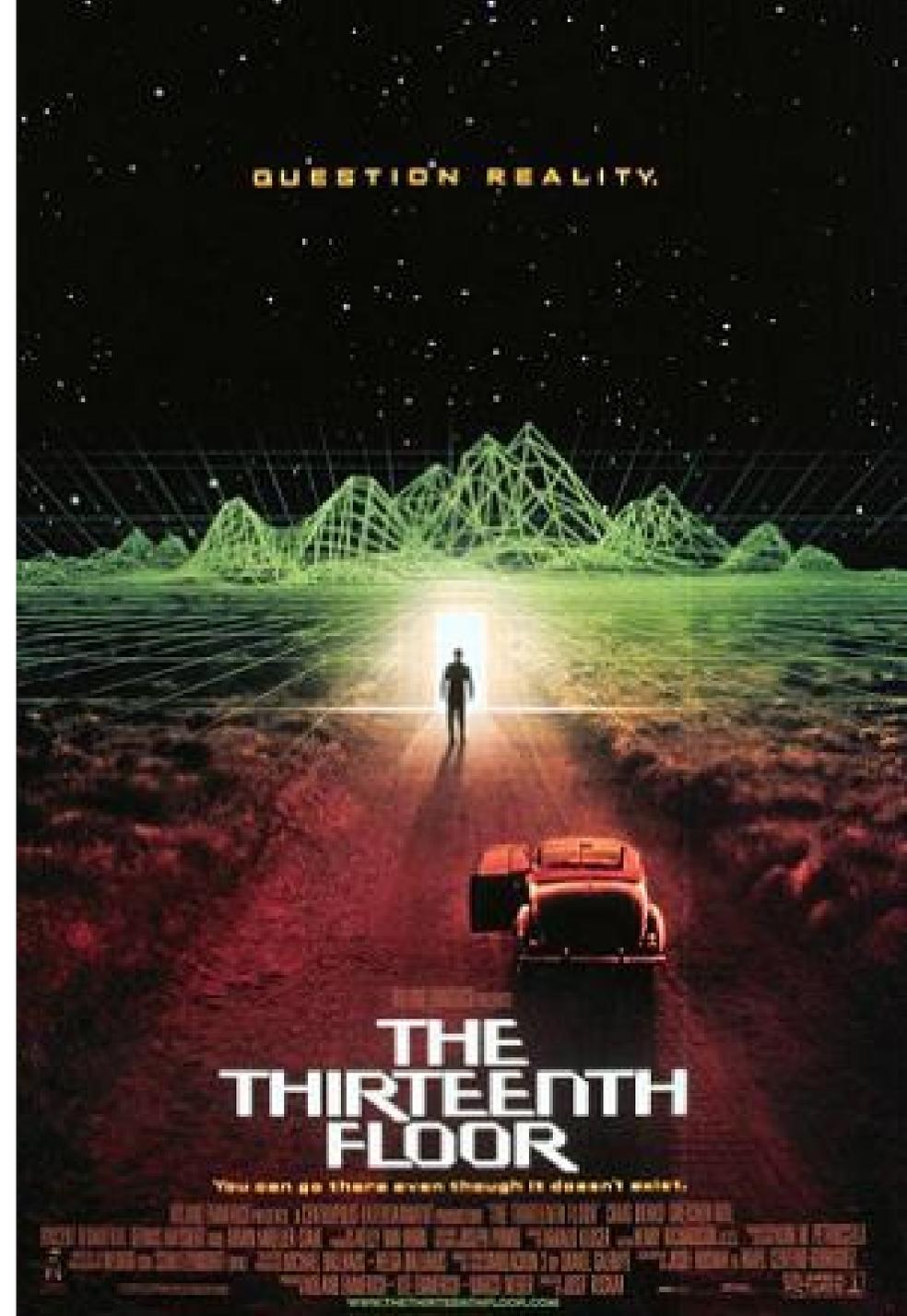


NWQMC and Water Standards



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Why Do We Monitor?

- To inform the decisionmaking process
- To assess risk, or potential risk
- To set priorities



Why Do We Develop Standards?

