





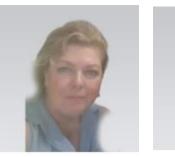
WHO Collaborating Centre for research and training on complex systems and network science for NCD prevention and control

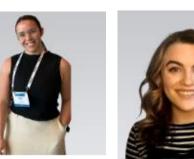
Ruth Hunter Professor of Public Health and Planetary Health Director, WHO Collaborating Centre Centre for Public Health, Queen's University Belfast E-mail: <u>ruth.hunter@qub.ac.uk</u> Website: <u>https://www.qub.ac.uk/sites/who/</u>

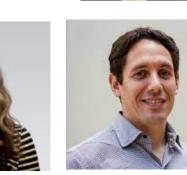


Support the WHO in:

- **building capacity** in the application of complex systems and network science by offering training
- research involving the **application** of complex systems and network science approaches in NCD prevention and control
- development and provision of an online tool for undertaking stakeholder network analyses to support implementation research







Members:

- Ruth Hunter, public/planetary health
- Neil Anderson, computer science
- Mike Clarke, evidence synthesis
- Leandro Garcia, complexity science
- Frank Kee, public health medicine
- Ciaran O'Neill, health economist
- Niamh O'Kane, complexity science
- Sophie Jones, complexity science
- Roisin Corr, administrator













Building capacity: Systems thinking 2025 Summer School: Systems Thinking for Prevention of NCDs in the WHO European Region 4th summer school:15th – 18th July 2025, Nice, France



- Introduction to systems thinking concepts and methods
- Becoming a systems thinker
- Develop Causal Loop Diagrams and Systems Maps
- Stakeholder Network Analysis
- Lectures, demonstrations, discussion panels, practicals



Building capacity: Stakeholder network analysis

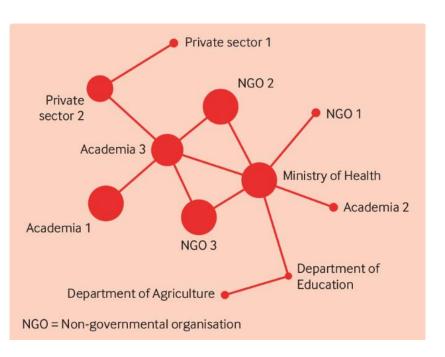
BMJ 2019; 365 doi: https://doi.org/10.1136/ bmj.l1871

National action plans to tackle NCDs: role of stakeholder network analysis

Network science approaches can enhance global and national coordinated efforts to prevent and manage non-communicable diseases, say **Ruth Hunter and colleagues**

ecent figures highlight the rising global burden of non-com-

e ris- government and whole of society is necescom- sary to support countries to reduce NCDs. Operationalising multisectoral partnerships as networks







MULTISECTORAL ACTION PLAN OF TURKEY FOR NONCOMMUNICABLE DISEASES 2017-2025





Stakeholder network analysis toolkit

http://stakeholdernet.org/

Supporting manual:

https://www.qub.ac.uk/sites/who/Filestore/ Stakeholder%20network%20analysis%20 tool%20to%20support%20collaboration% 20for%20better%20health%20Stakeholde r.Net.pdf

Training:

https://www.qub.ac.uk/sites/who/training/

- Supported stakeholder network analysis research and capacity building in range of countries such as Portugal, Krygyzstan, Azerbaijan
- Example reports such as global coordinating mechanism; climate action and NCDs; age friendly cities

Stakeholder Net

Creating a new survey

Quickly and easily get started with Stakeholder Net.

Create a new survey

1. Log in to Stakeholder Net and click on SURVEYS from the left-hand side menu.

- 2. Click on the + symbol on the top right-hand side of the SURVEYS page.
- 3. Give the survey a name and set the STATUS to Draft.

