaster Risk Reduction		http://montsame.mn/en/read/12241
Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR)		https://www.amcdrrindia.net/ ; https://www.preventionweb.net/publications/view/20382 ; http://www.unisdr.org/archive/56327
Asian Venture Philanthropy Network (AVPN)		https://avpn.asia/
Aspen Global Change Institute		https://www.agci.org/
Assessment Capacities Project		https://www.acaps.org/
Atlas of Urban Expansion		http://atlasofurbanexpansion.org/
Australia Indonesia Centre		https://australiaindonesiacentre.org
Australian Aid		http://dfat.gov.au/aid/
Australian Council for International Development		https://acfid.asn.au/
AXA Research Fund		https://www.nationalgeographic.com/axaresearchfund/
BBC News		http://www.bbc.com/news
BCN Urban Resilience		http://www.bcnurbanresilience.com/
Be a smart city Bee		https://www.beesmart.city/index
Belfer Centre for Science and International Affairs		https://www.belfercenter.org/
Bellingcat		https://www.bellingcat.com/
Belmont Forum		https://www.belmontforum.org/
Berita Jakarta		http://www.beritajakarta.id/en
Bill & Melinda Gates Foundation		https://www.gatesfoundation.org/
Black & Veatch		https://www.bv.com/
Bloomberg Philanthropies		https://www.bloomberg.org/
BNPB - National Board for Disaster Management Indonesia (Badan Nasional Penanggulangan Bencana)		https://www.bnpb.go.id/ (http://bpbpbd.jakarta.go.id)
BNPB Indonesia Geospatial Disaster Data eXchange (InaDDX)		http://inaddx.imorum.com/
Bond		https://www.bond.org.uk/

Both ENDS		http://www.bothends.org/en/
Breathe Life		http://breathelife2030.org/
BRINK		http://www.brinknews.com/
Brookings Institution		https://www.brookings.edu/
Build Academy Resilient Homes Challenge		https://buildacademy.com/resilienthomes/
Building Resilience and Adaptation to Climate Extremes and Disasters		http://www.braced.org/
Building the Future of Health (conference)		http://buildingthefutureofhealth.eu/
Burnet Institute		https://www.burnet.edu.au/
Business and Sustainable Development Commission		http://businesscommission.org/
C40 Cities Climate Leadership Group		http://www.c40.org/ ; https://www.c40reinventingcities.org/
Camp Coordination and Camp Management Cluster		http://www.globalccmcluster.org/
Carbon Disclosure Project		https://www.cdp.net/cities
CARE		http://care.org/
Carlos Moreno		http://www.moreno-web.net/
CBO Book		http://cbobook.org/
Center for Climate & Security		https://climateandsecurity.org/
Center for resilient cities and landscapes		https://www.arch.columbia.edu/research/centers/4-center-for-resilient-cities-and-landscapes
Center for Sustainable Development		http://csd.columbia.edu/
Centre for Applied Research in Security Innovation		http://www.hope.ac.uk/casi/
Centre for European Policy Studies		https://www.ceps.eu
Centre for Humanitarian Leadership		http://centreforhumanitarianleadership.org/
Centre for Urban Disaster Risk Reduction and Resilience		http://cudrr.org/
Charles Landry		https://charleslandry.com/
Chatham House		https://www.chathamhouse.org/
Circle of Blue		http://www.circleofblue.org/
Cisco		https://www.cisco.com/
Cities Alliance		http://www.citiesalliance.org/
Cities and People		http://www.citiesandpeople.eu/
Cities changing diabetes		http://www.citieschangingdiabetes.com/
Cities for Housing		https://citiesforhousing.org/
Cities for mobility		https://www.cities-for-mobility.net/
Cities in Transition		https://citiesintransition.eu/

Cities of Service		https://citiesofservice.org/
Cities Today		https://cities-today.com/
Citiscopes (ceased)		http://citiscopes.org/ (http://citiscopes.org/story/2018/four-years-covering-urban-innovation-message-citiscopes-readers)
City Carbon Footprints		http://citycarbonfootprints.info/
City Climate Planner		https://cityclimateplanner.org/
City Observatory		http://cityobservatory.org/
CityLab		https://www.citylab.com/
CityMetric		http://www.citymetric.com/
CityNet		https://citynet-ap.org/
CiviComment		https://www.civiccomment.com/
Civitas		http://civitas.eu/
Clean Air and Urban Landscapes (CAUL) hub		https://www.nesurban.edu.au/
Climate & Clean Air Coalition		http://ccacoalition.org
Climate and Development Knowledge Network		https://cdkn.org/
Climate Central		http://www.climatecentral.org/
Climate Knowledge Brokers		https://www.climateknowledgebrokers.net/
Climate Links		https://www.climatelinks.org/
Clingendael Institute		https://www.clingendael.org/
Cloud to Street		http://www.cloudtostreet.info/
CNU - Congress for the New Urbanism		https://www.cnu.org/publicsquare
Coalition for Urban Transitions		http://www.coalitionforurbantransitions.org/ ; https://urbantransitions.global/
Coastal Resilience		http://coastalresilience.org/
Columbia University Center for Resilient Cities and Landscapes		https://crcl.columbia.edu/
Concern Worldwide		https://www.concern.net/ ; http://pruv.ucd.ie/
Connecting Nature		http://www.connectingnature.eu/
Consultative Group to Assist the Poor		http://www.cgap.org/
COP23		https://cop23.com.fj/ ; http://www.cities-and-regions.org/
Cordaid		https://www.cordaid.org/en/news/urban-farming-jakarta/ ; https://www.cordaid.org/en/news/mapping-marunda-making-information-matter/
Core Humanitarian Standard Alliance		https://www.chsalliance.org/

