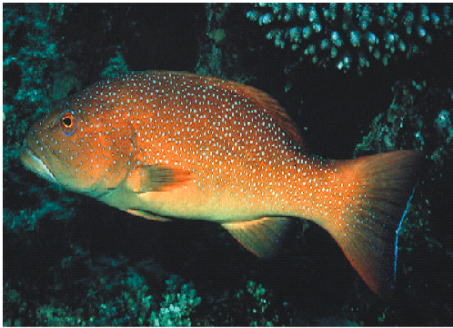


**Protect your health**

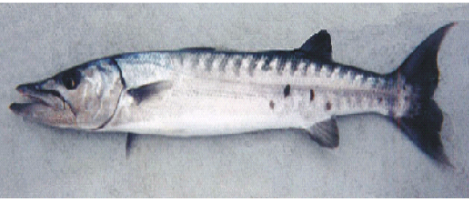
**Respect your mind**

**Care for each other**

# Environmental Health → Your Health



Demersal  
*Plectropomus leopardus*  
("Lapu-lapu")  
Inhabit coral-rich areas of lagoon reefs and mid-shelf reefs



Pelagic  
*Sphyrna barracuda*  
("Lingko", "Lusod", "Bikuda")  
Juveniles occur among shallow inner reef areas, mangroves and estuaries



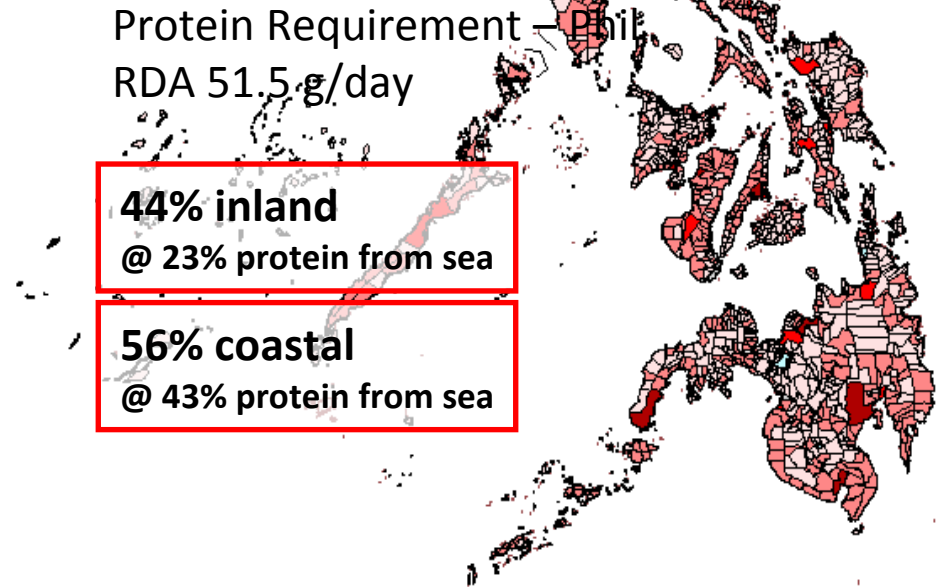
Demersal  
*Scatophagus argus* ("Kitang")  
Very sedentary, frequently occurring in mangroves



Pelagic  
*Carangoides bajad*  
("Pampano", "Lambiyon")  
Juveniles occur among mangroves, estuaries and shallow inner reef areas

