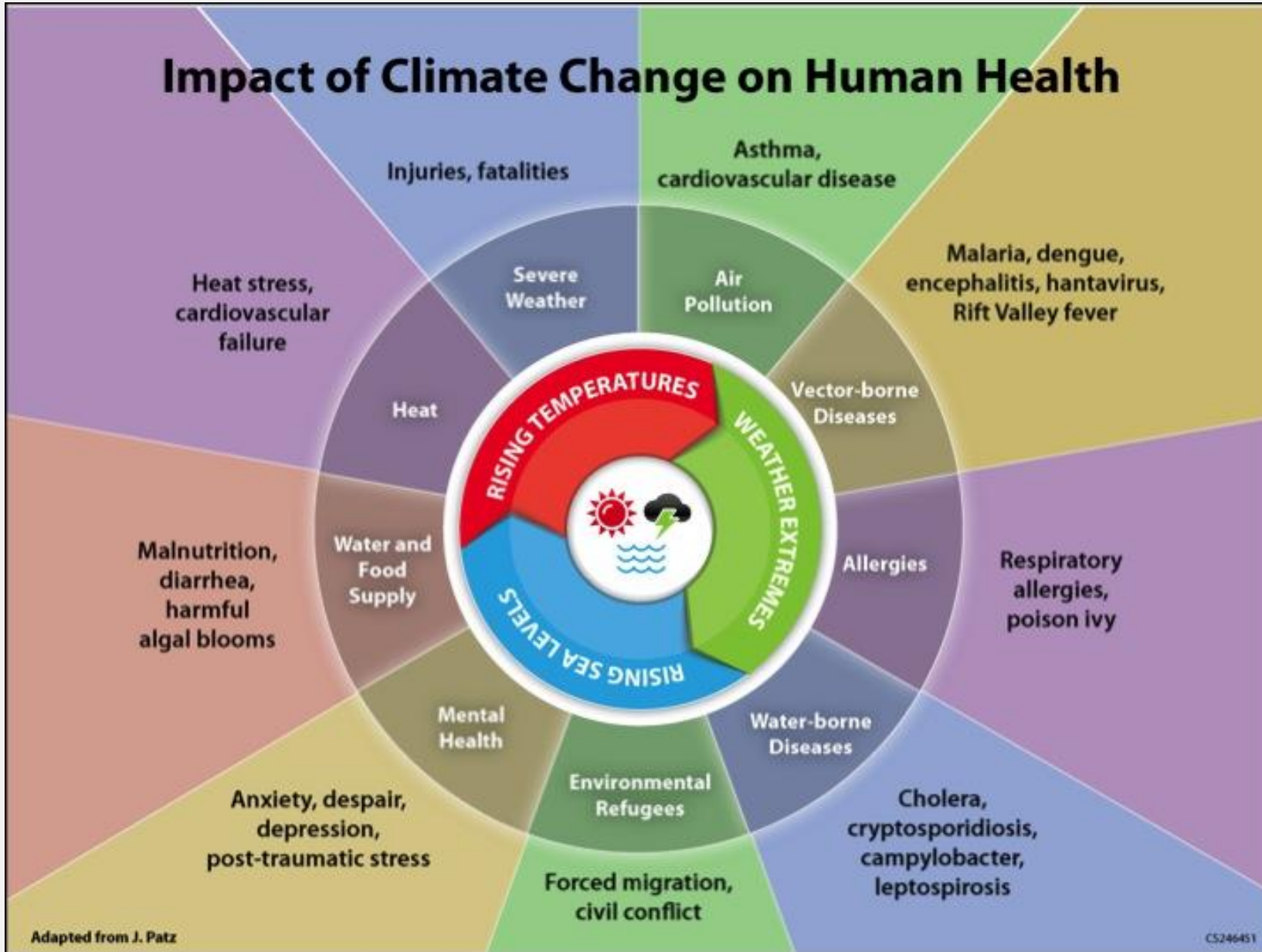


**CLIMATE CHANGE & INFECTIOUS  
DISEASES**

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DISTINGUISHED GLOBAL PROFESSOR  
UNIVERSITY OF MINNESOTA**

# Impact of Climate Change on Human Health

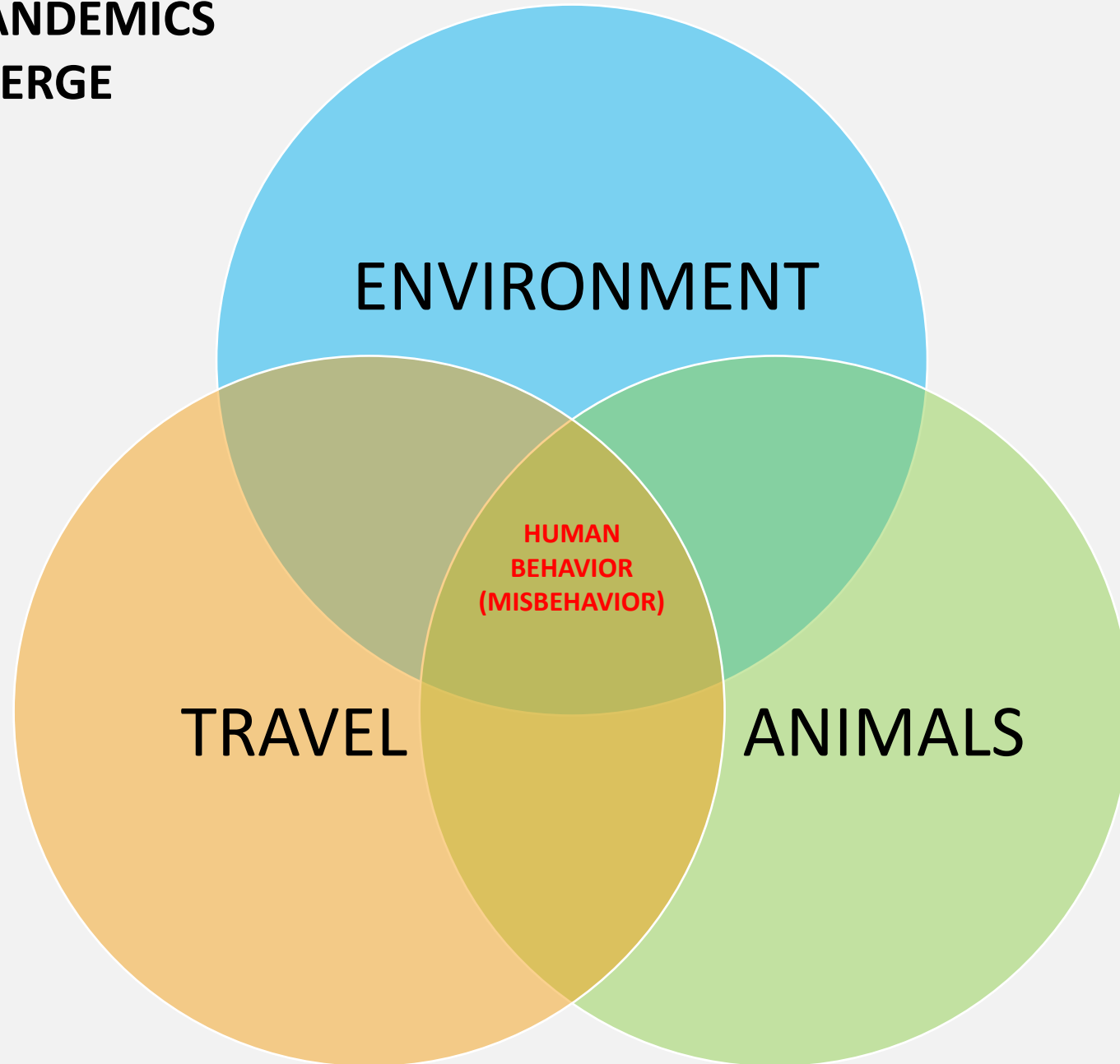


## INCREASED WARMTH AND MOISTURE



**A FIELD DAY FOR TICKS AND MOSQUITOES!