Cosmopolis		http://www.cosmopolis.be/
Council on Foreign Relations		https://www.cfr.org
Covenant of Mayors for Climate and Energy		http://www.covenantofmayors.eu/
Crime Radar		https://rio.crim radar.org/
CTT - Carbon Track and Trace		https://www.ntnu.edu/ad/ctt
Curbed		https://www.curbed.com/search?q=urban+resilience
DataHaven		http://www.ctdatahaven.org/
Delta Coalition		http://www.deltacoalition.net/
Deltacommissaris		https://www.deltacommissaris.nl/
Deltares		https://www.deltares.nl/en/
Deltas, vulnerability & Climate Change: Migration & Adaptation		http://generic.wordpress.soton.ac.uk/deccma/
Design for Social Change		http://www.d4sc.io/
Deutsche Post DHL		http://www.dpdhl.com
Deutsche Welle		http://www.dw.com/
Devdiscourse		https://www.devdiscourse.com/
Devex		https://www.devex.com/
DevPolicy		http://devpolicy.org
DFID Infrastructure and Cities for Economic Development (ICED)		http://icedfacility.org/
DIE-GDI - The German Development Institute		https://www.die-gdi.de/en/
Digital Humanitarians		http://digital-humanitarians.com/
Digital Trends		https://www.digitaltrends.com/
Disruptive Innovation Festival (cities, system thinking)		https://www.thinkdif.co/topics/cities
Durban Adaptation Charter		http://www.durbanadaptationcharter.org/
Dutch Agricultural councils abroad		https://www.agroberichtenbuitenland.nl/
Dutch Water Sector		https://www.dutchwatersector.com/
Earth System Governance Project		http://www.earthsystemgovernance.org/
Eco-Business		http://www.eco-business.com/
Ecological Sequestration Trust		https://resilience.io/; https://ecosequestrust.org/
EIT Climate-KIC		https://www.climate-kic.org/
ELRHA		https://www.elrha.org/ (https://medium.com/elrha)
ELRHA Innovation Fund		https://higuide.elrha.org/

EMA - Emergency Management Australia	https://www.ag.gov.au/EmergencyManagement/ (https://www.ag.gov.au/EASToolkit)
Enabling City	https://www.enablingcity.com/
Energy & Climate Intelligence Unit (ECIU)	https://eciu.net/
Engaging Cities	http://www.engagingcities.org/
Enhanced Learning and Research for Humanitarian Assistance	http://www.elrha.org/
Facebook Crisis Response	https://www.facebook.com/about/crisisresponse/
Famine Early Warning System (FEWS)	http://fews.net/
Fast Company	https://www.fastcompany.com/
FCL Urban-Rural Systems (URS) Team	http://urs.fcl.sg/
Federación Latinoamericana de Ciudades, Municipios y Asociaciones de Gobiernos Locales	http://www.flacma.lat/
Feinstein International Center	http://fic.tufts.edu/
FIA Foundation	https://www.fiafoundation.org/
FIA Smart Cities	https://www.fia.com/fia-smart-cities-0
Field Ready	https://www.fieldready.org/
Filantropi Indonesia	http://filantropi.or.id/
Financing Sustainable Cities Initiative (FSCI)	http://science.sciencemag.org/content/360/6390/788
Flexible City	http://www.futureofcities.ox.ac.uk/
Flood Resilience Portal	https://floodresilience.net/
Flood Tags	https://www.floodtags.com/
Flowminder	http://www.flowminder.org/
Food and Agriculture Organization	http://www.fao.org/ (http://www.fao.org/urban-agriculture)
Food for the Hungry	https://www.fh.org/
Food for the Hungry	https://www.fh.org/our-work/countries/indonesia/
FOPRN - Future of Places Research Network	https://foprn.org/
Ford Foundation	http://www.fordfoundation.org/
Front Line Defenders	https://www.frontlinedefenders.org/
Future Analytics	http://www.futureanalytics.ie/; http://pruv.ucd.ie/
Future Cities Laboratory (FCL)	http://www.fcl.ethz.ch/
Future Earth	http://www.futureearth.org/
Future of Places	http://futureofplaces.com/
Futurism	https://futurism.com/

G3ict and World Enabled Smart Cities for All		http://smartcities4all.org/
GAP - Gaming for Peace		https://gap-project.eu/
Gapminder		https://www.gapminder.org/
Gehl		http://gehlpeople.com/
Geneva Association		https://www.genevaassociation.org/
Geo Service UG		https://www.rug.nl/society-business/centre-for-information-technology/research/services/gis/
Geographical		http://geographical.co.uk/
Geography2050		http://2017.geography2050.org/archive/2015.html
German Society for International Cooperation		https://www.giz.de/
GFDRR - Global Facility for Disaster Reduction and Recovery		https://www.gfdr.org/
GFDRR Code for Resilience		http://codeforresilience.org/
Global Alliance for Clean Cookstoves		http://cleancookstoves.org/ ; https://www.cleancookingalliance.org/
Global Alliance for Urban Crises		http://www.urbancrises.org/ ; https://youtu.be/lIsxyEyukxl
Global Alliance of Waste Pickers		http://globalrec.org/
Global Center on Adaptation (Groningen)		https://gca.org/
Global Cities Institute		http://www.globalcitiesinstitute.org/
Global Covenant of Mayors for Climate and Energy		https://www.globalcovenantofmayors.org/
Global Designing Cities Initiative		https://globaldesigningcities.org/
Global Dev blog		globaldev.blog/
Global Development Learning Network		http://gdln.org/
Global Development Learning Network Asia Pacific		http://www.gdlnap.org/
Global Development Learning Network Tokyo Development Learning Centre		http://www.jointokyo.org/
Global Development Network		http://www.gdn.int/
Global Disaster Preparedness Centre		https://www.preparecenter.org/ (https://www.preparecenter.org/resources/building-coalitions-urban-resilience-toolkit)
Global Environment Facility		http://www.thegef.org/
Global Food Monitor		https://www.globalfoodmonitor.org/
Global Forum on Regional and Urban Resilience		http://www.globalforum.vt.edu/
Global Human Settlement Layer (GHSL)		https://ghsl.jrc.ec.europa.eu/
Global Humanitarian Lab		https://globalhumanitarianlab.org/
Global Innovation Fund		https://globalinnovation.fund/