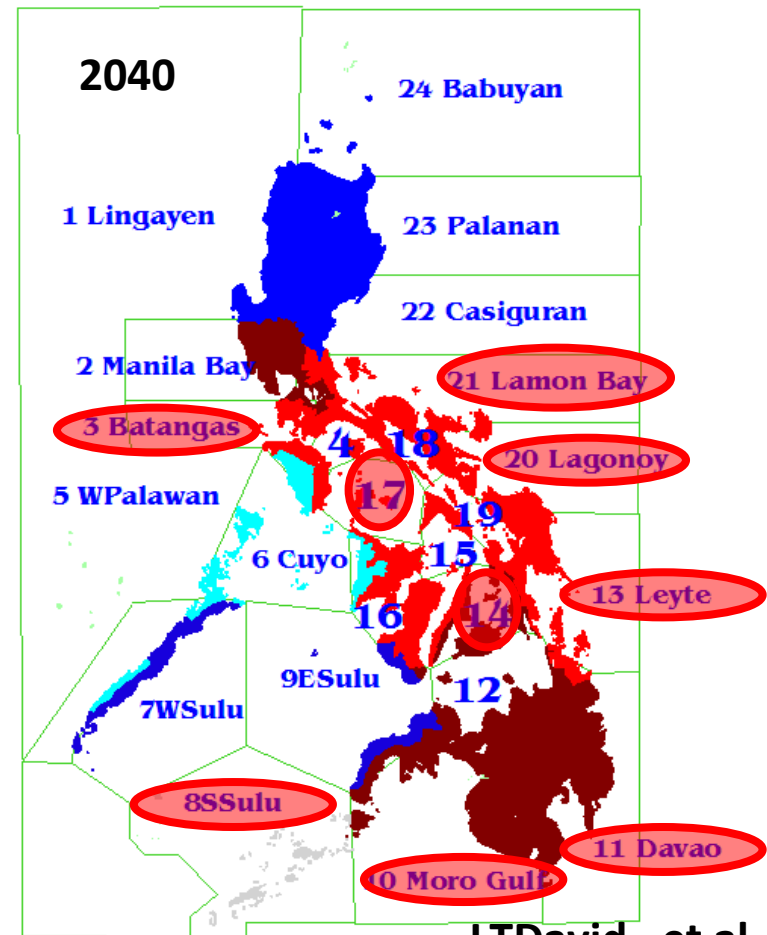
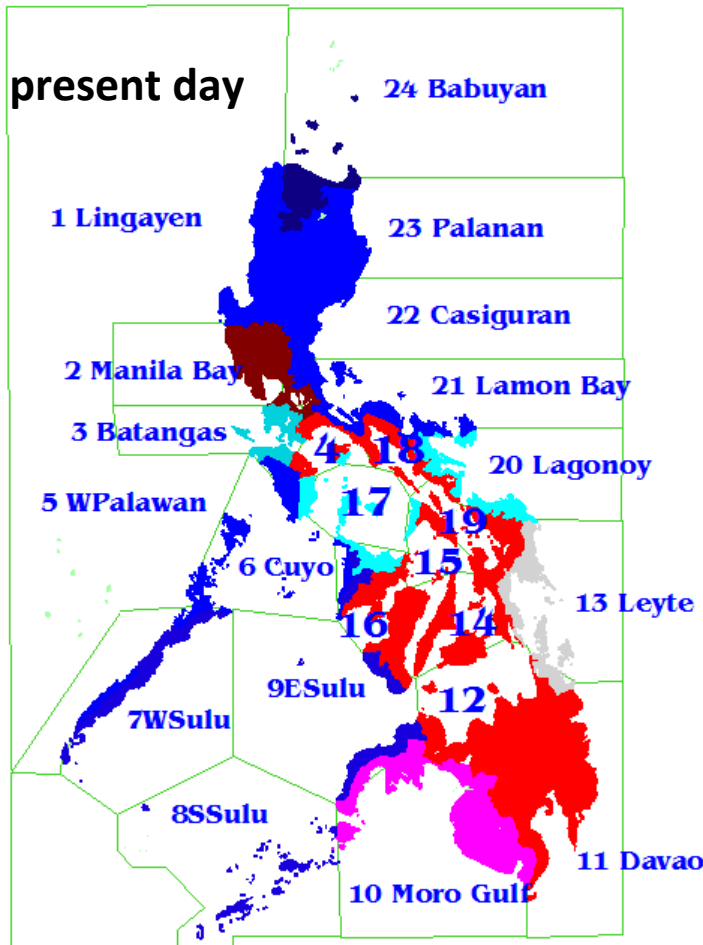
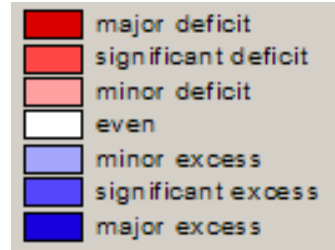


