

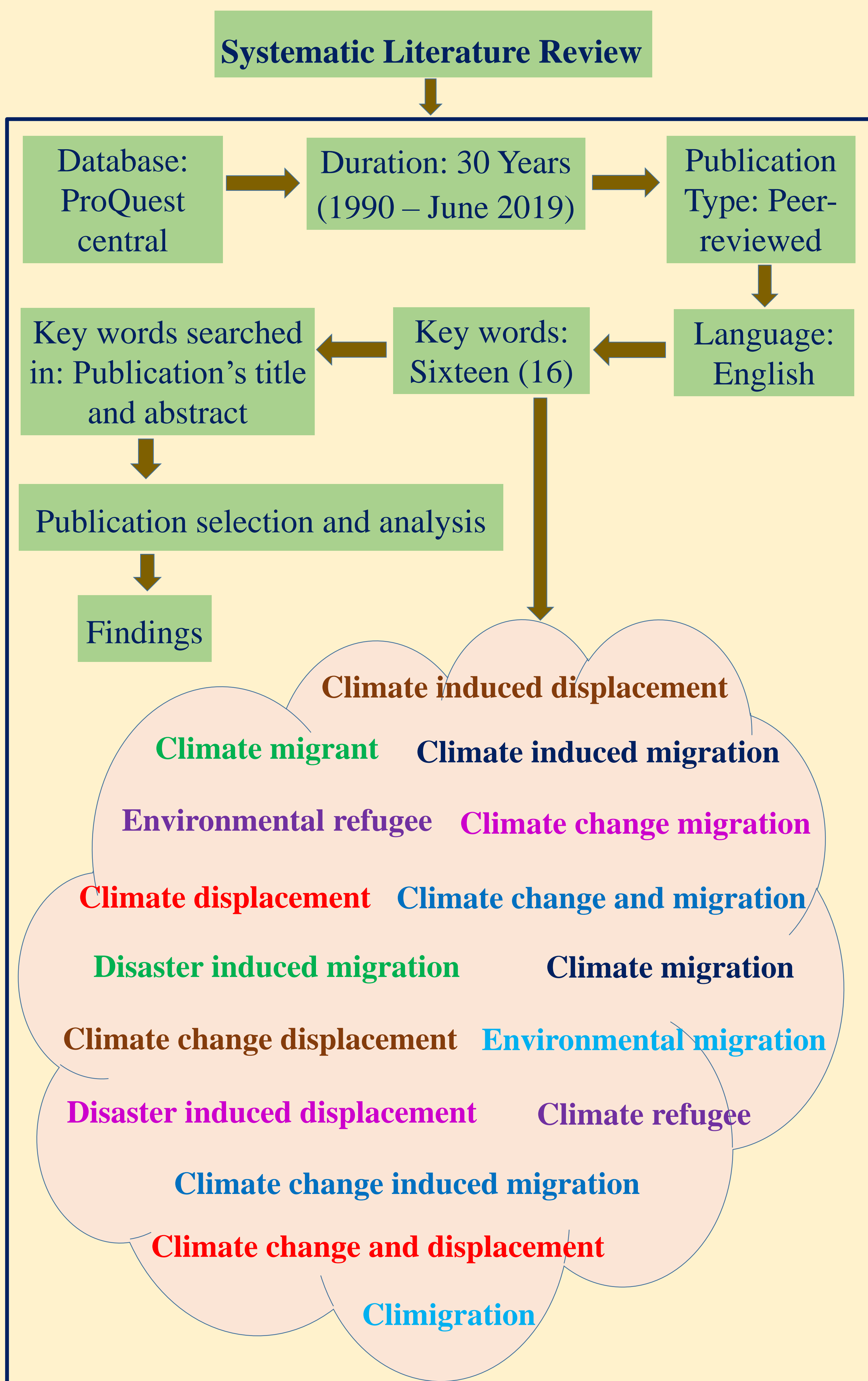
Introduction

The adverse impacts of climate change and its associated disasters such as sea level rise, floods, drought, storms etc. are displacing millions of people every year across the globe. These displacements invoke multifaceted impacts on people and their livelihoods. This study is investigating the impacts of climate-induced migration on host communities, and livelihoods of the climate migrants as well. Specifically, this review demonstrates that very little is known about the livelihood outcomes of climate migrants in their new location, their impacts on host communities, and management of climate-induced migration. The study suggests that better understanding of climate change induced migration will help policymakers to formulate appropriate policies and deal more effectively with the management of this global challenge.

