Silver

Element classification: Transition metal
No. of isotopes: 28 (2 stable, both natural)

Typical elemental concentrations:
- Soil (dry): up to 44 µg/kg
- Sea water: 2-100 µg/l

Why is it of interest?
- High bioaccumulation into aquatic organisms
- High transfer to some tissues/organisms in the terrestrial environment

Key sources of radioisotopes
- Nuclear cycle: Nuclear power plants, reprocessing, waste
- Fallout: Nuclear weapons testing
- Nuclear accidents: e.g. Chernobyl, Fukushima
- Natural sources: None

For more information...
IRSN 110mAg factsheet

Radioisotopes of significance to environmental radioactivity