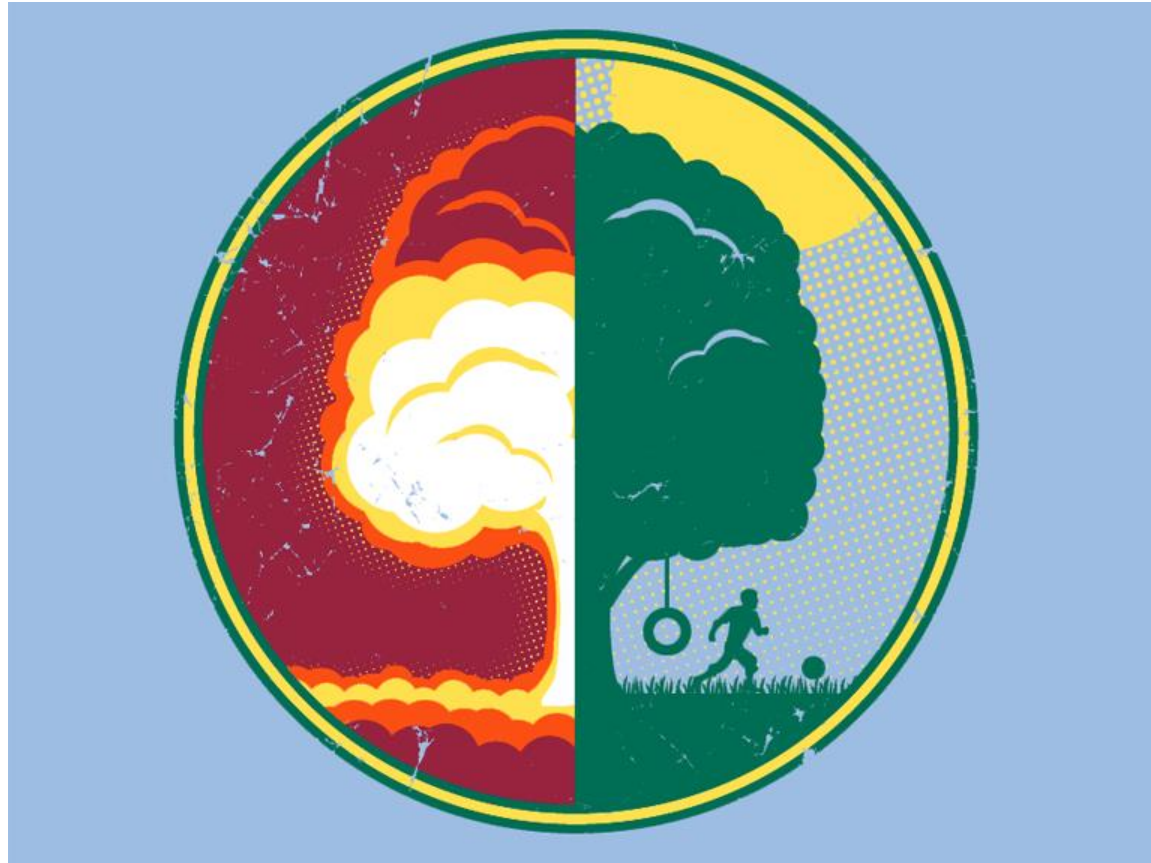


Impact is the consequence of the changes that people can do in the nature.