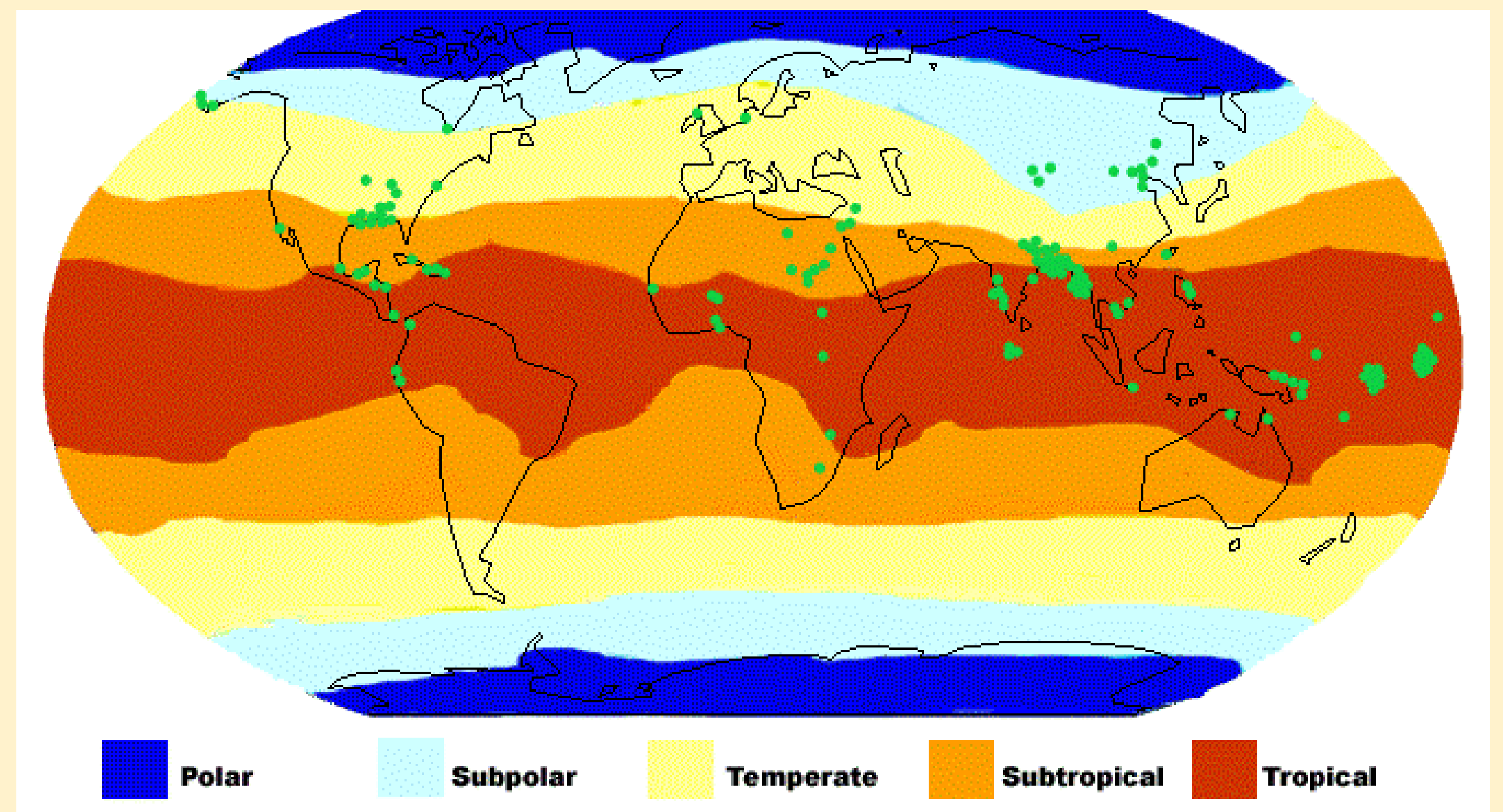
Research Questions

- How climate-induced migration studies are framed in the literature?
- What are the key gaps in published literature?

Methods



Climatic zones of the reviewed study areas



Green dot (•) represent reviewed study area
Map Link: https://www.google.com/search?rlz=1C1GCEB_enNZ817NZ817&q=tropical-sub-tropical-and-polar-zones

Results

- 161 publications mentioned about climate-migration
- Impacts of climate-migration were discussed in 48 publications
- scant empirical studies on impacts of climate-induced migration, and nothing based on GIS and spatial analysis
- impacts on host communities were less emphasized
- socio-economic and environmental impacts of climate-migration in place of destination are less focused
- livelihoods of climate migrants are less focused in their international destination
- lack of community discussion regarding climate-migration
- no country specific policies on climate-migration's impacts addressing both origin and host communities

Table-1: Impacts of climate-migration on different places

Impact type	Impact on origin	Impact on destination	Impact on both places	Total	Percentage (%)
Social	5	2	1	8	12
Economic	9	1	1	11	17
Cultural	5	6	3	14	21
Political	2	2	1	5	8
Environmental	4	0	1	5	8
Health	4	2	2	8	12
Security	3	8	4	15	23
Total	32	21	13	66	100

Note: Impacts of climate-migration has been discussed in 48 publications, and multiple counting has been considered here. (Numbers represent the publication numbers)

Next steps

- identify and visualize the social impacts of climate-induced migration in host communities
- analyse the livelihood outcomes of climate-induced migrants in their new destination
- long-term migration policy development considering both climate migrants and host communities
- develop sustainable livelihood framework for climate migrants