Demersal  
*Siganus fuscescens* ("Danggit")  
Frequently seen in seagrass areas



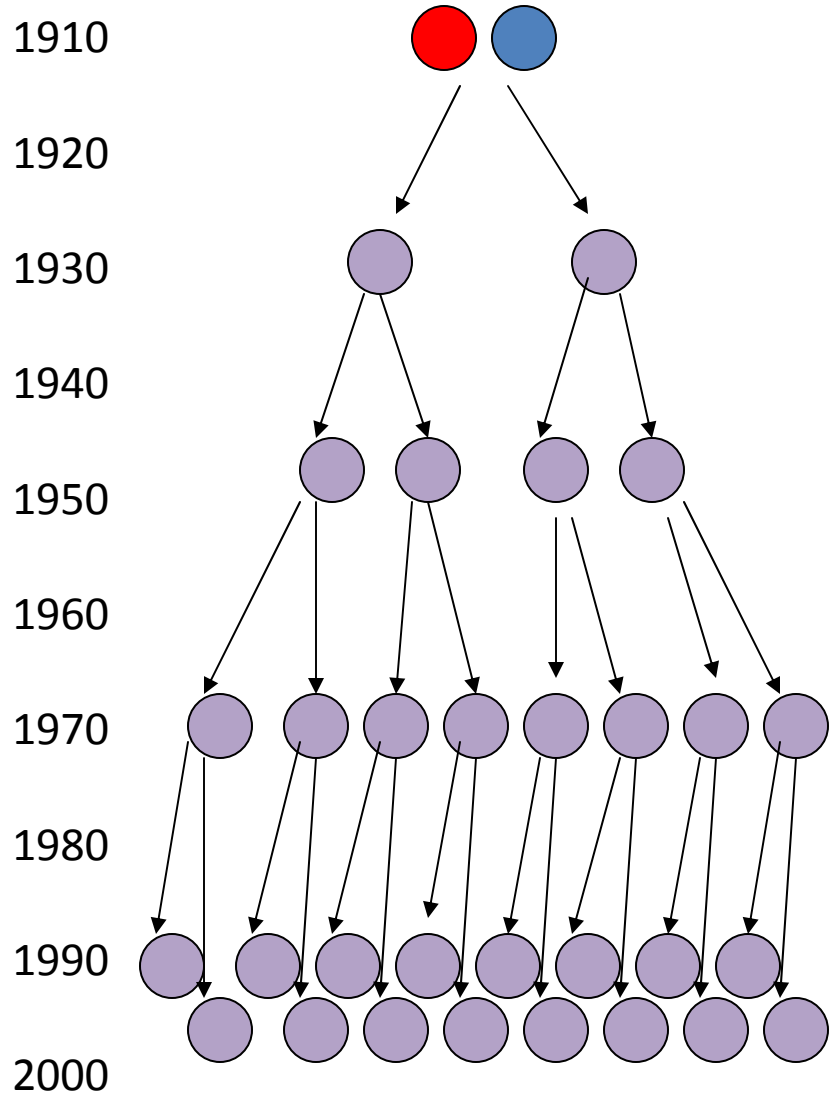
# Environmental Health = Your Health

pelagic + benthic supply – population demand

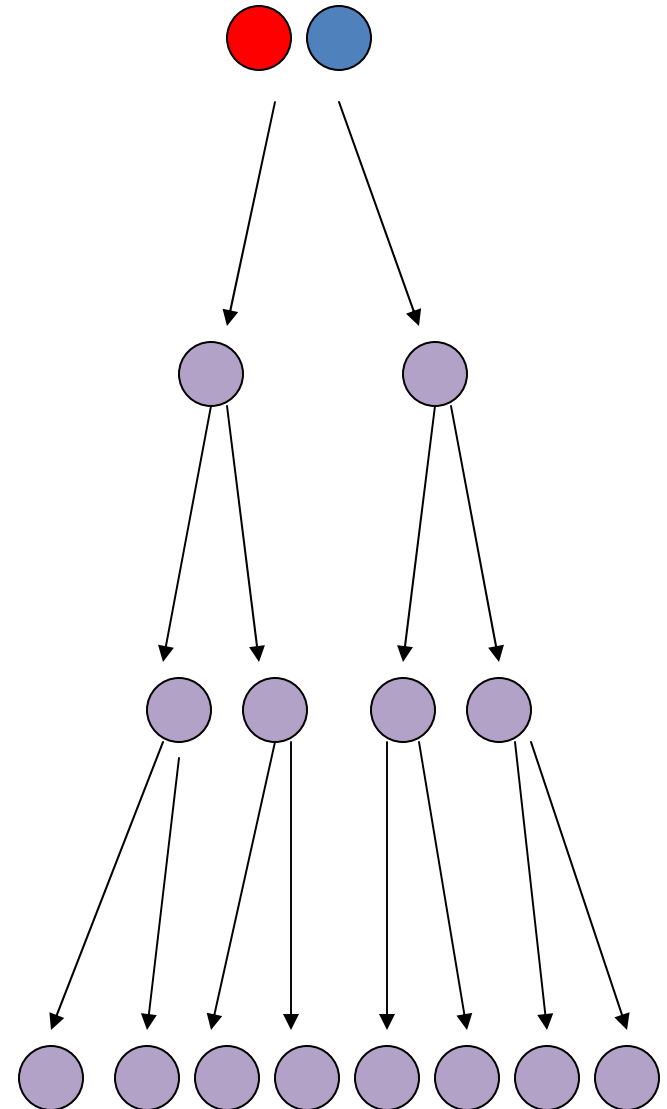


LTDavid, et al.

