

# Sustainable Water Resources Roundtable

## *Resources Resilience and Collaboration*

At the Bureau of Land Management

BLM High Country Conference Room  
20 M St SE, Washington, DC

John Wells, SWRR Co-Chair  
Tuesday, March 31, 2015

# *Sustainable Water Resources Roundtable*



A national collaboration of federal,  
state, local, corporate, non-profit  
and academic interests

A committee of the USGS  
Advisory Committee on Water  
Information

# Our Mission

**To promote sustainability of the nation's resources through ...**

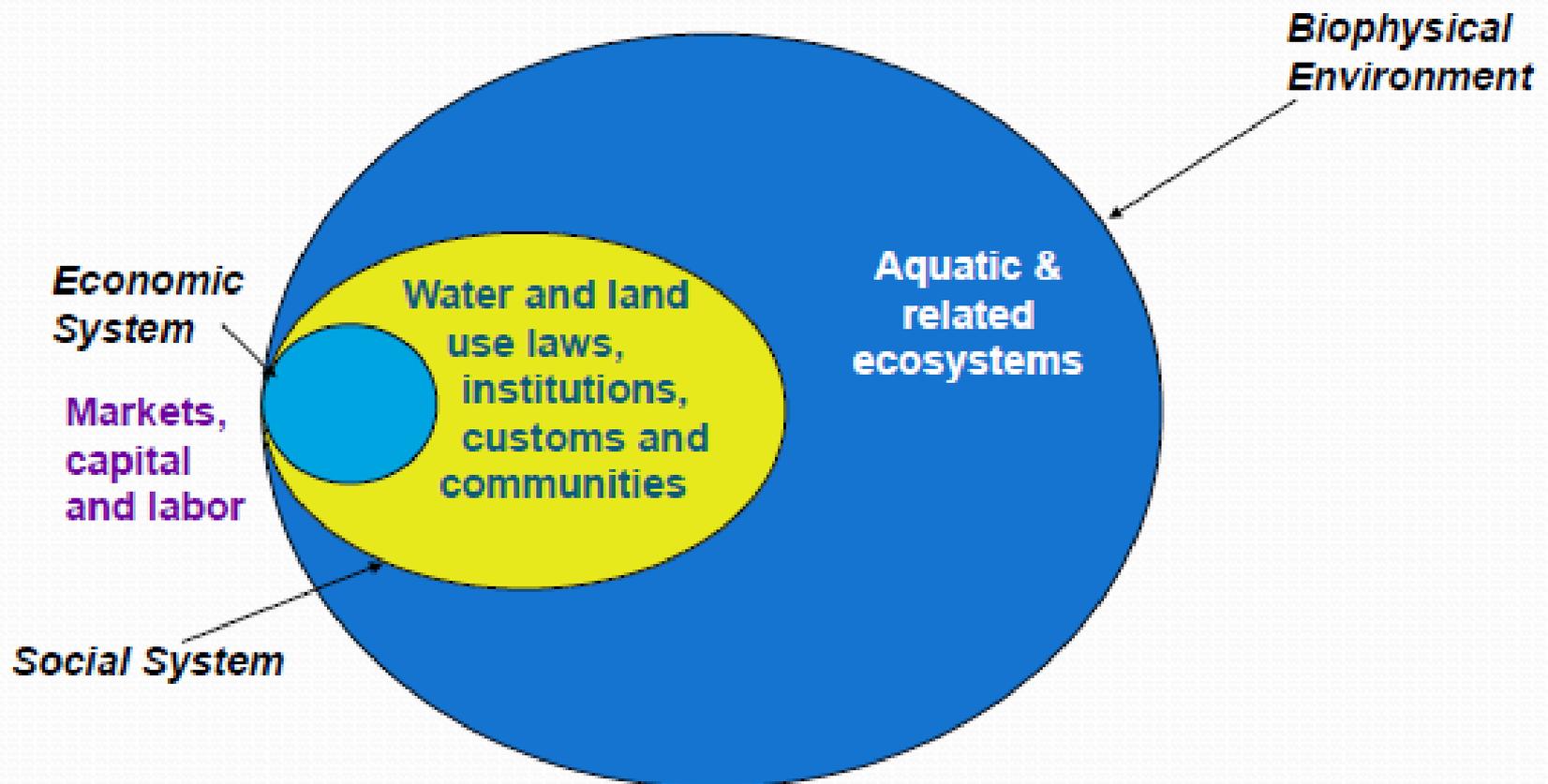
- Evaluation of information
- Development & use of indicators
- Targeting of research
- Engagement of people & partners