4. Click the CREATE SURVEY button.

CREATE NEW SURVEY		
÷	NEW SURVEY	
NAME *		
University Collaboration Survey		
CATEGORY		
None		

Stakeholder network analysis tool to support collaboration for better health

Stakeholder.Net



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COMPLEX SYSTEMS AND NETWORK SCIENCE FOR PREVENTION AND CONTROL **OF NONCOMMUNICABLE DISEASES**

> A WHO COLLABORATING CENTRE FOR RESEARCH AND TRAINING



Research and Training on Complex Systems and Network Science for NCD Prevention and Control

A WHO Collaborating Centre



UNIVERSITY SITES / WHO COLLABORATING CENTRE / CAPACITY BUILDING AND TRAINING

Capacity Building And Training



Training: https://www.qub.ac.uk/ sites/who/training/

To date, over 1000 people have taken part in our training

SNA Workshop 1 - 21 May 2024 Introduction to Stakeholder Network Analysis

SNA Workshop 2 - 29 May 2024 Introduction to Stakeholder Network Analysis (advanced)

SNA Workshop 1 - 22 Oct 2024 Introduction to Stakeholder Network Mapping and Analysis

SNA Workshop 2 - 29 Oct 2024

Introduction to Stakeholder Network Mapping and Analysis (advanced)



Summer School: 16-19 July 2024

Systems Thinking And Innovation For The Prevention Of Noncommunicable Diseases



Workshop 1 - 24 January 2024 Online Training: Introduction to Systems Thinking and Causal Loop Diagrams



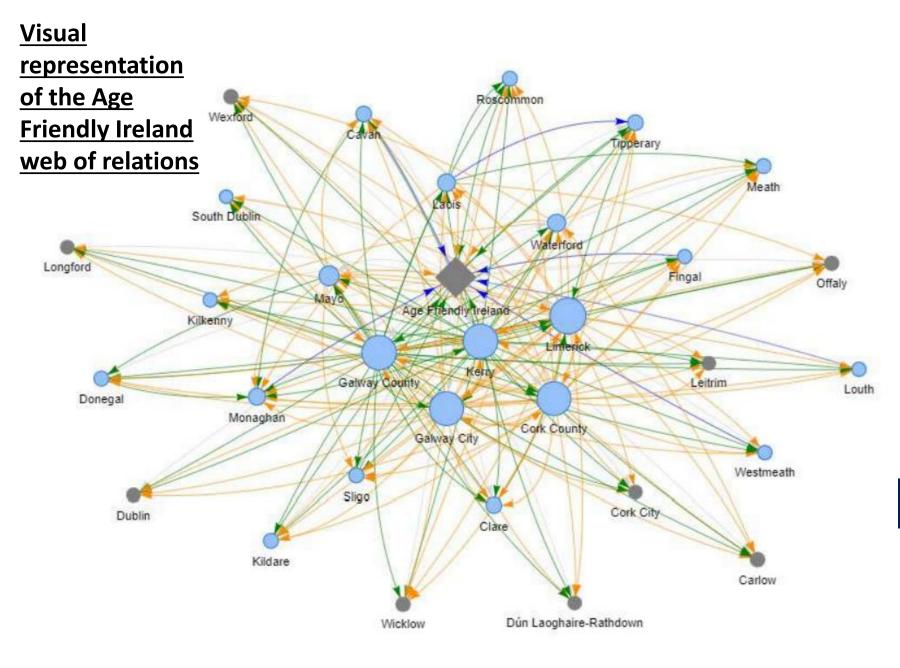
Workshop 2 - 26 January (Group 1) and 2 February 2024 (Group 2)