# YOUR Health → Environmental Health

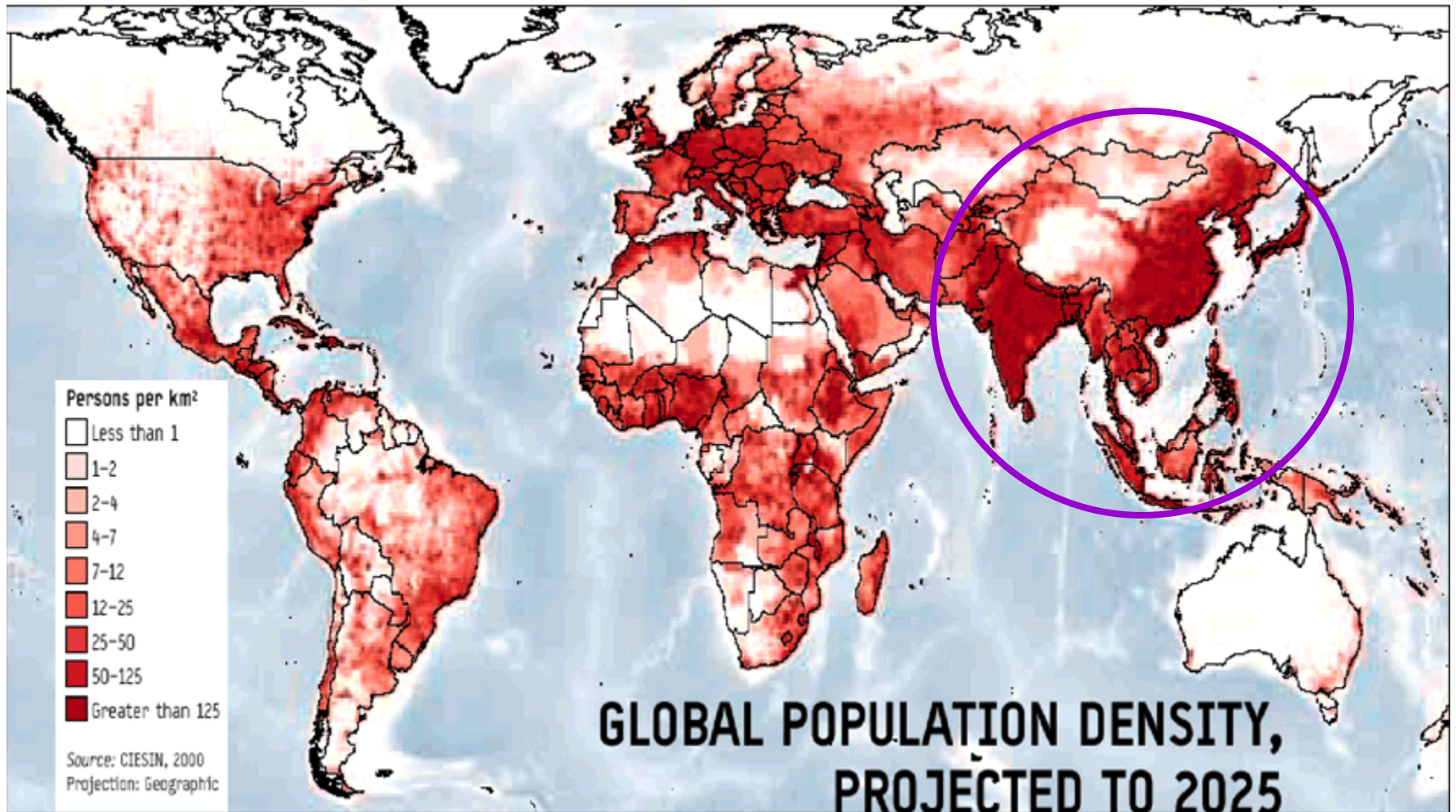


32 mouths to feed

