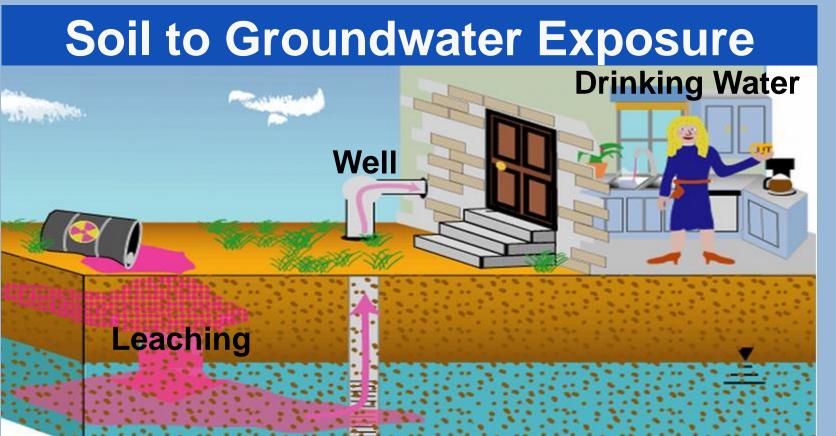


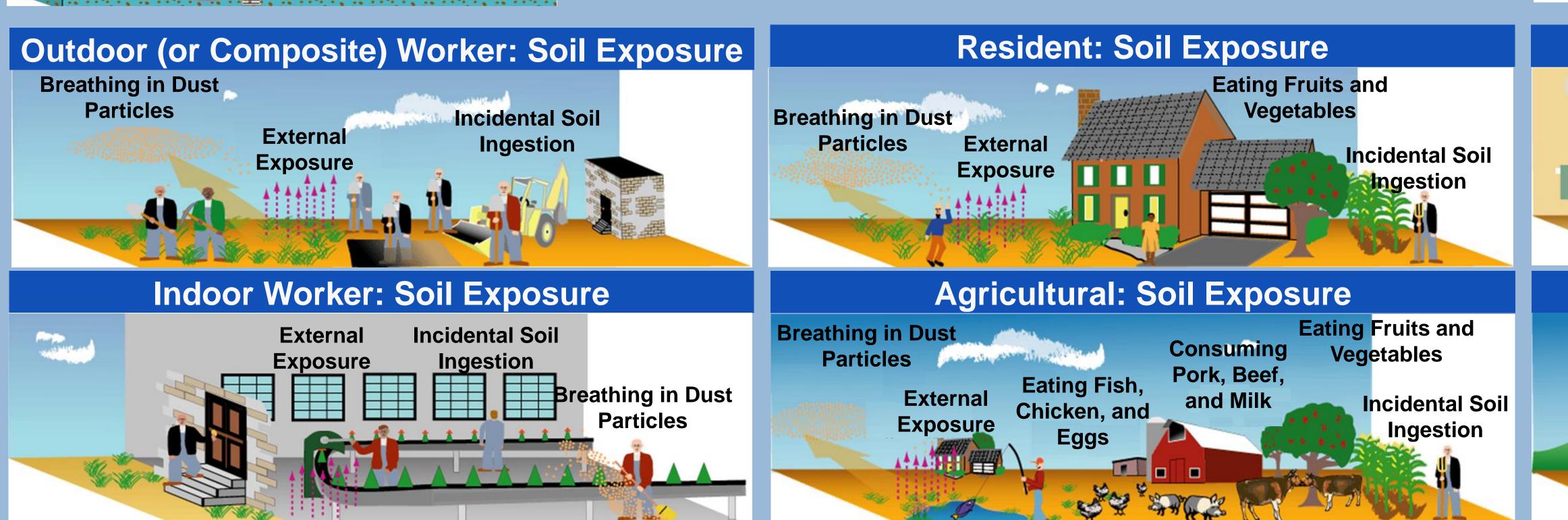
Dose Compliance Concentration (DCC) Calculator

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What is DCC?

- DCC stands for **dose compliance** concentrations.
- DCCs are cleanup levels that correspond to a specific dose of radiation.
- Superfund is **NOT** a dose-based program.
- calculating radiation dose.
- place.