Global Land Tool Network		https://gltn.net/
Global Municipal Database		http://globalmunicipaldatabase.unhabitat.org/
Global Network of Civil Society Organisations for Disaster Reduction (GNDR)		http://www.gndr.org/
Global Opportunity Explorer		http://explorer.sustainia.me/
Global Parliament of Mayors (GPM)		https://globalparliamentofmayors.org/
Global Partnership on Output-Based Aid		https://www.gpoba.org/
Global Platform for Sustainable Cities (GPSC)		https://www.thegpsc.org/
Global Public Policy Institute		http://www.gppi.net/
Global Resilience Partnership		http://www.globalresiliencepartnership.org/
Global Shelter Cluster		https://www.sheltercluster.org/
Global Taskforce of Local and Regional Governments		https://www.global-taskforce.org/
Global Urban Futures Project (Habitat Commitment Index HCI)		https://www.globalurbanfutures.org/ (https://www.globalurbanfutures.org/habitat-commitment-index)
Global Urbanist		http://globalurbanist.com/
Global Water Security & Sanitation Partnership		http://www.worldbank.org/en/programs/global-water-security-sanitation-partnership
Google Urbanism		http://googleurbanism.com/
Gorakhpur Environmental Action Group (GEAG)		https://geagindia.wordpress.com/
GovEx		http://datastandards.directory/
Grand Challenges Canada		http://www.grandchallenges.ca
Green Growth Knowledge		https://www.greengrowthknowledge.org/
Green Matters		http://www.greenmatters.com/
Greenbiz		https://www.greenbiz.com/
Groningen Research Centre for Southeast Asia and ASEAN (SEA-ASEAN) and the Centre for East Asian Studies Groningen (CEASG)		
Ground Truth Solutions		https://www.transparency.org/
Guangzhou International Award for Urban Innovation		http://www.guangzhouaward.org/
Guardian Cities		https://www.theguardian.com/cities
Guardian Working in Development		https://www.theguardian.com/working-in-development
Habitat for Humanity		https://www.habitat.org/ (http://solidgroundcampaign.org/)
Habitat III		http://habitat3.org/
Hahn+Hartung		http://www.hahn-hartung.com/the-beauty-and-the-beast

Harmonise	http://harmonise.eu/
HDX - Humanitarian Data Exchange	https://data.humdata.org/
Healthy City Design (conference)	http://healthycitydesign2017.salus.global/conference-show/healthy-city-design-2017
HIVOS	https://sea.hivos.org/
Huffington Post	www.huffingtonpost.com
Human Cities Coalition	https://www.humancities.co/ (dead link)
Human Rights Watch	https://www.hrw.org/
Human Security Centre	http://www.hscentre.org/
Human Security Collective	http://www.hscollective.org/
Human Security International	https://humansecurity.org/
Humanitarian Advisory Group	http://humanitarianadvisorygroup.org/
Humanitarian Grand Challenge	https://humanitariangrandchallenge.org/
Humanitarian ID	https://humanitarian.id/
Humanitarian Leadership Academy	http://www.humanitarianleadershipacademy.org/
Humanitarian Leadership Programme	http://humanitarianleaders.org/
Humanitarian News Research Network	https://blogs.city.ac.uk/humnews/
Humanitarian Outcomes	https://www.humanitarianoutcomes.org/
Humanitarian to Humanitarian	http://h2hworks.org/
Humanosphere	http://www.humanosphere.org/
ICCCAD - International Centre for Climate Change and Development (Green Climate Fund, GEF)	http://www.icccad.net/urban-climate-change/
ICLEI (International Council for Local Environmental Initiatives) - Local Governments for Sustainability	http://www.iclei.org/
ICLEI carbonn Climate Registry	http://carbonn.org/
ICLEI Cities Biodiversity Center	https://cbc.iclei.org/
ICLEI CityTalk	https://talkofthecities.iclei.org/
ICLEI Local Climate Solutions for Africa	http://locs4africa.iclei.org/
ICRC Humanitarian Law & Policy blog	https://blogs.icrc.org/law-and-policy/
IDIA - International Development Innovation Alliance	https://www.globalinnovationexchange.org/ (http://insights.globalinnovationexchange.org/)
IESE Cities in Motion	https://www.iese.edu/faculty-research/cities-in-motion/
IFPRI - International Food Policy Research Institute	http://www.ifpri.org/
IFRC Climate Centre	http://climatecentre.org/

Igarapé Institute		https://igarape.org.br/en/ (http://fragilecities.igarape.org.br/)
IHE Delft Institute for Water Education		https://www.un-ihe.org/
IIED Stronger Cities Initiative		https://www.iied.org/stronger-cities-initiative
IMPACT		http://www.impact-initiatives.org/
Impact Hub		http://www.impacthub.net/
Impakter		https://impakter.com/?s=urban+resilience
INASP - International Network for the Availability of Scientific Publications		https://www.inasp.info/ (https://www.inasp.info/project/building-capacity-use-research-evidence-vakayiko)
Indian Institute for Human Settlements		http://ihs.co.in/
Indonesia Global Compact Network		http://indonesiagcn.org
Indonesia Resilience Foundation		https://www.facebook.com/IndonesiaResilienceFoundation/
Indonesian Development Ministry and Planning Agency (Kemen PPN/Bappenas)		www.bappenas.go.id
Infinite Earth Radio		https://infiniteearthradio.com/
Inform Index		http://www.inform-index.org/
Initiative for Urban Climate Change and Environment		http://iucce.org/
Innovative Governance of Large Urban Systems		http://iglus.org/
Inside Climate News		https://insideclimatenews.org/search?search=urban+resilience
Inside Indonesia		http://www.insideindonesia.org/ (https://www.insideindonesia.org/city-of-traps)
Institute for Global Environmental Strategies		https://www.iges.or.jp/en/
Institute for Housing and Urban Development Studies		https://www.ihs.nl/
Institute for Human Security and Social Change		http://www.latrobe.edu.au/socialchange
Institute for International Economic Policy		https://www2.gwu.edu/~iiep/
Institute for Strategic Studies Africa		https://issafrica.org/events/africas-future-is-urban
Institute for Transportation and Development Policy		https://www.itdp.org
Institute of Development Studies		http://www.ids.ac.uk/
Insuresilience		http://www.insuresilience.org/
Integrated Regional Information Networks News		http://www.irinnews.org/
Integrated Research on Disaster Risk (IRDR)		http://www.irdrinternational.org/
Integration and Implementation Insights		https://i2insights.org/