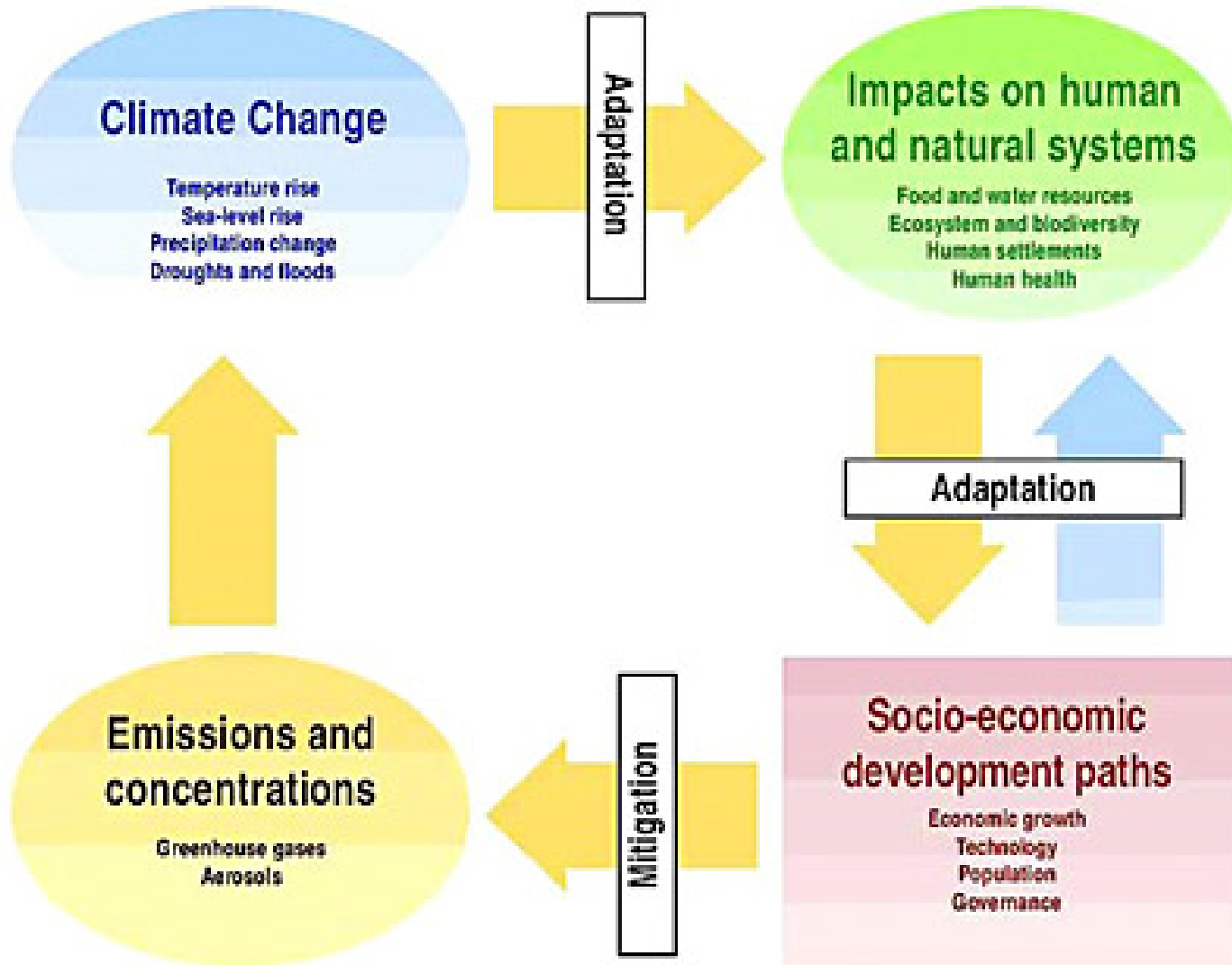


16 mouths to feed

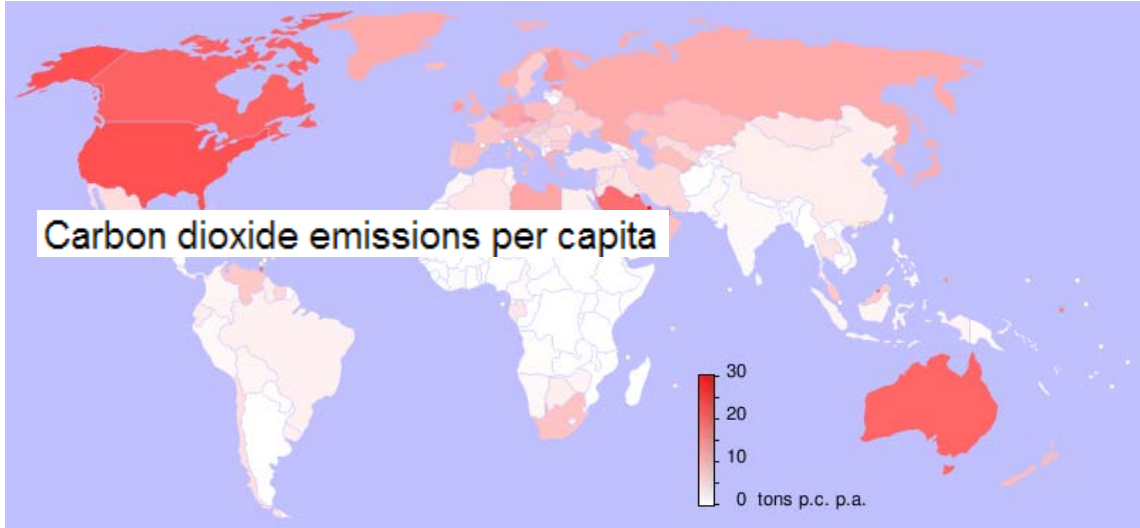
If we do not do anything to stop this increase in population, we will soon have more people than we can healthily protect.



