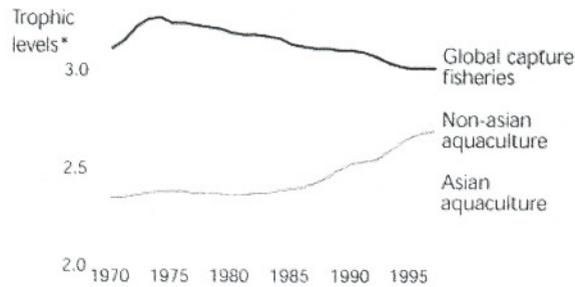


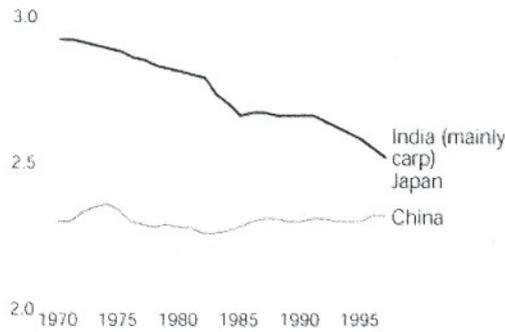
### ▼ Fishing down and farming up the food web

by Daniel Pauly<sup>1</sup>, Peter Tyedmers<sup>1</sup>, Rainer Froese<sup>1,2</sup>, & Lucy Yajie Liu<sup>1</sup> (3)

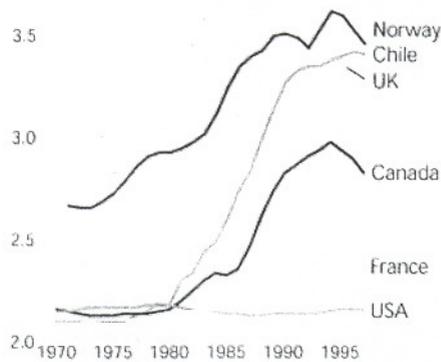
**The Asian aquaculture industry is a net producer of fish, whereas the non-Asian industry is a net fish consumer.**



**The increased farming of low trophic level fish in India is reducing the overall trophic level of Asian aquaculture.**



**The U.S. is the only non-Asian country that is not farming up the food web, mainly due to the dominance of channel catfish (71% of total U.S. aquaculture, yet require only low levels of fishmeal)**



\*Trophic level is the relative position in the foodweb, e.g., 2 is herbivorous fish and 4-5 are carnivorous fish and marine mammals.