Intel Internet of Things	https://www.intel.com/content/www/us/en/internet-of-things/overview.html
Inter Press Service	http://www.ipsnews.net/
Inter-Agency Standing Committee	https://interagencystandingcommittee.org/
Inter-American Development Bank (IDB)	http://www.iadb.org
InterAction	https://www.interaction.org/
Intergovernmental Panel on Climate Change (IPCC)	https://www.citiesipcc.org/
Internal Displacement Monitoring Centre	http://www.internal-displacement.org
International Aid Transparency Initiative	https://www.aidtransparency.net/
International Centre for Trade and Sustainable Development	https://www.ictsd.org/
International Crisis Group	https://www.crisisgroup.org/
IDRC - International Development Research Centre (i.a. Safe and Inclusive Cities)	https://www.idrc.ca/
International Federation of Consulting Engineers	http://fidic.org/
International Federation of Red Cross and Red Crescent Societies	http://www.ifrc.org/
International Growth Centre	https://www.theigc.org/research-themes/cities/
International Humanitarian Studies Association (IHSA)	https://ihsa.info/
International Institute for Applied Systems Analysis	http://www.iiasa.ac.at/
International Institute for Environment and Development (IIED)	https://www.iied.org/ ; https://www.iied.org/urban-crises-learning-fund ; http://pubs.iied.org/
International Institute for Strategic Studies	http://www.iiss.org/
International Institute for Sustainable Development	http://www.iisd.org/ (http://sdg.iisd.org/ ; http://sdg.iisd.org/sdgs/goal-11-sustainable-cities-communities/)
International Institute of Social Studies (Erasmus University Rotterdam)	https://www.iss.nl/en/research/research-projects/civil-society-and-market/research-projects/when-disaster-meets-conflict ; https://issblog.nl/
International Institute of Tropical Agriculture (IITA)	http://www.iita.org/
International Labour Organisation	http://www.ilo.org/
International Monetary Fund	http://www.imf.org/
INTALINC - International Network for Transport and Accessibility in Low Income Countries	https://intalinc.leeds.ac.uk/
International Network Observatory	http://www.networkobservatory.org/
International Organization for Migration	http://www.iom.int/
International Organization for Standardization	https://www.iso.org/

International Peace Institute		https://www.ipinst.org/
International Policy Centre for Inclusive Growth (IPC-IG)		http://www.ipc-undp.org/
International Recovery Platform		http://www.recoveryplatform.org/
International Reference Centre for Community Water Supply (IRC WASH)		https://www.ircwash.org/
International Resilience Center		https://ippprc.org/
International Society for Preparedness, Resilience, and Security (INSPRS)		http://insprs.org/
International Society for Urban Health		https://nyam.org/isuh/ ; https://isuh.org/
International Society of City and Regional Planners		https://isocarp.org/
International Union for Conservation of Nature		https://www.iucn.org/ (https://www.iucn.org/theme/ecosystem-management/our-work/environment-and-disasters/ecosystems-protecting-infrastructure-and-communities-epic)
International Union of Architects (Actions Without Borders)		http://www.uia-architectes.org/ ; http://www.uia2017seoul.org/
Internet of Business		https://internetofbusiness.com/
Internews		https://www.internews.org/
IRC - International Rescue Committee		https://www.rescue-uk.org
iRevolutions		https://irevolutions.org/
Irish Aid		https://www.irishaid.ie/
Irish Research Council		http://research.ie/
IRP - International Recovery Platform		https://www.recoveryplatform.org/themes/in-recovery/24/urban-resilience
ISDB - Islamic Development Bank		https://www.isdb.org/
ISET-International - Institute for Social and Environmental Transition-International		http://i-s-e-t.org/
Islamic Relief		http://www.islamic-relief.org/
Island Press Urban Resilience Project		https://islandpress.org/urban-resilience-project
ISS - Bliss blog		https://issblog.nl/
ISS - Institute for Security Studies		https://issafrica.org/
ITAD		https://www.itad.com/
IWA -International Water Association		http://www.iwa-network.org (http://iwa-network.org/rethinking-investment-in-urban-resilience/)
Jakarta Globe		http://jakartaglobe.id
Jakarta Post		http://www.thejakartapost.com/
Jakarta Today News		https://paper.li/jakartatoday/news#/

Jesuit Refugee Service	http://en.jrs.net ; http://pruv.ucd.ie/ ; https://sjrlac.org/
JLL Cities Research	https://www.us.jll.com/en/research/cities-research
JLL Cities Research Center	http://www.jll.com/cities-research
Joint IDP Profiling Service	http://www.jips.org
Kenya Green Building Society	http://www.kenyagreenbuildingsociety.co.ke/
Korea Research Institute for Human Settlements (KRIHS)	http://eng.krihs.re.kr/
Kounkuey Design Initiative	http://kounkuey.org/
KPMG	https://home.kpmg.com
KUNO - Humanitarian Knowledge Exchange	https://www.kuno-platform.nl/
KWWA - Korea Water and Wastewater Works Association	https://www.kwwa.or.kr ; http://english.kwater.or.kr/
La red de universitarios de América Latina y el Caribe para la gestión y la reducción de riesgos de emergencias y desastres (REDULAC)	http://redulacrrd.org/
LabCities	http://www.labcities.com/
Land Development & Governance Institute	http://www.ldgi.org/
Landportal	https://landportal.info/
LBH Masyarakat (Community Legal Aid Institute)	https://lbhmasyarakat.org/
Lima Adaptation Knowledge Initiative (LAKI)	http://www.researchtoaction.org/2017/12/knowledge-action-overcoming-barriers-successful-adaptation/
Living Cities	https://www.livingcities.org/
London International Development Centre	http://www.lidc.org.uk/
Lowy Institute	https://www.lowyinstitute.org/
LSE Cities	https://lsecities.net/
LSE New Urban Governance	https://lsecities.net/objects/research-projects/new-urban-governance
LSE Resource Urbanisms	https://lsecities.net/objects/research-projects/resource-urbanisms
LSE Urban Age	https://urbanage.lsecities.net
MacArthur Foundation	https://www.macfound.org/
Mapzen	https://mapzen.com/
MARIN Maritime Research Institute Netherlands	http://www.marin.nl/
Marron Institute of Urban Management	http://marroninstitute.nyu.edu/
Martin Prosperity Institute	http://martinprosperity.org/
McCain Institute for International Leadership	https://www.mccaininstitute.org/
McKinsey	https://www.mckinsey.com/