**CONNECTION**



**Everything is connected.  
If we change something,  
everything else changes.**

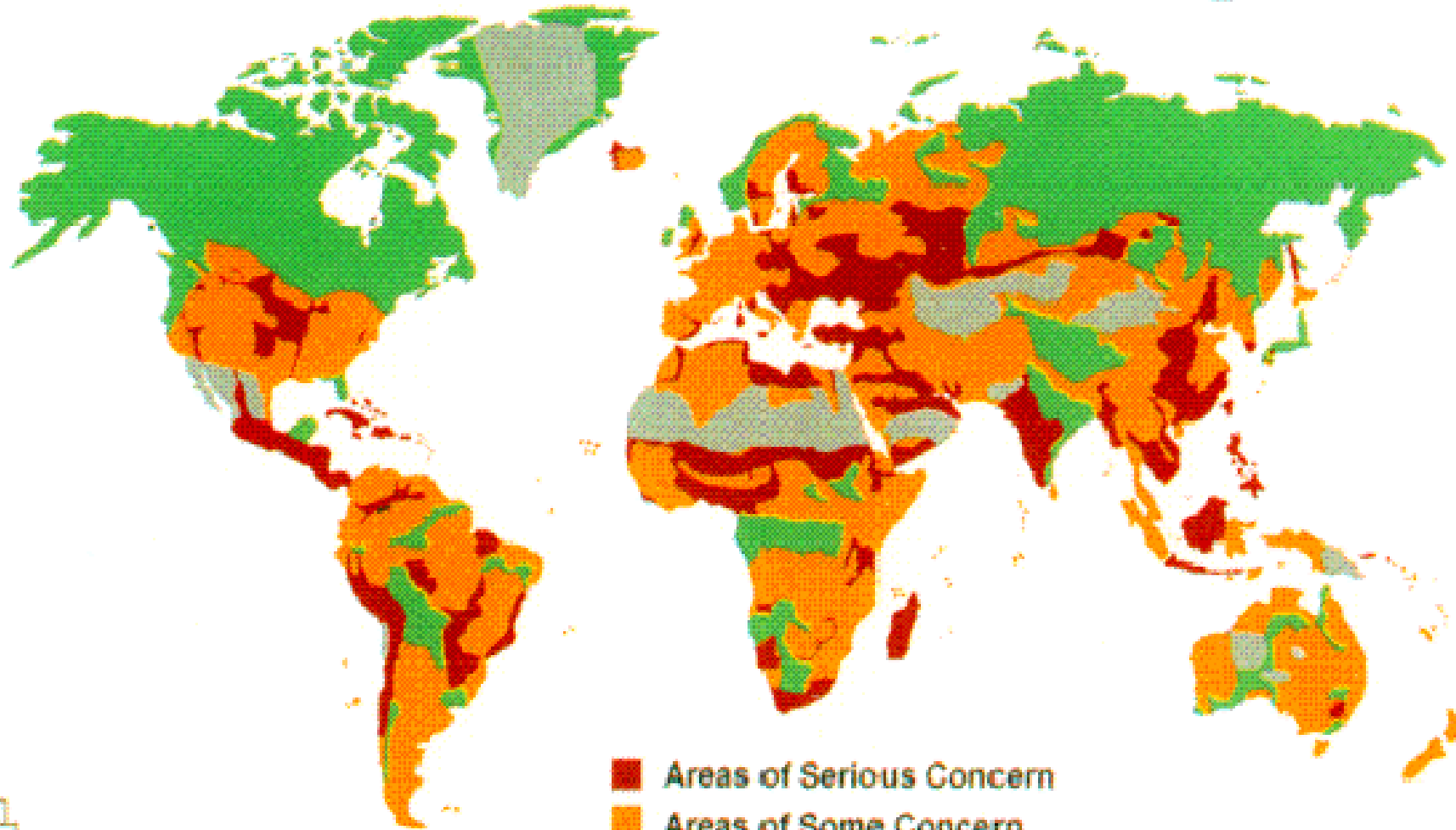
# SOIL



www.shutterstock.com · 436541032

- Mineral extraction affects the soil because we take things out of it;
- Chopping down trees because of the nutrients and they hold the soil (erosion);
- Fires take off the nutrients from the soil;
- Fertilizers and pesticides (agriculture) can pollute the soil.

# Areas of Concern for Soil Degradation



- Areas of Serious Concern
- Areas of Some Concern
- Stable Terrain
- Nonvegetated Land



World  
Resources  
Institute

Source: International Soil Reference and Information Centre, unpublished map  
(Wageningen, the Netherlands, 1990)

# Water



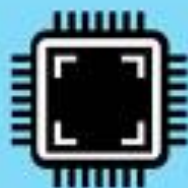
- Excessive use of Pesticides and Fertilizers can affect the water;
- Throwing trash in the wrong places can pollute the underground water;
- Oil spills can kill species of animals;
- The agriculture wastes most of the water that we have. They could use less.

