

Research Committee Report

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Ongoing Research

Microbial Source Tracking (MST)

- **ORSANCO**
- **USGS**
Don Stoeckel
- **Ohio State University**



Ongoing Research

Emerging Contaminants (ECs)



1. Endocrine Disrupting Compounds (EDCs)

- Fish Health bioindicator for EDCs

2. Pharmaceutical and Personal Care Products (PPCPs)

3. Perfluorinated Compounds (PFCs)

- Teflon
- Scotchgard



Priority Research Areas Identified

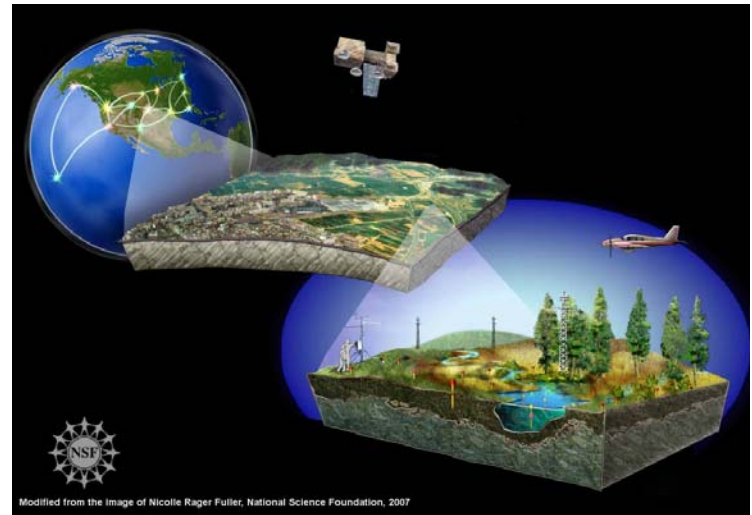
- **Fish Health (bioindicator for EDC Exposure)**
- **Human Pathogens (continue MST research)**
- **BMPs – Little Miami River – CREP project**
- **Water/Energy Nexus**
- **Climate Change**
- **Mercury Removal**
- **Algae Blooms**



ORSANCO Opportunities

ORSANCO Support & Involvement

1. National Ecological Observatory Network (NEON) (NSF)



2. WATERS Network

- **Ohio River Observatory**
- **NSF & USEPA & Partners**

ORSANCO Opportunity

Create an Annual Brochure

1. Build on Success
2. Different Topics
 - Fertilizer Application
 - Light Bulbs



ORSANCO Opportunity

ORSANCO host an OHIO River Researchers' Symposium and Exposition

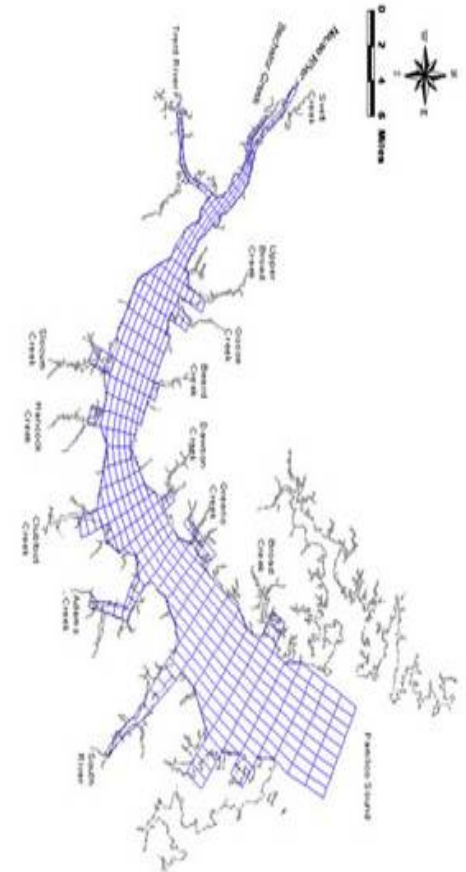
- **2011**
- **400 – 500 people**
- **Parallel the Ohio River Political Caucus**



ORSANCO Opportunity

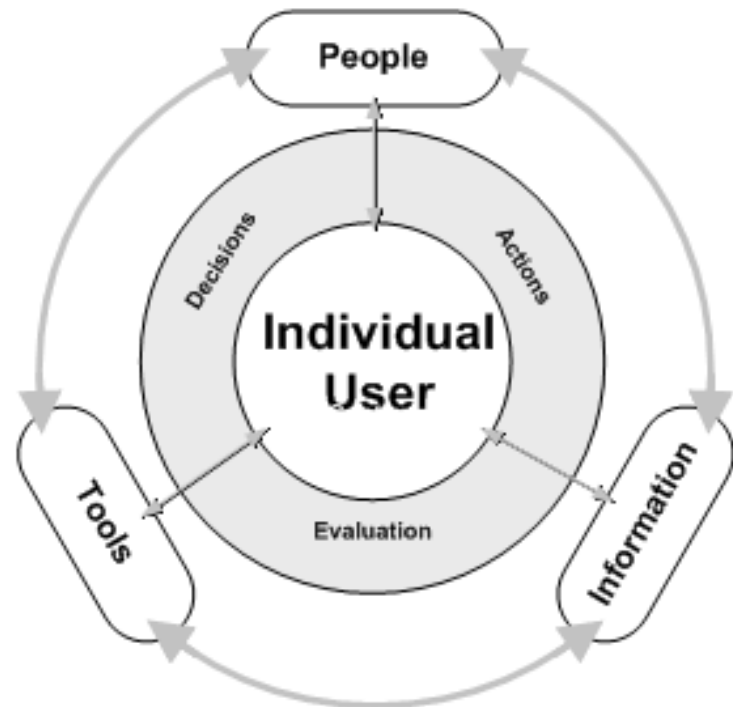
Basin Scale Water Quality Model

1. What models have ORSANCO and their contractors used on the Ohio?
2. What would the states like to get from the model?
3. Will the WARMF model satisfy the state requests?



Committee Communication Network

1. Google.docs
2. Facebook
3. Twitter
4. Wikis
5. Water Quest



Productivity Catalyst Model, Jess McMullin, 2002-2004

- Science Journal Articles
- Private Intra-group Communications