Medecins Sans Frontieres		http://www.msf.org
Medellín Collaboration on Urban Resilience		http://www.worldbank.org/en/news/feature/2014/04/15/stengthening-global-collaboration-for-urban-resilience
Meeting of the Minds		http://meetingoftheminds.org/
MegaCities ShortDocs		http://megacities-shortdocs.org/
Mercy Corps		https://www.mercycorps.org.uk
Metabolism of Cities		https://metabolismofcities.org/
MetroLab network		https://metrolabnetwork.org/
Michigan Engineering		http://dme.engin.umich.edu/jakarta/
Migration Data Portal		http://migrationdataportal.org/
MIKTA		http://dfat.gov.au/international-relations/international-organisations/mikta/Pages/mikta.aspx
MIKTA – Mexico, Indonesia, the Republic of Korea, Turkey, Australia		www.mikta.org/
Missing Maps		http://www.missingmaps.org/
Mistra Urban Futures (MUF)		https://www.mistraurbanfutures.org/en
MIT CoLab Radio		http://colabradio.mit.edu/
MIT Urban Planning (SPURS)		https://dusp.mit.edu/
Mitidaption		http://www.mitidaption.com/
MJIIT Disaster Preparedness and Prevention Centre		http://mjiit.utm.my/dppc/dppc-homepage/
Mobilise your City		http://mobiliseyourcity.net/
Mongabay		http://mongabay.org/
Munich Climate Insurance Initiative		http://www.climate-insurance.org/home/
Munich Re Foundation (Resilience Academy)		http://www.munichre-foundation.org/home/DisasterPrevention/Resilience-Academy.html ; https://natcatservice.munichre.com/
Muslim Charities Forum		http://www.muslimcharitiesforum.org.uk/
MyUrbanist		http://www.myurbanist.com/
National Adaptation Plan (NAP) Global Network		http://napglobalnetwork.org
National Counter Terrorism Agency Indonesia		https://www.bnpt.go.id/
National Disaster Response Force India		http://ndrf.gov.in/
National Geographic		https://www.nationalgeographic.com/
National Oceanic and Atmospheric Administration		http://www.noaa.gov/
National Search and Rescue Agency Indonesia (Badan Nasional Pencarian dan Pertolongan)		http://basarnas.go.id/

Nature Based Solutions		https://naturebasedsolutions.org/
Nature Conservancy		https://www.nature.org/
Nature Insurance Value		http://www.naiad2020.eu/
Nest Ideas		https://medium.com/nest-ideas
Netherlands Ministry of Infrastructure and Water Management		https://www.rijksoverheid.nl/ministeries/ministerie-van-infrastructuur-en-waterstaat
Netherlands Society for International Affairs		http://www.ngiz.nl/
Netherlands Water Partnership		https://www.nwp.nl/
New Cities		https://newcities.org/
New Mandala		http://www.newmandala.org
New York Times		https://www.nytimes.com/
Next City		https://nextcity.org/
Norman Foster Foundation		https://www.normanfosterfoundation.org (http://www.normanfosterfoundation.org/educational/futureisnow/)
Norwegian Refugee Council		https://www.nrc.no/
NRC		https://www.nrc.nl/
Nusantara Economics		http://nusantaraeconomics.com/
NYU Marron Institute of Urban Management		http://marroninstitute.nyu.edu/
Olusegun Obasanjo Foundation		http://www.olusegunobasanjofoundation.com/
On Frontiers		https://onfrontiers.com/
One Planet Coalition		https://www.oneplanetsummit.fr/en/
Open Data for Resilience Index		https://index.opendri.org/
Open Government Indonesia		http://blog.opengovindonesia.org/
Open Government Partnership		https://www.opengovpartnership.org/
Open House		http://www.openhouseworldwide.org/
Open Society Foundations		https://www.opensocietyfoundations.org/
Open Street Map		https://www.openstreetmap.org
Open Your City		https://openyourcity.com/
Opticits Hazur		http://opticits.com/
Organisation for Economic Cooperation and Development		http://www.oecd.org/ ; http://www.oecd.org/inclusive-growth/champion-mayors/
Organisation of American States		http://www.oas.org/en/
Ouishare		http://ouishare.net/
Our World in Data		https://ourworldindata.org/

