



SCOPING REVIEW PROJECTS

Marisa Wong and Chandler Whitenton
Summer 2022

Agenda

Introductions

Project Backgrounds

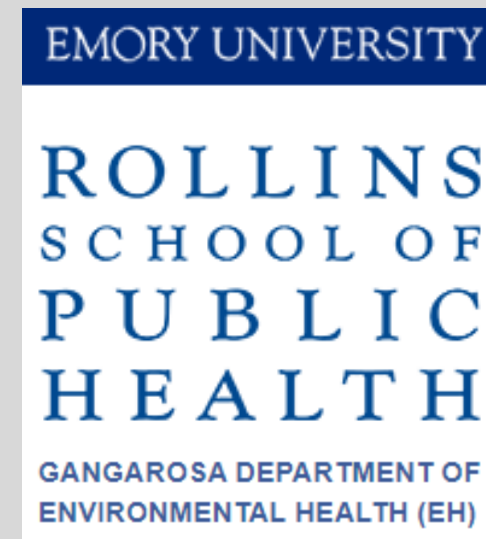
Project Accomplishments

Project Recommendations and Takeaways

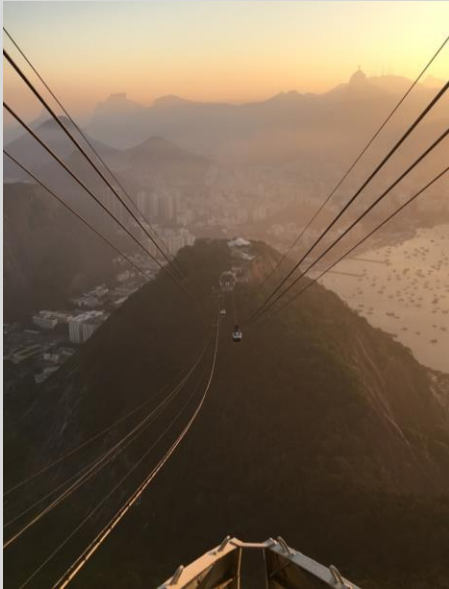
What We've Learned

Future Plans and Goals

Marisa Wong, MPH candidate



Chandler Whitenton, MPH Candidate



ROLLINS
SCHOOL OF
PUBLIC
HEALTH

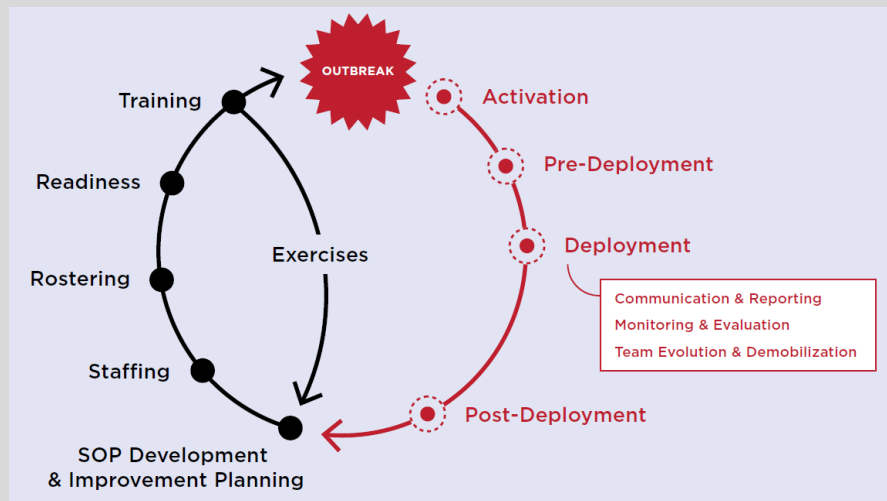
HUBERT DEPARTMENT OF
GLOBAL HEALTH (GH)



Project Backgrounds

One Health-Rapid Response Teams (OH-RRT)

- Collaborative scoping review between CDC's One Health Office and CDC's Emergency Response and Capacity Team (ERCT)
- Objective: To gain further understanding on best practices for how to incorporate One Health into RRT, emergency response infrastructure, and RRT programs for public health emergency response



One Health-Natural Disasters (OH-ND)

- Conducting a scoping review to provide further insight and understanding on the best practices for how to incorporate One Health into emergency environmental and natural response infrastructure.
- Objective: Review interest or mention of existing emergency and natural disaster One Health responses in available literature.