**

# HOW PANDEMICS EMERGE



# **COVID-19**

**Cause: novel coronavirus SARS-CoV-2**

**First cases: December, 2019**

**Wuhan, China (wet market)**

**Mortality 12/2019-12/2020**

**Global 1.8 million**

**(87.6 million cases)**

**USA 361,000**

**(21.4 million cases)**



# SARS-COV-2 & ANIMALS



**Chinese horseshoe bats**



**Pangolins**

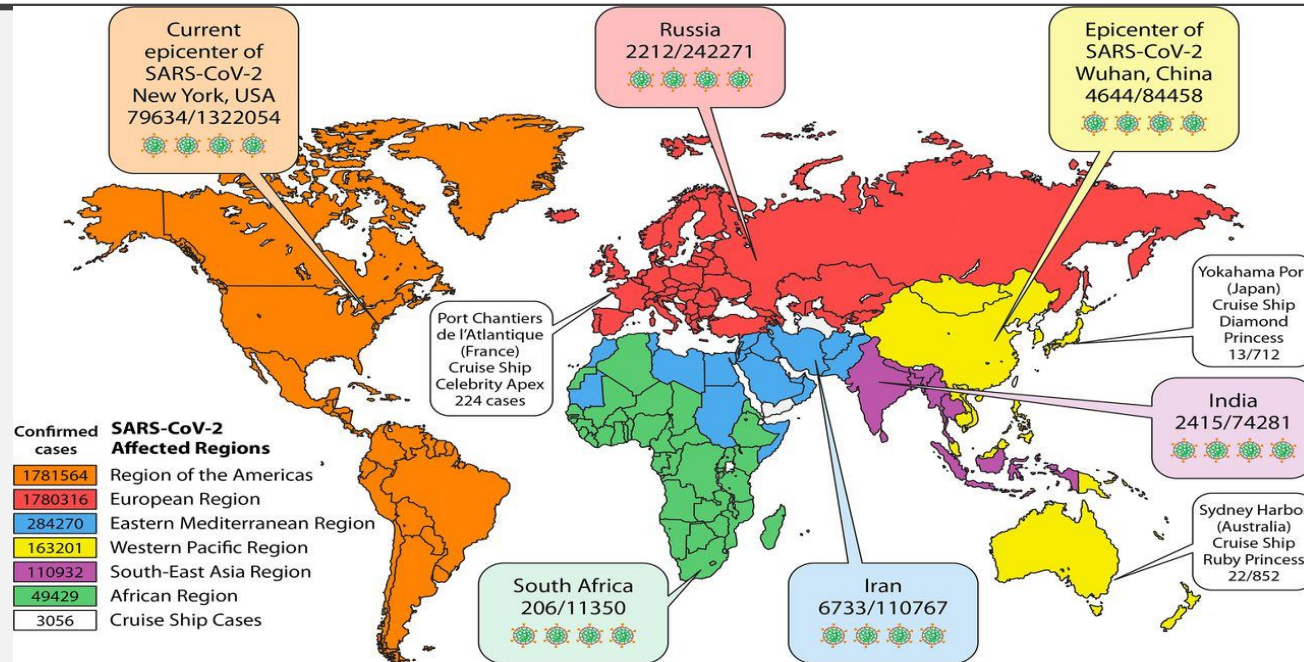


**Mink**



**Wet market Wuhan**

# COVID-19 GLOBAL SPREAD 218 COUNTRIES



## ROLE OF ASYMPTOMATIC TRANSMISSION

# CLIMATE CHANGE: A PIVOTAL ROLE IN FUTURE PANDEMICS





**THE GLOBAL IS LOCAL**

*The* Political  
Determinants  
*of* Health



Daniel E. Dawes

*Foreword by*

DAVID R. WILLIAMS