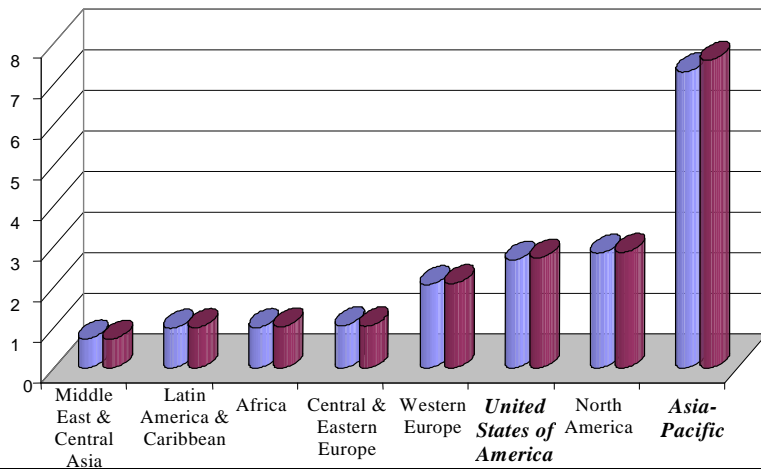


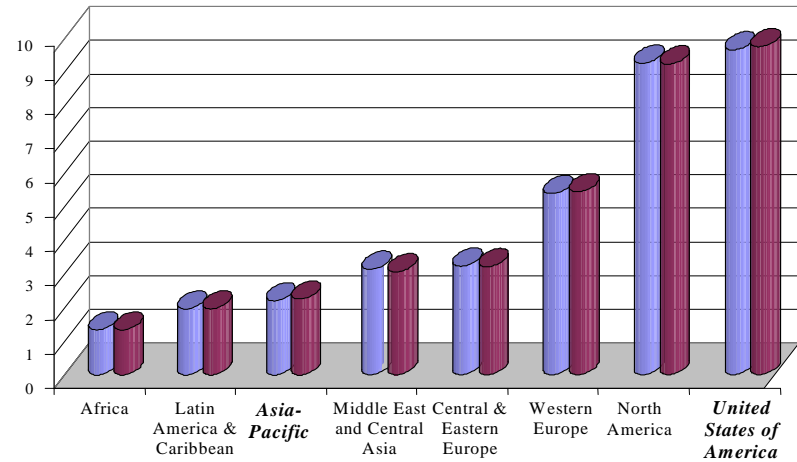
## FACTORS AFFECTING THE EF

Within a region, the average **per capita footprint** is multiplied by the **number of people** to create a **total regional footprint**.

**Total Footprint in Billions of Hectares by Region 1999-2000**



**Per Capita Footprints in Hectares by Region 1999-2000**



Because of sheer population size, the Asia-Pacific region has the largest **regional** footprint even though the **per capita** impact of its consumption and technology is relatively small.

Because of large consumption rates and advanced technology (such as cars), industrialized regions create large per capita footprints despite relatively small populations.

**IMPACT = POPULATION \* AFFLUENCE \* TECHNOLOGY**

**Reducing the global footprint will thus require a combination of**

- Population stabilization
- Reductions in consumption and waste levels, which can be facilitated by
  - The development of lower-impact technologies