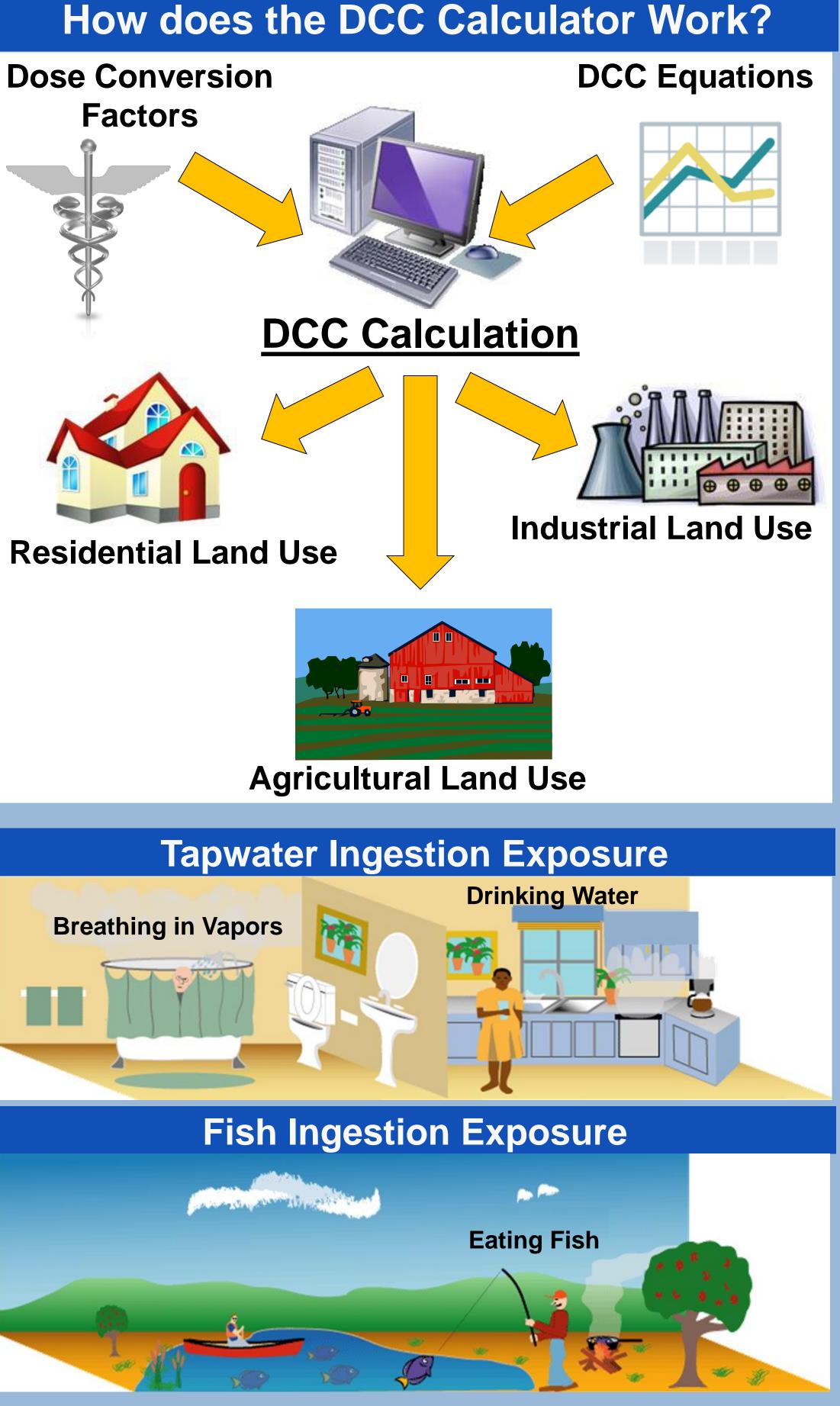


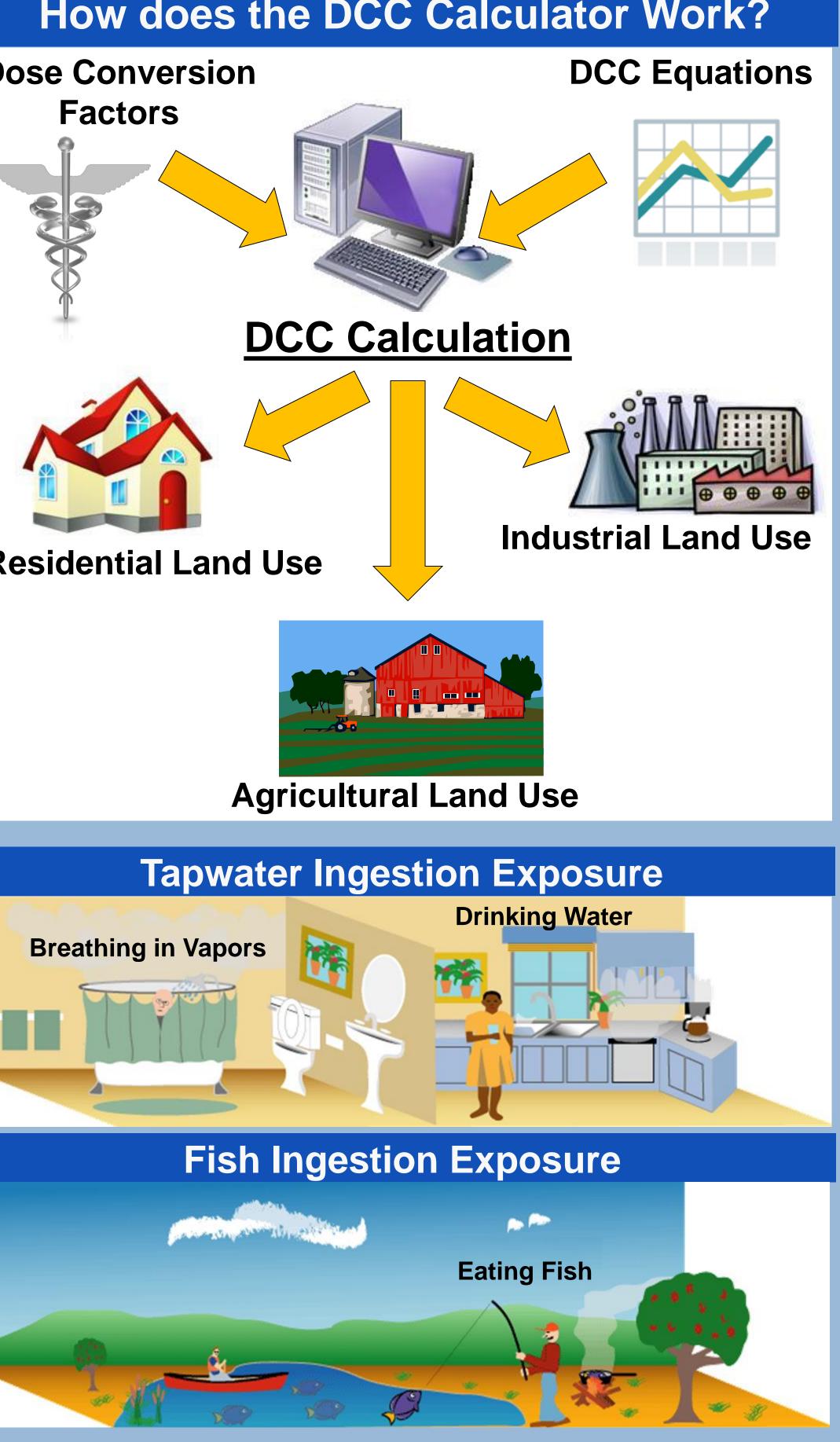
DCC Calculator

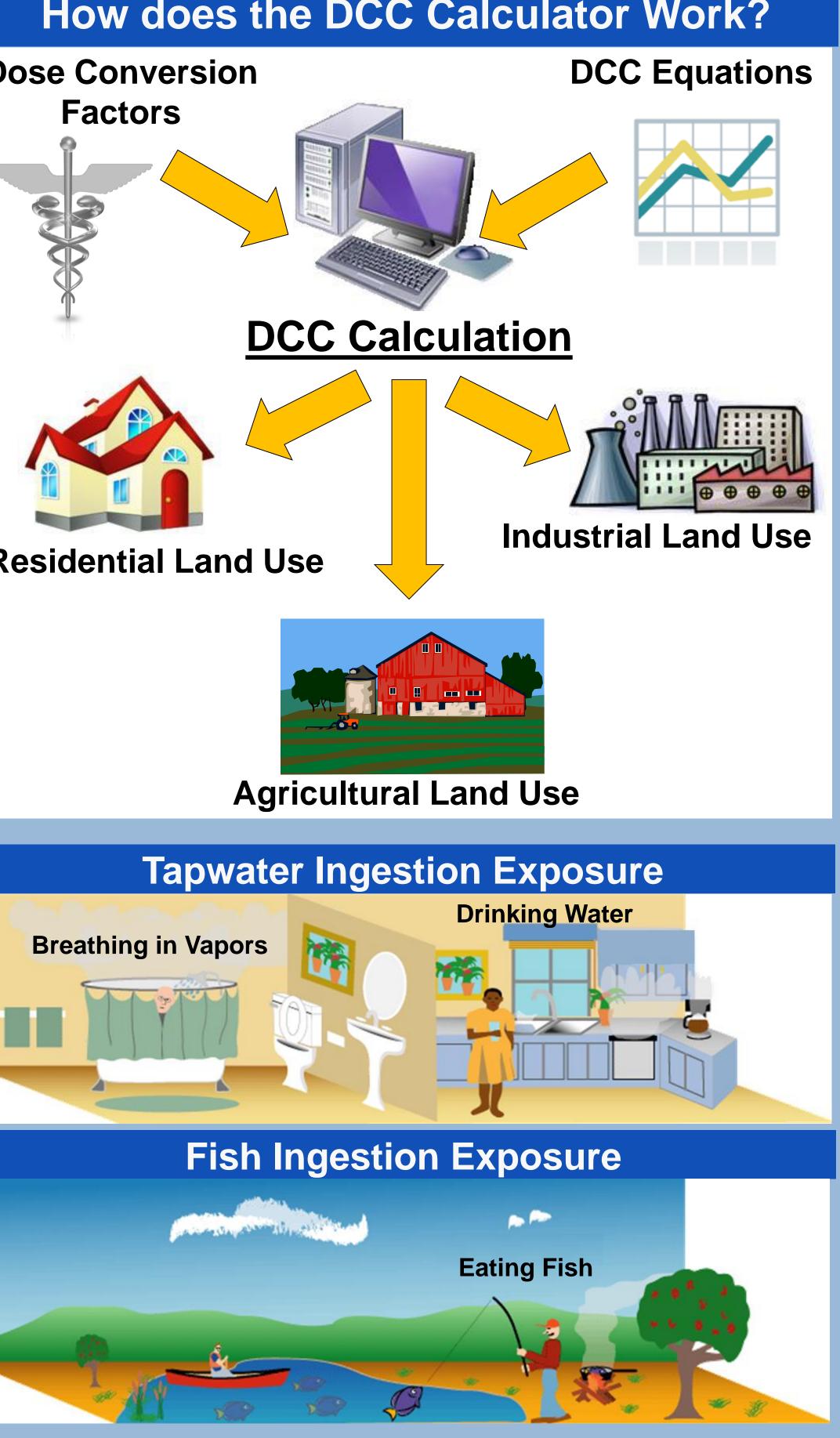
• The **DCC Calculator** is a tool that allows EPA to calculate cleanup levels in soil, water, and air that correspond to a specific dose of radiation at a Superfund site. The calculator uses **dose conversion factors (DCF)** in

• **Dose** is the amount of radiation absorbed by a person's body. • **DCFs** use concentration of a radionuclide in soil, air, water, and food to determine the dose of radiation a person at a contaminated site is exposed to. DCFs also take into account the type of exposure (inhalation, ingestion, or external) in determining dose.

 Superfund takes into account cancer risk, not radiation dose, in deciding cleanup levels. The DCC calculator is useful to show compliance with existing regulation of cleanup levels that may be in







DCC: http://epa-dccs.ornl.gov/