Overseas Development Institute (ODI)		https://www.odi.org/
Overseas Development Institute (ODI) Humanitarian Policy Group		https://www.odi.org/our-work/programmes/humanitarian-policy-group
Overseas Development Institute (ODI) Humanitarian Practice Network		https://odihpn.org/
Oxfam		https://www.oxfam.org/
Oxford Urban		https://www.conted.ox.ac.uk/about/urban-studies
Paris Region Planning and Development Agency (IAU Île-de-France)		https://www.iau-idf.fr/
Partnering for Green Growth and the Global Goals 2030		https://p4gpartnerships.org/
Partnership for Environment and Disaster Risk Reduction		http://pedrr.org/
PEAKurban		http://www.peak-urban.org/
PetaBencana		http://www.petabencana.id/
PetaJakarta		https://petajakarta.org/banjir/en/index.html
Pew Research Center		http://www.pewglobal.org/ (https://www.pewresearch.org/global/research/urban%20resilience)
PfR - Partners for Resilience		http://www.partnersforresilience.nl/en/
PHYS (Science X)		https://phys.org/ ; https://sciencex.com/
Plan International		https://plan-international.org/ ; http://pruv.ucd.ie/
Planetary Security Initiative		https://www.planetarysecurityinitiative.org/
PLATform for Climate Adaptation and Risk reduction (PLACARD)		https://www.placard-network.eu/
Platform on Disaster Displacement		http://disasterdisplacement.org/
Platforma		http://platforma-dev.eu/
POLITICO		https://www.politico.eu
Porticus Foundation (Schultz Van Haegen Min VWS, Brenninkmeijers)		https://www.porticus.com/en/home
Potsdam Institute for Climate Impact Research		https://www.pik-potsdam.de/
Practical Action		https://practicalaction.org/
Programme on Ecosystem Change and Society		http://www.pecs-science.org/
Project for Public Spaces		https://www.pps.org/
Project Syndicate		https://www.project-syndicate.org/archive?query=urban+resilience
PSUP - Participatory Slum Upgrading Programme		https://unhabitat.org/urban-initiatives/initiatives-

		programmes/participatory-slum-upgrading/
Public – Private Infrastructure Advisory Facility		https://ppiaf.org/
Public Private Partnerships (PPP) Knowledge lab		https://pppknowledgelab.org/
Pulitzer Center		https://pulitzercenter.org/ (https://pulitzercenter.atavist.com/toxic-planet)
PWC (Cities)		https://www.pwc.co.uk/ (https://www.pwc.nl/hackingaid)
Quartz		https://qz.com/
Raconteur		https://www.raconteur.net/
RAND Corporation		https://www.rand.org/
REACH		http://www.reach-initiative.org/
Rebuild by Design		http://rebuildbydesign.org/
Recycling the City Network		https://www.recitynet.org
Refugees International		https://www.refugeesinternational.org/
REgeneration MOdel for accelerating the smart URBAN transformation		http://www.remourban.eu/
Regional Organizations Humanitarian Action Network (ROHAN)		https://www.agendaforhumanity.org/initiatives/3857
Regional Universities Forum for Capacity Building in Agriculture (RUFORUM)		http://www.ruforum.org/
REMI Network		https://www.reminetwork.com/
Remix		https://blog.remix.com/remix-celebrates-300-transportation-customers-a39007a876a3
Research to Action		http://www.researchtoaction.org/
Resilence		http://resilens.eu/
Resilience Action Fund		http://www.buildingresilient.com/
Resilience Alliance		https://www.resalliance.org/
Resilience Brokers		https://resiliencebrokers.org/
Resilience Dialogues		http://www.resiliencedialogues.org/
Resilience Measurement Evidence & Learning Community of Practice		http://www.measuringresilience.org/
Resilience Post		https://resiliencepost.com/
Resilience thinking for global development (Rethink)		https://rethink.earth
Resilience Tools		http://www.resiliencetools.org/
Resilient City		https://resilientcity.com
RESIN		www.resin-cities.eu/
ResiStand		http://www.resistand.eu/

Resource Watch		https://resourcewatch.org/
Rijksuniversiteit Groningen Globalisation Studies Groningen		https://www.rug.nl/gsg; http://pruv.ucd.ie/
RMIT University Centre for Urban Research		http://cur.org.au/
Rockefeller Foundation		https://www.rockefellerfoundation.org/
Rockefeller Foundation 100 Resilient Cities		http://www.100resilientcities.org/ (https://www.100resilientcities.org/partners/)
Rockefeller Foundation Economic Council on Planetary Health at the Oxford Martin School		https://www.planetaryhealth.ox.ac.uk/
Room for the River Programme		https://www.ruimtevoorderivier.nl/
Rotterdam Centre for Resilient Delta Cities		http://rdcrotterdam.com/
Rotterdam Climate Initiative		http://www.rotterdamclimateinitiative.nl/
Royal Haskoning DHV		https://www.royalhaskoningdhv.com/
Royal Town Planning Institute		http://www.rtpi.org.uk/the-rtpi-near-you/rtpi-international/
Royal United Services Institute		https://rusi.org/
Ruhr-Universität Bochum Institut für Friedenssicherungsrecht und Humanitäres Völkerrecht		http://www.ifhv.de/; http://pruv.ucd.ie/
Rujak		http://rujak.org
RVO - Netherlands Enterprise Agency (Water as Leverage for Resilient Cities Asia)		https://english.rvo.nl/subsidies-programmes/water-leverage
Salon		https://www.salon.com/
Samer Bagaeen		https://www.samerbagaeen.com/
San Francisco Bay Area Planning and Urban Research Association (SPUR)		https://www.spur.org/
Santa Fe Institute (Complexity Explorer)		https://www.santafe.edu/
Schack Institute of Real Estate		http://scps.nyu.edu/academics/departments/schack.html
SciDevNet		http://www.scidev.net/global/
Science		http://www.sciencemag.org
SDI Know your city		http://knowyourcity.info/
Secure Livelihoods Research Consortium		https://securelivelihoods.org/
Security & Sustainability Forum		http://securityandsustainabilityforum.org/
SEEDS		http://seedsindia.org/
SEI - Stockholm Environment Institute		https://www.sei-international.org/
SEI Africa		https://stockholmenvironmentinstitute.exposure.co/africas-new-urban-climate
Sharing Cities		http://www.sharingcities.eu/