Online Training: Introduction to Systems Thinking and Causal Loop Diagrams



Summer School: 18 - 20 July 2023

A Systems Approach To The Promotion Of Healthy Lifestyles



National programmes for age-friendly cities and communities A guide

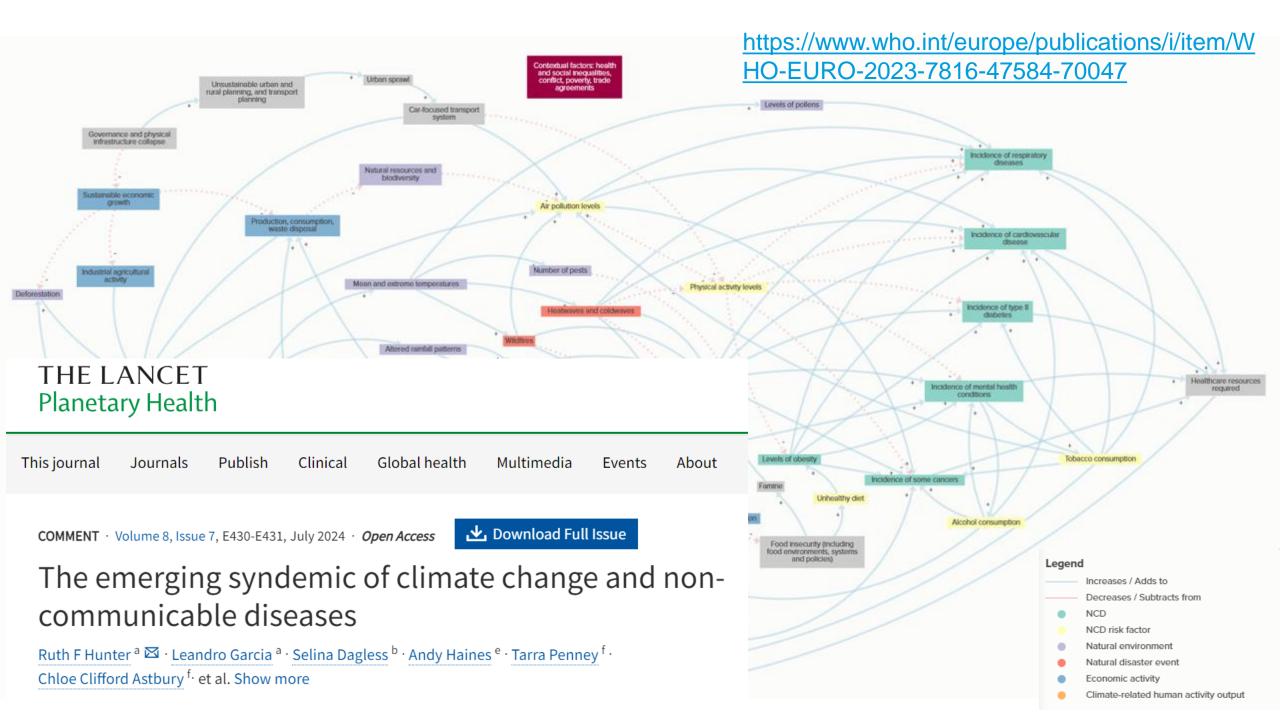
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World Health Organization



WHO Global Network for Age-friendly Cities and Communities

Decade "healthy ageing





Emergencies ~

Data ~

Noncommunicable diseases and climate change: report of an expert meeting, Bonn, Germany, 1–2 December 2022