Scoping Project Criteria – Screening

Inclusion

Exclusion

OH-RRT

- Published within the last 10 years
- Key Words:
 - One Health
 - Emergency
 - Response
 - Zoonotic
 - Preparedness
 - Epidemic
 - Outbreak
 - Disaster
 - Multisectoral
 - Vector

- Not in English
- Key Words:
 - Health system
 - Health care
 - Hospital
 - Cardiac arrest
 - stroke
 - ICU
 - One health system
 - Nurse
 - Shock

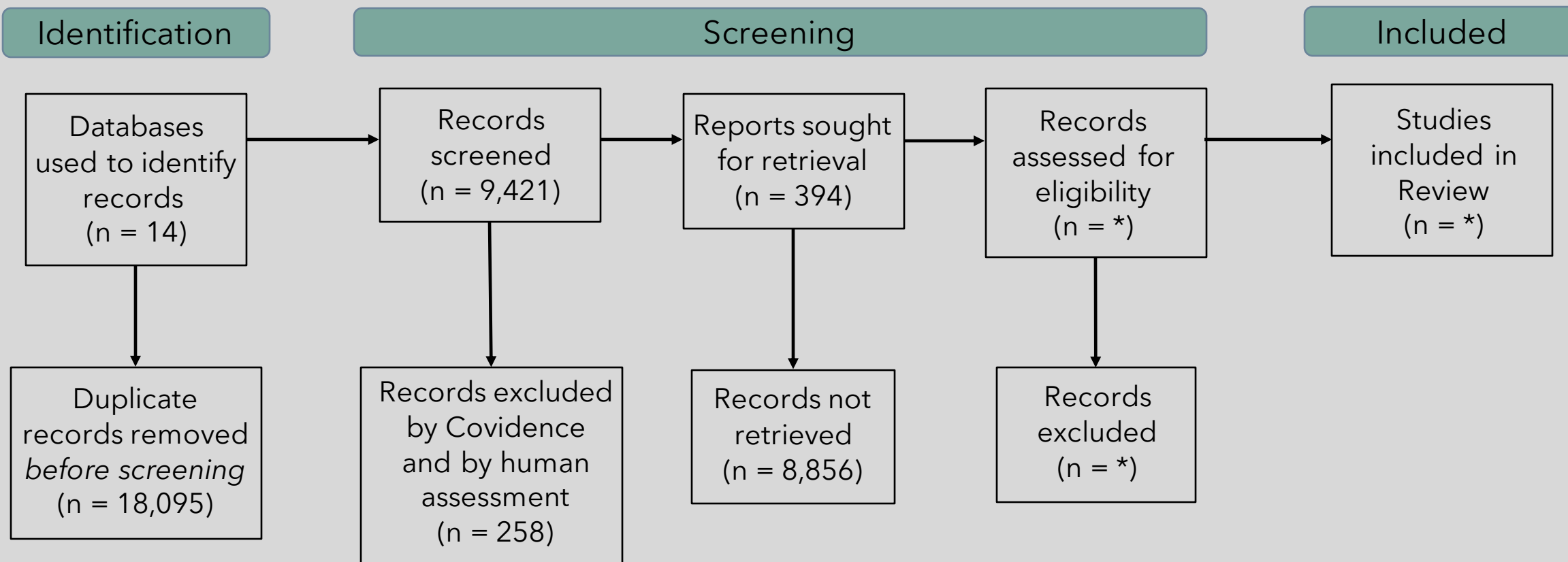
OH-ND

- Published since 2000
- Key Words:
 - Climate
 - One Health
 - Disaster
 - Emergency
 - Natural Disaster
 - Preparedness
 - Response
 - Flood
 - Multisectoral
 - Landslide

- Not in English
- Key Words:
 - Man-Made
 - Climate Change
 - Hospital
 - Terrorism
 - Health System
 - Emissions

OH-RRT Project Accomplishments

Identification of Studies via Databases



*Next steps to be completed

Yes relevant! 

Maybe relevant...? 