Sharing Cities Alliance (incl sharenl)		https://sharingcitiesalliance.com/
Shelter Projects		http://shelterprojects.org/
Singularity University		https://su.org (http://urs.fcl.sg/)
SIPRI - Stockholm International Peace Research Institute (SIPRI)		https://www.sipri.org/
Situated Ecologies		http://www.situatedecologies.net/
Slum Dwellers International (SDI)		http://sdinet.org/
Smart & Resilient Cities		https://www.smartresilient.com/
Smart Circle		https://www.smart-circle.org/
Smart Cities Council		https://smartcitiescouncil.com/
Smart Cities Dive		https://www.smartcitiesdive.com/
Smart Cities for All		https://smartcities4all.org/
Smart Cities Information System		http://www.smartcities-infosystem.eu/
Smart Cities Network		https://www.smartcitynetworks.com/
Smart City Brand		http://smartcitybrand.com/
Smart City Hub		http://smartcityhub.com/
Smart City Press		https://www.smartcity.press/
Smart Stories		https://smartstories.nl/
SmartCitiesWorld		https://smartcitiesworld.net
Solutions and co		http://www.solutionsandco.org/
Somalia NGO Consortium		http://somaliangoconsortium.org/
Southern African Development Community		http://www.sadc.int/
Sphere Project		http://www.sphereproject.org/
Sphere Standards		https://www.spherestandards.org/
Standard		https://www.standardmedia.co.ke
Start Network		https://startnetwork.org/
Stichting Nederlandse Vrijwilligers (SNV) (Foundation of Netherlands Volunteers)		http://www.snv.org/
Stockholm International Water Institute (SIWI)		http://www.sivi.org/
Stockholm Resilience Centre		http://www.stockholmresilience.org/ (http://www.stockholmresilience.org/policy--practice/graidd.html); https://graidd.earth/
Strategic Cities		http://strategic-cities.com/
Strelkamag		https://strelkamag.com/en
Sustainable Development Solutions Network		http://www.unsdsn.org/
Sustainable Urban Development Network (SUD-NET)		
Sustainable Urban Transport Project (SUTP)		https://www.sutp.org/en/

Sustainia		http://www.sustainia.me
Swedish International Development Cooperation Agency		http://www.sida.se/
Tada City		https://tada.city/
Telegraaf		https://www.telegraaf.nl/
Tempo		https://www.tempo.co/
The Asia Foundation		https://asiafoundation.org/
The Atlantic Council's Adrienne Arsht Center for Resilience		http://www.atlanticcouncil.org/programs/adrienne-arsht-center-for-resilience
The Bartlett		https://www.ucl.ac.uk/bartlett/
The Behavioural Insights Team		https://www.bi.team/
The Centre for Humanitarian Data		https://centre.humdata.org/
The Chronicle of Higher Education		https://www.chronicle.com/
The City at Eye Level		https://thecityateyelevel.com
The City Fix		http://thecityfix.com/
The Conversation		https://theconversation.com/
The Diplomat		https://www.thediplomat.com/
The Economist		https://www.economist.com/
The Elders		https://www.theelders.org/
The Engine Room		https://www.theengineroom.org/
The Gov Lab		http://thegovlab.org/?s=urban%20resilience
The Hague Centre for Strategic Studies		https://www.hcss.nl/
The Hague Institute for Global Justice		http://www.thehagueinstituteforglobaljustice.org/ ; http://www.thehagueinstituteforglobaljustice.org/latest-insights/latest-insights/news-brief/spotlight-cities-and-urban-governance/
The Hague Security Delta		https://www.thehaguesecuritydelta.com/
The Impact Initiative		http://www.theimpactinitiative.net/
The International Forum on the Human Smart City		http://www.liveinalivingcity.com/
The Market Mogul		https://themarketmogul.com/
The Nature of Cities		https://www.thenatureofcities.com/ (http://www.storiesofthenatureofcities.org/)
The Solutions Journal		https://www.thesolutionsjournal.com/
The Systems Thinker		https://thesystemsthinker.com/
Think Progress		https://thinkprogress.org/

Thinking City		https://thinkingcity.org/
Third Generation Environmentalism (E3G)		https://www.e3g.org
This Place		http://www.thisisplace.org
Thomson Reuters Foundation		http://www.trust.org/ (also see: http://poll2017.trust.org/); news.trust.org
TM Forum		https://inform.tmforum.org/
TNO		https://www.tno.nl/
Together 2030		http://www.together2030.org/
Toolbox for Localizing the Sustainable Development Goals		http://localizingthesdgs.org/
Transformation and Resilience on Urban Coasts (TRUC)		http://www.bel-truc.org/
Transformative Adaptation Research Alliance (TARA)		https://research.csiro.au/tara/
Transit Center		http://transitcenter.org/
Transitioning towards Urban Resilience and Sustainability		http://www.turas-cities.org/
Transparency International		https://www.transparency.org/
TRF Place		www.thisisplace.org/
TU Delft Institute of Urbanism		http://urbanism.nl/
UCL Institute for Disaster Risk Reduction		https://www.ucl.ac.uk/rdr
UCL Urban Laboratory		http://www.ucl.ac.uk/urbanlab
UCLG - United Cities and Local Governments		https://www.uclg.org/
UCLG Agenda 21 for culture		obs.agenda21culture.net/
UCLG Asia-Pacific		http://uclg-aspac.org
UCLG Committee on Social Inclusion, Participatory Democracy and Human Rights		https://www.uclg-cisdp.org/
UCLG Digital and Knowledge-Based Cities		http://www.uclg-digitalcities.org/en/
UK Department for International Development (and UK Aid)		https://www.gov.uk/government/organisations/department-for-international-development
Understanding Risk		https://understandrisk.org/
Unequal Scenes		https://unequalscenes.com/
UniverCity Alliance		https://university.wisc.edu/
Universidad de Deusto Instituto de Derechos Humanos Pedro Arrupe		http://socialesyhumanas.deusto.es/cs/Satellite/socialesyhumanas/es/instituto-de-derechos-humanos; http://pruv.ucd.ie/
Universitas Gadjah Mada Center for Reproductive Health		http://chnrl.org/; http://pruv.ucd.ie/
University College Dublin Centre for Humanitarian Action		http://cha.ucd.ie/; http://pruv.ucd.ie/

