



2015

International  
Year of Soils

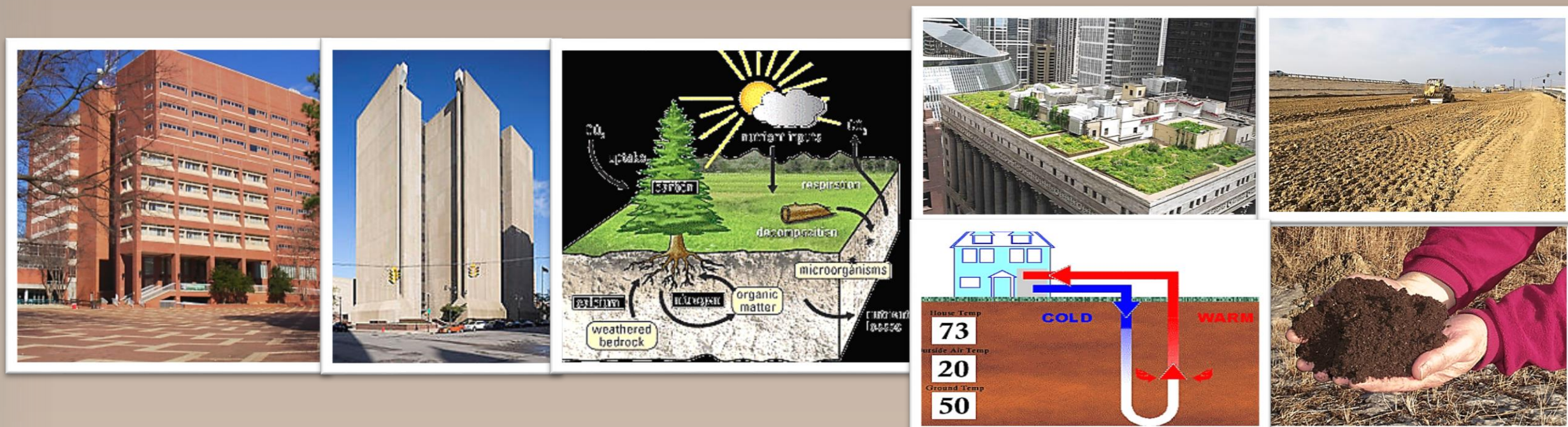
# MAY..... Soil Supports Building & Infrastructure



## Issues:

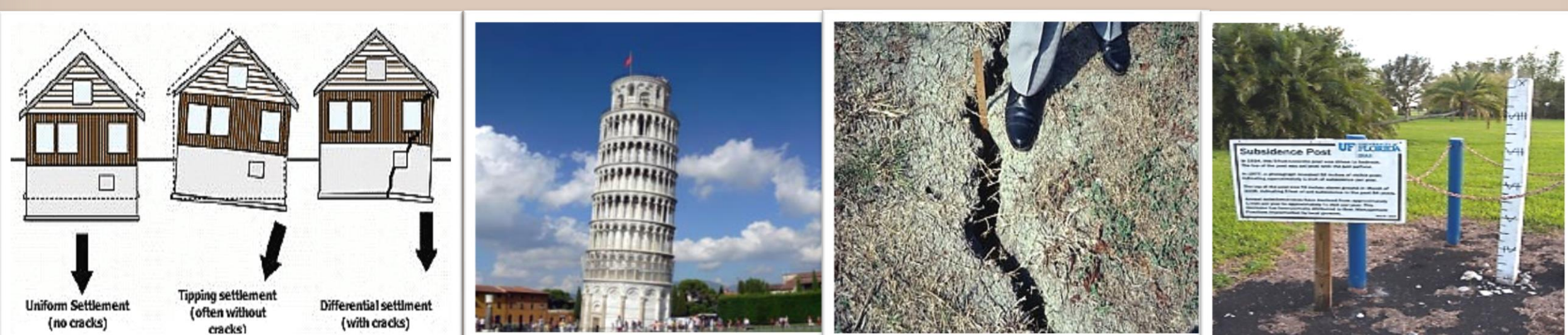
### Materials & Basics

- \* Brick, Pottery, Adobe
- \* Cement & Concrete
- \* Wood products
- \* Biosolids & Composting
- \* Fill & Grading
- \* "Green" Structures
- \* Environmental Land-Use



### Foundations

- \* Bearing capacity
- \* Wetness conditions
- \* Shrink / Swell capacity
- \* Organic content



### Water & Soil Management

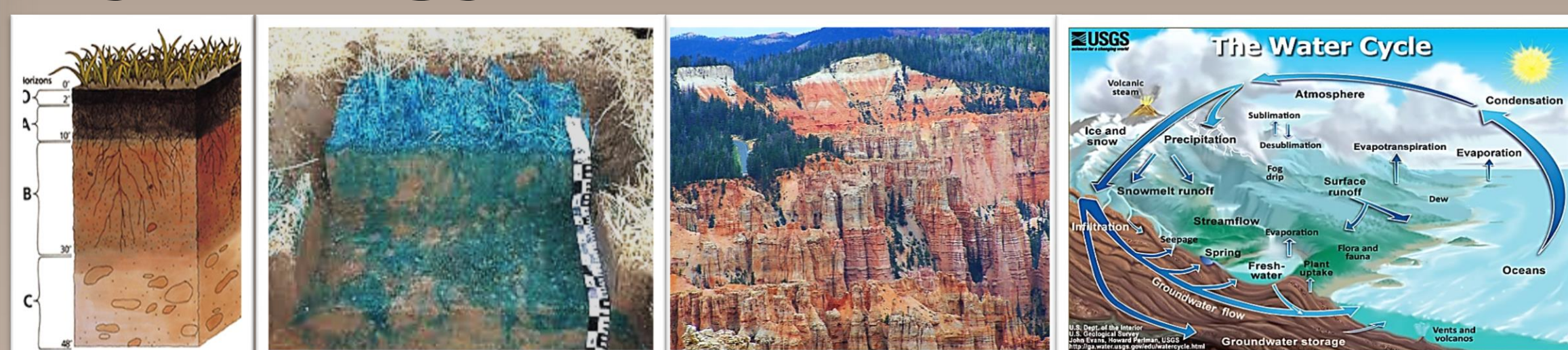
- \* Wastewater treatment systems
- \* Spray-Drip Irrigation systems
- \* Reuse water systems
- \* Stormwater systems
- \* Erosion Controls