Not relevant 

Subnational operationalization of One Health: lessons from the establishment of One Health rapid response teams in Tanzania

Mtui-Malamsha, N.; et al. (2020). *Transactions of the Royal Society of Tropical Medicine & Hygiene*, 114(7), 538-540

#One Health

#RRT

Comments: Moved to full-text review

Responsibility-sharing for pets in disasters: lessons for One Health promotion arising from disaster management challenges

Travers, C.; et al. (2022). *Health Promotion International*, 37(1), 17

#One Health

#natural disaster

Comments: Full-text to clarify role of RRTs and emergency response

Epidemiology of Leptospirosis in Mesoamerica: Historical Perspectives on One Health Transmission

Erickson, T. (2017). *Current Tropical Medicine Reports*, 4, 62-69

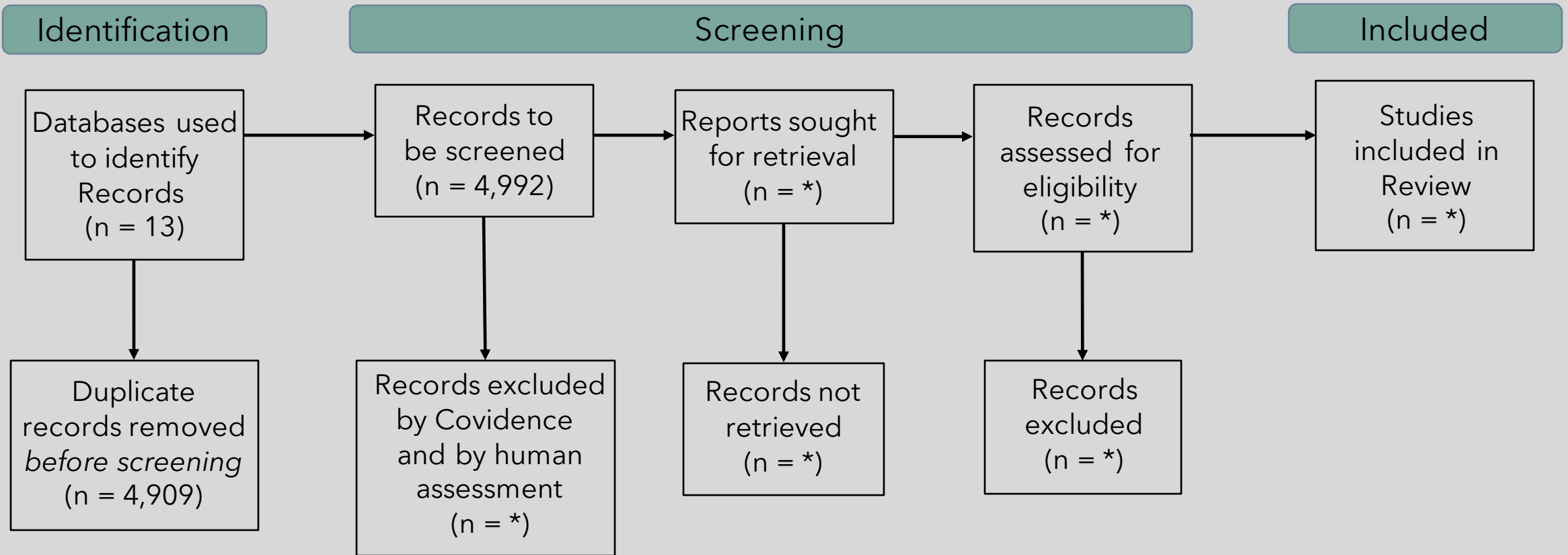
#One Health

#zoonotic disease

Comments: One Health elements present, but no mention of RRTs

OH-ND Project Accomplishments

Identification of Studies via Databases



*Next steps to be completed

Project Recommendations and Takeaways

Recommendations

Stephen B. Thacker CDC Library

CDC's hub for information, education, innovation and collaboration.



Takeaways

- Scoping literature reviews can take time
- Beneficial to have at least two reviewers checking for relevancy to area of interest
- Many other potential scoping review topics may come from any project
 - i.e. climate change and One Health, man-made disasters and One Health

What We've Learned from **ONE HEALTH** & APE

- CDC One Health Office has a lot going on!
 - Many different projects and teams working on different things at the same time
- One Health works between many sectors and collaborators
 - One Health is a growing field, with more agencies interested in developing One Health responses and teams
- Global Capacity Building Unit projects and OHZDP trainings from Amihan
- Many opportunities within One Health for public health professionals
- Plenty of One Health Literature, but the broad area of study means that it can be difficult to narrow down to look at one specific issue
 - Use of One Health as a descriptor is also not consistent across literature

Future Plans and Goals



- Complete all courses, capstone, and graduation requirements before May 2023
- Travel to Southeast Asia and Australia
- Obtain professional opportunities in environmental health, One Health, zoonotic diseases, and/or vector-borne diseases



- Complete additional courses, thesis, and build more skills before graduation in May 2023
- Gain international Global Health experience, concentrating on infectious diseases, immunizations, and One Health



THANK YOU!