- To inform the decision making process
- To assess risk, or potential risk
- To set priorities



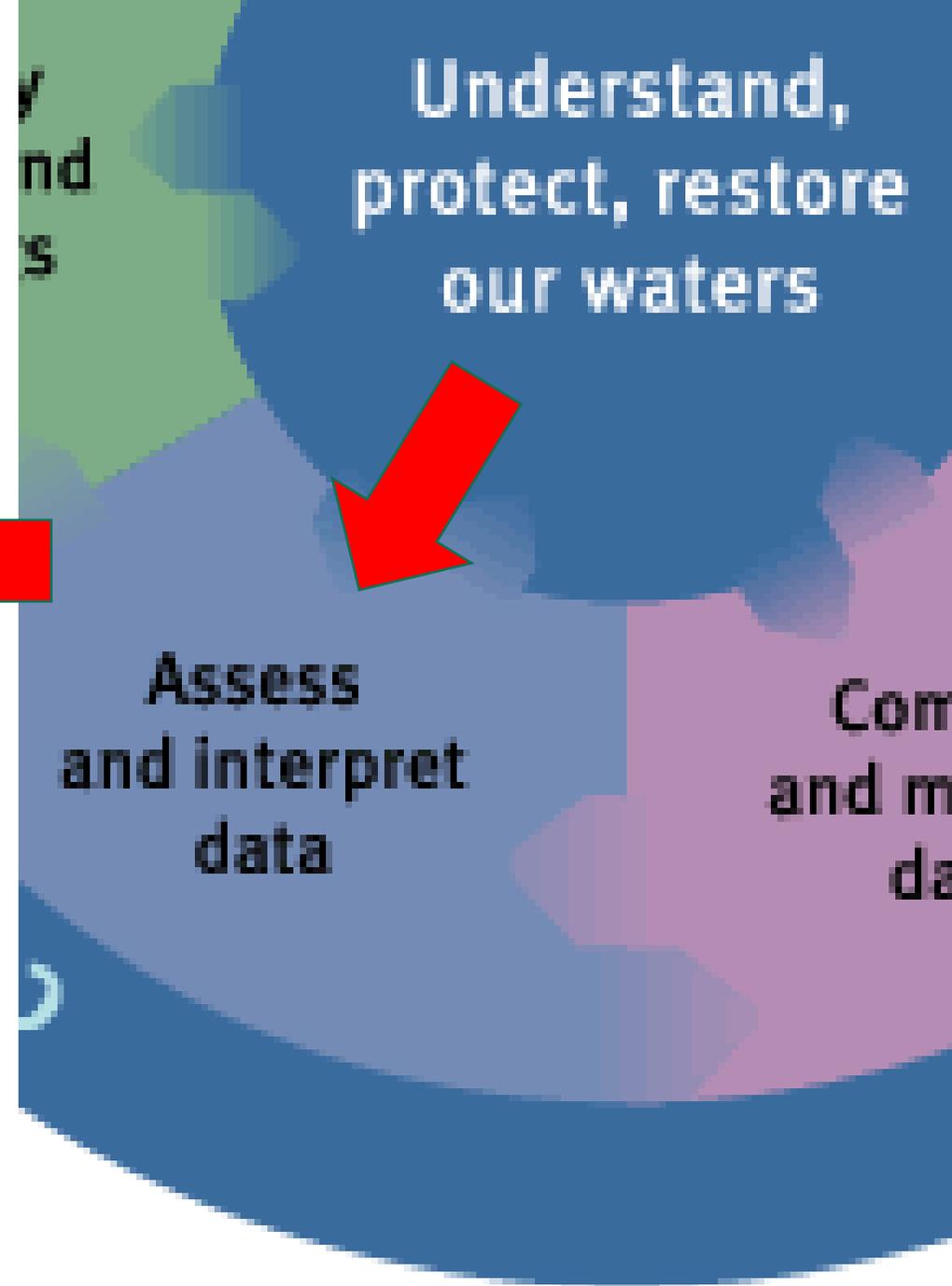
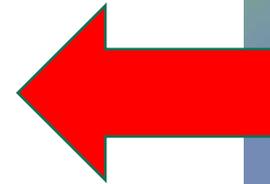


Putting Data into Context

(or, “turning data into information”)

What do our monitoring data mean?

- MCHM release, West Virginia
- HABs and cyanotoxins
- CECs
- Legacy Contaminants





From the Water Quality Portal

- One year of *groundwater* data, one state, all chemical sample results
- ~300 chemicals, 80 detected at least once
- 42 have no MDH drinking water guidance values
- 11 pesticides/fungicides, 1 fragrance, 1 prescription, many metals and essential elements



Types of Water Guidance

- Drinking Water (interspecies uncertainty, additivity, health endpoints, intake rates, sensitive populations)
- Ecological (species of interest, bioaccumulation, human diet)
- Recreational (exposure factors, institutional controls, public outreach)



Discussion Topics

- Would it further the mission and goals of the NWQMC to do additional work in the area of water standards?
- Who on the council has an interest in water standards? (Methods, chemical prioritization, risk characterization, risk communication, public outreach...)
- Is there “critical mass” for a WQ Standards Workgroup?
- What kinds of products would be useful to our stakeholders?
- How can the Council raise awareness of water standards?
- Are there potential tie-ins to existing Council workgroups?
- Is there a potential tie-in to the Portal (or its website)?