## Science:

### Geosciences

- \* Soil Science & Hydropedology
- \* Geomorphology
- \* Geology & Hydrogeology
- \* Forestry & Natural Resources
- \* Hydrology



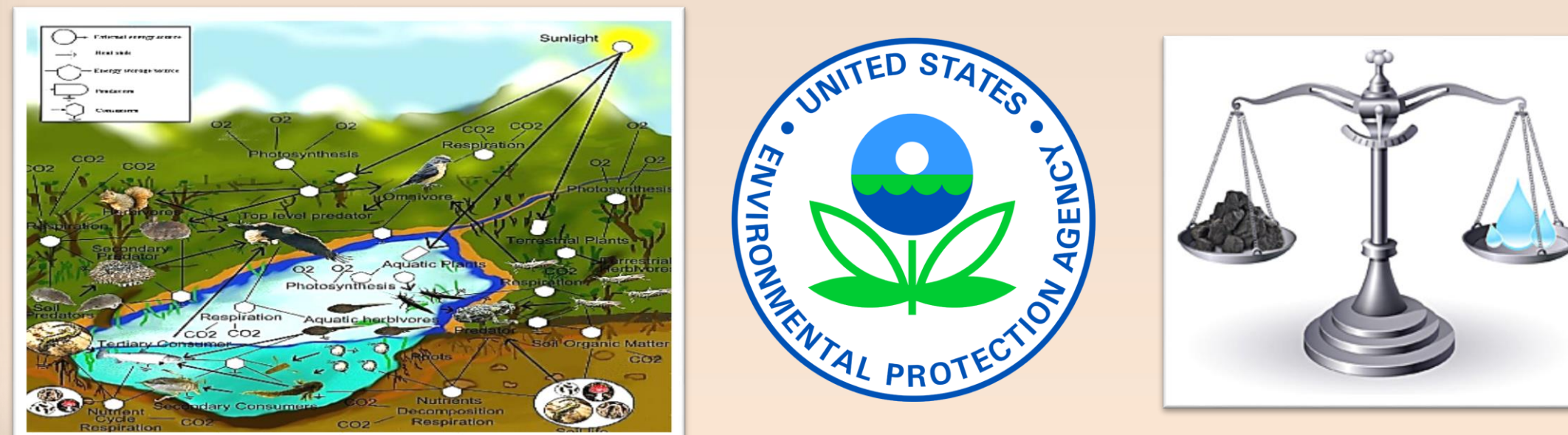
### Engineering & Design

- \* Civil engineering
- \* Soil & Materials engineering
- \* Biological & Ag engineering
- \* Environmental engineering
- \* Landscape architecture
- \* Land-Use Planning



### Environmental

- \* Ecology
- \* Biogeochemistry
- \* Biology
- \* Chemistry
- \* Environmental Policy & Law
- \* Environmental Planning



## People:

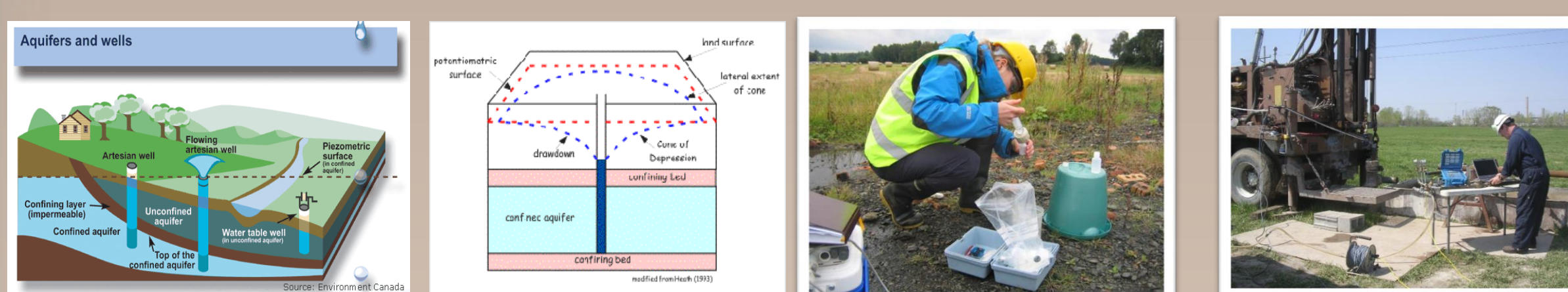
### Soil Scientist



### Geologist



### Hydrogeologist / Hydrologist



### Engineer



### Landscape Architect



### Environmental Attorney



### Ecologist / Wetland Scientist



## Resources:



Poster by: Larry F. Baldwin NCLSS-CPSS; [LBaldwin@ec.rr.com](mailto:LBaldwin@ec.rr.com)

Source References: SSSA; NCSU; VPISU; GSA; AGU; NAHB; NSFC; ASAE; NSPE; ASLA; ASTM; NOWR; EPA; USGBC; USCC; USDA; SWCS; ABA.

<https://www.soils.org/IYS>

#IYS2015