Our work ~

8 December 2023 | Meeting report

Health topics ~

World Health Organization

NCD and climate change work presented at COP 28



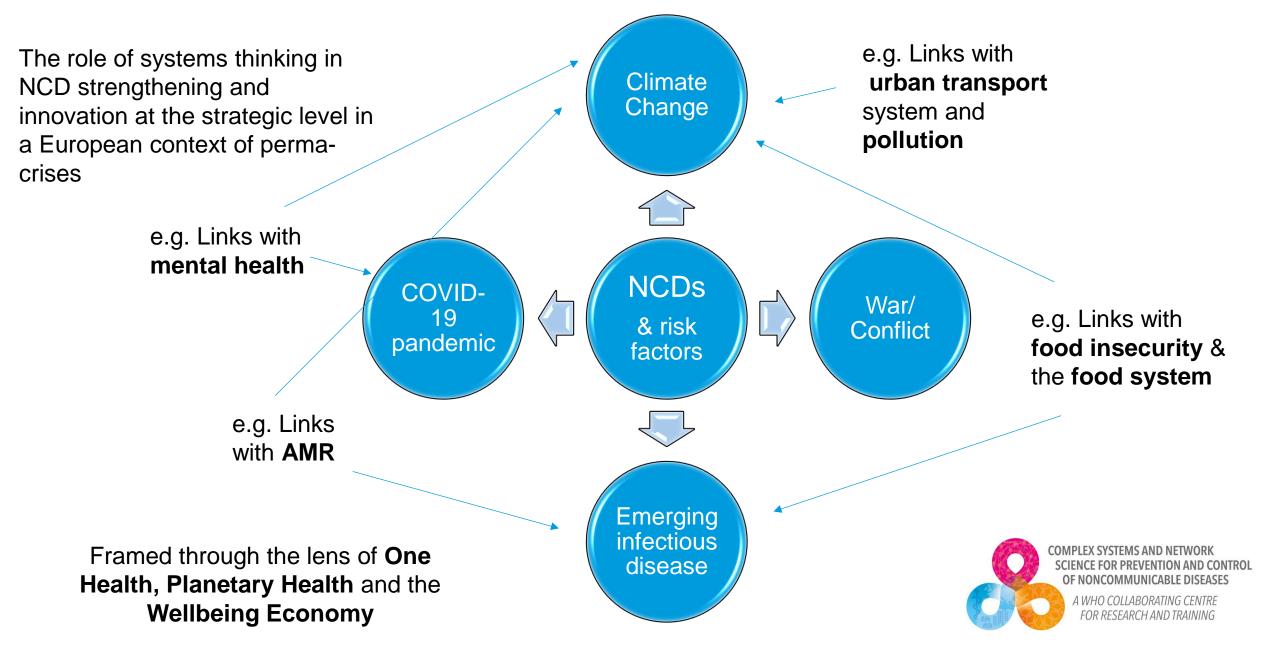
Overview

The WHO European Office for the Prevention and Control of NCDs and the Centre for Environment and Health held an expert meeting to map the co-benefits of linking NCD prevention and climate change, guided by experts from across the Region. The meeting was an opportunity to explore wider areas of work for this emerging programme. This report summarizes the presentations and discussions.

Newsroom ~

Noncommunicable diseases and climate change"; <u>Noncommunicable diseases and climate change: report of an expert meeting, Bonn, Germany,</u> <u>1–2 December 2022 (who.int)</u>.

Systems thinking, NCDs and the perma-crises





Implementation Research Kyrgyzstan and Uzbekistan



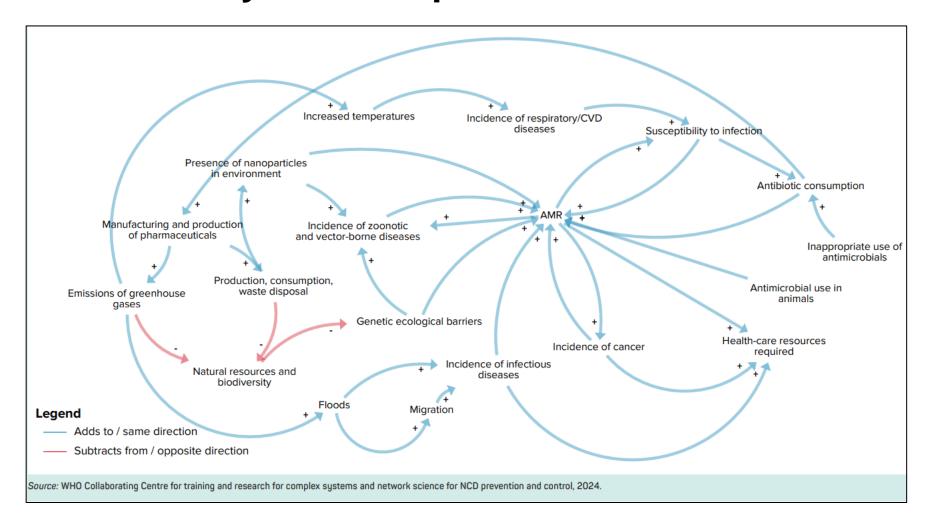


Online launch of WHO/Europe report on implementation research for the prevention of NCDs

9 October 2024	Related
9 October 2024, online, 01:00 PM Central European Summer Time (CEST) (GMT+2:00)	Registration for the launch event WHO/Europe Special Initiative on NCDs and
At the online event, WHO/Europe will present a new report "Implementation research for the prevention of noncommunicable disease risk factors in the WHO European Region". The report aims to bridge the gap between research and action, identifying effective strategies to transform health research into practical	(SNI)
policies that protect people from noncommunicable diseases (NCDs), including cardiovascular diseases.	Nous



Advocacy Briefs Systems Map: AMR and NCDs



Further information



https://www.qub.ac.uk/sites/who/

Keep in touch





WHO Collaborating Centre for Research and Training on Complex Systems and Network Science for NCDs

A WHO Collaborating Centre to build capacity in systems science skills, and to formulate innovate ways to address NCDs.

https://www.linkedin.com/company/whocollaborating-centre-for-research-and-training-oncomplex-systems-and-network-science-for-ncds/



Member group: WHOCC for Research and Training on Complex Systems and Network Science for NCDs

iii Private Listed

https://www.linkedin.com/groups/13214019/





REGIONAL OFFICE FOR EUrope

Thank you

WHO Collaborating Centre for research and training on complex systems and network science for NCD prevention and control

Website: https://www.qub.ac.uk/sites/who/