# Critical Thinking - mitigation vs. adaptation

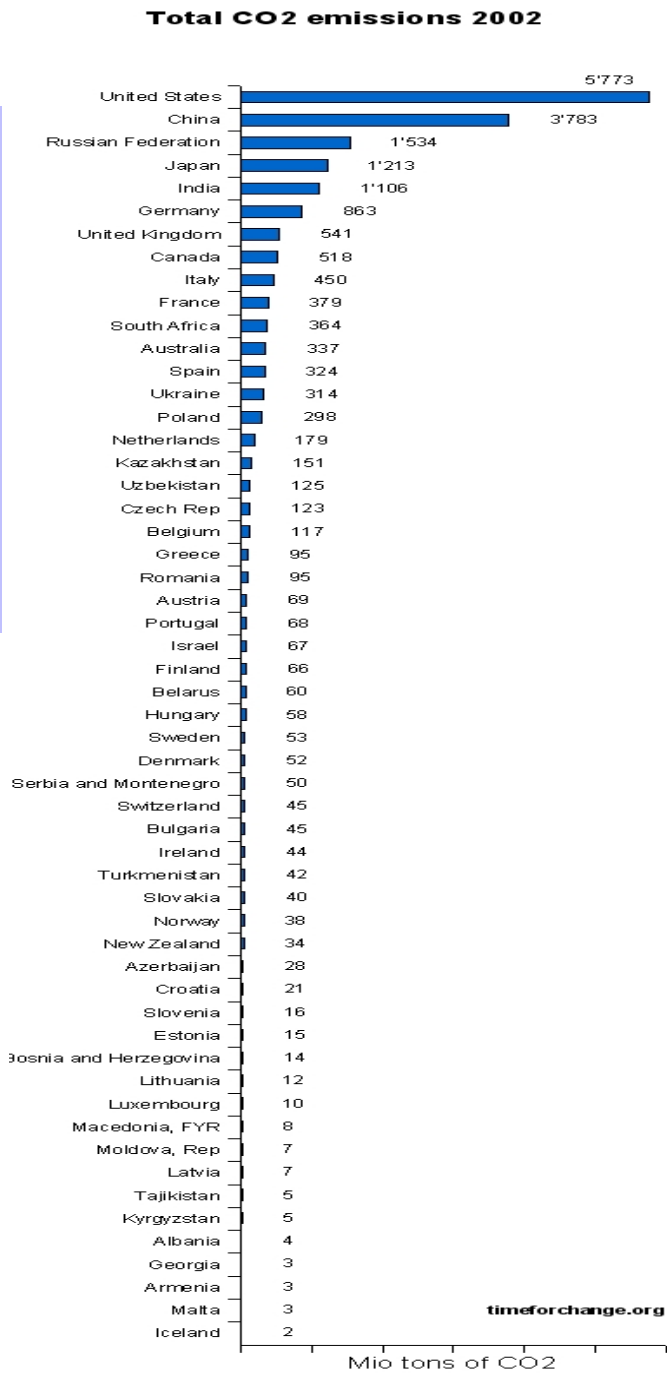


# Critical Thinking - national response



[http://en.wikipedia.org/wiki/List\\_of\\_countries\\_by\\_carbon\\_dioxide\\_emissions\\_per\\_capita](http://en.wikipedia.org/wiki/List_of_countries_by_carbon_dioxide_emissions_per_capita)

Rank	Country	2002	2003	2004
1	Qatar	67.4	63.1	69.2
2	Kuwait	27.1	31.1	38.0
3	United Arab Emirates	33.7	33.6	37.8
4	Luxembourg	21.1	22.0	24.9
5	Trinidad and Tobago	21.5	22.1	24.7
6	Brunei	15.1	12.7	24.1
7	Bahrain	30.6	31.0	23.9
8	Netherlands Antilles	19.2	22.7	22.2
9	Aruba	22.5	22.3	21.3
10	United States <sup>[1]</sup>	20.0	19.8	20.4
144	Philippines	1.0	0.96	0.97



<http://timeforchange.org/CO2-emissions-by-country>

# Critical Thinking - personal response

- “the last straw that broke the camel’s back”
- “a drop of poison can spoil a bucket of milk”
- 



**YOUR ACTIONS  
may be the  
tipping point**

**Connector – social networking**  
**Maven – information specialist**  
**Salesman – negotiator/convincer**

M. Gladwell, The Tipping Point

# Caring for each other



<http://lornali.com/green/10-best-green-social-networks>

**Before it's too late!**



! Climate is CONSTANTLY changing!

! Do not be complacent!

HadISST1 - interpolated SST global product of the UK Met Office Hadley Centre  
([www.metoffice.gov.uk/hadobs](http://www.metoffice.gov.uk/hadobs))

***In this analysis:***

- Grid covers 120-121N, 13-14E (center at 120.5N, 13.5E)
- Years: 1900-2008