University College London (UCL) The Bartlett	https://www.ucl.ac.uk/bartlett/development/events/2018/may/socio-spatial-processes-mexico-city-academic-views-and-citizen-perceptions
University of Melbourne	https://search.unimelb.edu.au/?q=urban%20resilience
University of Minnesota Accessibility Observatory	http://ao.umn.edu/
University of the Philippines Resilience Institute (UPRI)	https://resilience.up.edu.ph/
UrbAct	http://www.urbact.eu/
Urban Africa Risk Knowledge	https://www.urbanark.org/
Urban Agrarianism	https://www.evanbowness.ca/urban-agrarianism
Urban Climate Change Research Network (Earth Institute, Colombia University)	http://uccrn.org/
Urban Cycling Institute	http://www.urbancyclinginstitute.com/
Urban Demographics	https://urbandemographics.blogspot.com/
Urban Demographics (PhD project)	https://urbandemographics.blogspot.nl/
Urban Design Forum	http://urbandesignforum.org/
Urban Farming Partners	https://www.urbanfarmingpartners.sg/
Urban Flood Resilience	http://www.urbanfloodresilience.ac.uk/
Urban Footprint	https://urbanfootprint.com/
Urban Gateway	http://urbangateway.org/
Urban Governance Survey	https://urbangovernance.net/en/
URBAN Green UP	http://www.urbangreenup.eu/
Urban Heat Islands	www.urbanheatislands.com
Urban Humanitarian Response Portal	http://www.urban-response.org/
Urban Impact Lab	http://www.urbanimpactlab.com/
Urban Institute	https://www.urban.org/
Urban Interactive Studio	https://www.urbaninteractivestudio.com/
Urban Land Institute	https://uli.org/
Urban Mobility Innovation Index	http://umi-index.org
Urban Next	https://urbannext.net/
Urban Pathways	https://www.urban-pathways.org/
Urban Resilience	http://urbanresilience.eu/
Urban Resilience Daily	https://paper.li/UrbanResilienc/1320078245#/
Urban Resilience Hub	http://urbanresiliencehub.org/

Urban Resilience Institute		https://urbanresilienceinstitute.wordpress.com/
Urban Resilience Research Network		http://www.urbanresilienceresearch.net/
Urban SDG Knowledge Platform		http://urbansdgplatform.org/
Urban Sustainability Research Group		http://urbansustainability.snre.umich.edu/
Urban Water Innovation Network		https://erams.com/UWIN/
Urbanet		http://www.urbanet.info/
Urbanism News		http://urbanismnews.com/
Urbanisma		http://urbanisma.se/en/
Urbanization		http://urbanization.org/
Urbanization and Global Environmental Change (UGEC)		https://uhec.org/ (https://pure.royalholloway.ac.uk/portal/en/publications/contribution-and-role-of-uhec-project(9616e765-2a87-46c4-abc4-f149b8822d08).html)
UrbanLex		http://urbanlex.unhabitat.org/
US Aid		https://www.usaid.gov/ (https://www.climatelinks.org/content/climate-smart-cities)
US Federal Emergency Management Agency		https://www.fema.gov/
Vox		https://www.vox.com/
VUB Brussels Centre for Urban Studies		http://urbanstudies.brussels/research-groups
WACIT - World Awareness for Children in Trauma		https://wacit.org/ (https://panosvostanis.wordpress.com/)
Warwick Institute for the Science of Cities		https://www.wisc.warwick.ac.uk/
Warwick Sustainable Cities Global Research Priority		https://warwick.ac.uk/research/priorities/sustainablecities
Washington Post		https://www.washingtonpost.com/
Water Alliance		https://wateralliance.nl/en/
Water as Leverage		https://waterasleverage.org/
Water.org (Matt Damon recently visited Jakarta for this)		https://water.org/
WaterAid		http://www.wateraid.org
Wayfinder (Stockholm Resilience Centre, Resilience Alliance, Australian Resilience Centre)		https://wayfinder.earth/
WCCD - World Council on City Data		http://www.dataforcities.org/
weAdapt		https://www.weadapt.org/
WFP - World Food Programme (Mobile Vulnerability Analysis and Mapping (MVAM))		http://www1.wfp.org/food-security-analysis (http://mvam.org/)

Wilson Center (Urban Sustainability Laboratory)		https://www.wilsoncenter.org/program/urban-sustainability-laboratory
WIRED		https://www.wired.com/
Women in Informal Employment: Globalizing and Organizing		http://www.wiego.org/
World Association of the Major Metropolises		https://www.metropolis.org/
World Economic Forum		https://www.weforum.org
World Health Organisation		http://who.int/
World Meteorological Organisation		https://public.wmo.int/
World of Opportunity		https://medium.com/world-of-opportunity
World Resources Institute (Climate)		http://www.wri.org/ (http://www.wrirosscities.org/our-work/topics/urban-climate-resilience; https://wri-indonesia.org/)
World Urban Campaign		http://www.worldurbancampaign.org/
World Urban Planning		http://worldurbanplanning.com/
World Vision		http://www.wvi.org/
World Water Atlas		http://www.worldwateratlas.org/
World Wildlife Fund		https://wwf.panda.org/our_work/projects/one_planet_cities/ (http://www.welovecities.org/)
WRI Ross Center for Sustainable Cities		http://www.wrirosscities.org/
WUR Metropolitan Solutions		https://www.wur.nl/nl/Onderzoek-Resultaten/Themas/Metropolitan-Solutions.htm
Yale Seto Lab		https://urban.yale.edu
Yayasan Cipta Cara Padu		https://www.yccp-indonesia.org/; http://pruv.ucd.ie/
YEU (YAKKUM)		http://yeu.or.id
Young Expert Programmes		https://www.yeprogrammes.com/
Zilient		https://www.zilient.org/
Zurich Insurance Group		https://www.zurich.com
ETTG - European Think Tanks Group		https://ettg.eu/
EuroCities		http://www.eurocities.eu/
European Humanitarian Action Partnership		http://euhap.eu/
European Interagency Security Forum		https://www.eisf.eu/
EU H2020 DARWIN - European Union Horizon 2020 research project		https://h2020darwin.eu/
EU H2020 Imrover - European Union Horizon 2020 research project		http://improverproject.eu/

EU H2020 Resolute - European Union Horizon 2020 research project	http://www.resolute-eu.org/
EU H2020 SMR - European Union Horizon 2020 research project Smart Mature Resilience for more resilient cities in Europe	http://smr-project.eu/

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