



CO<sub>2</sub>: Global warming  
 SO<sub>x</sub>: Cloud formation and acid rain  
 NO<sub>x</sub>: Ground level ozone  
 PM/HC/CO: Health risk/visible smoke



Garbage/waste

- Ballast water
- Biofouling
- Anti-fouling release
- Scrubber washwater
- Bilge water
- Sewage
- Organic waste

Noise  
 Lights  
 Waves