# ÁGUA VIRTUAL

 = 100 Litros

 = 1000 Litros

Microchip



32 Litros



Xícara de café



140 Litros



Folha de papel A4



10 Litros



Camiseta de algodão



2.000 Litros

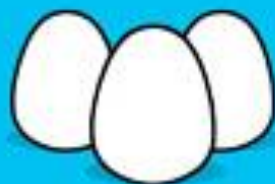


Copo de leite

200 Litros



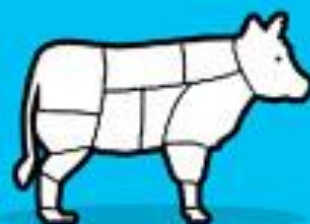
Ovo



135 Litros



Carne Bovina



2.325 Litros



Carne Suína



720 Litros



Par de sapatos de couro

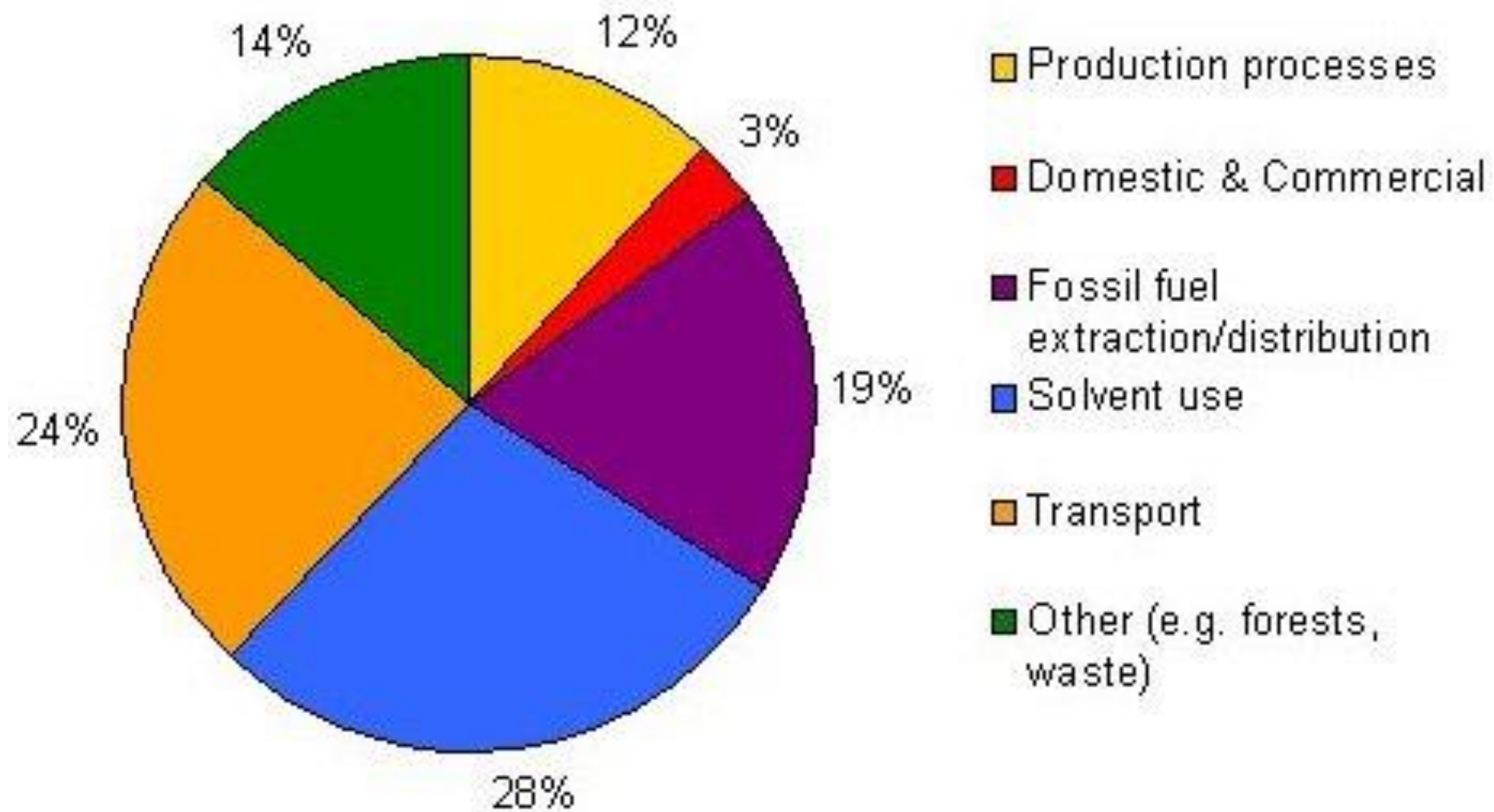
8.000 Litros



# Air



- The machines used in farms pollute the air;
- When we take food to be processed in factories we use trucks → pollution;
- Chopping down trees for live stocking change the quality of air;
- Fires in the nature;
- Some technologies used in the production and the distribution of food affect the air.





# Collective Production – Y3A