# Collaboration

- 1,000 participants from federal, state and local governments; corporations; nonprofits and academia
- Meetings in California; Colorado; Florida; Maryland; Michigan; Minnesota; New Hampshire; Virginia; Washington, D.C.
- Web site <http://acwi.gov/swrr/index.html>
- 2005 Preliminary Report  
[http://acwi.gov/swrr/Rpt\\_Pubs/prelim\\_rpt/index.html](http://acwi.gov/swrr/Rpt_Pubs/prelim_rpt/index.html)
- 2010 SWRR Report  
[http://acwi.gov/swrr/Rpt\\_Pubs/SWRRReportMarch2010.pdf](http://acwi.gov/swrr/Rpt_Pubs/SWRRReportMarch2010.pdf)

# Essential Relationships of Sustainability with Water Use

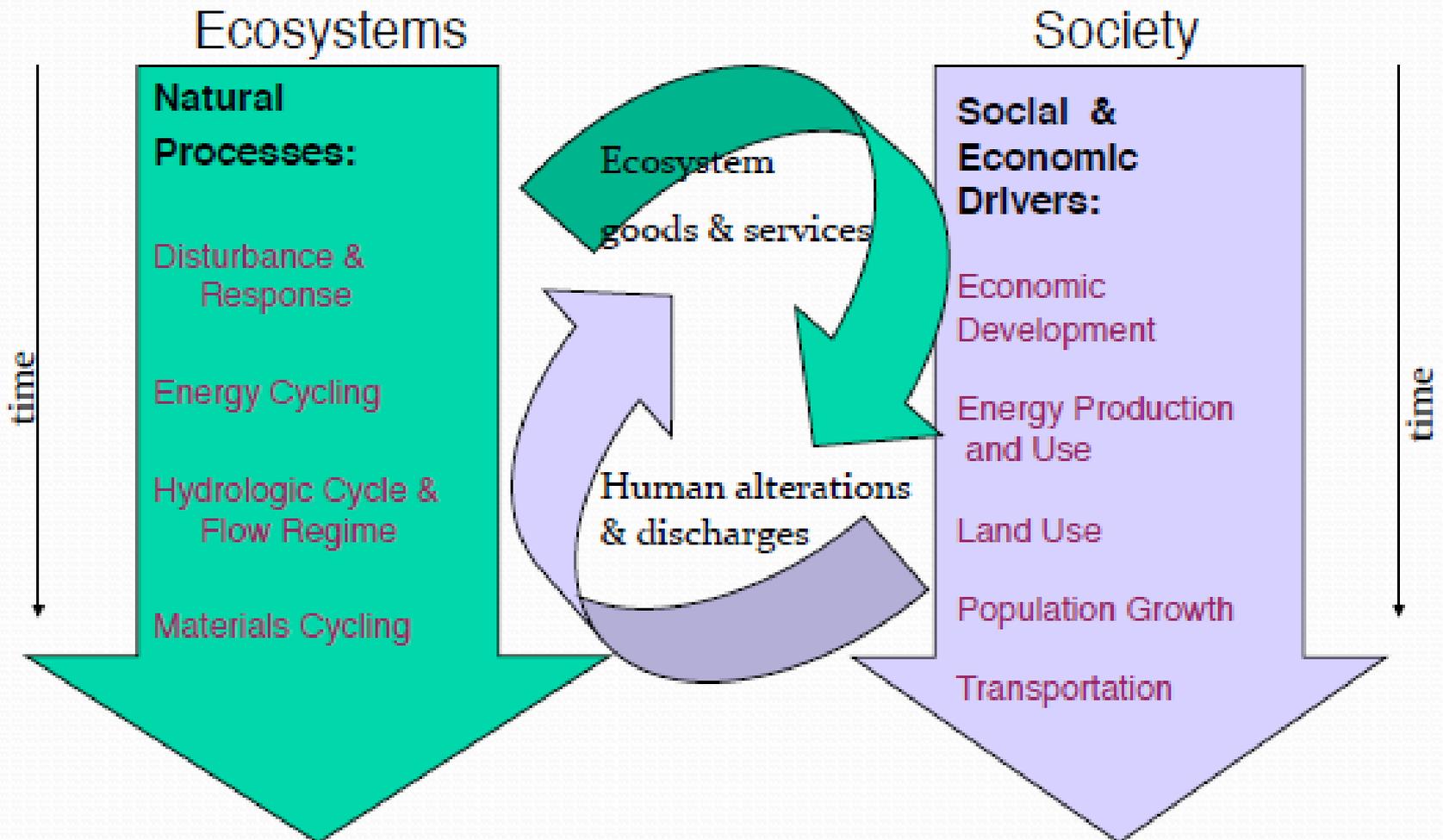


# Capital and System Capacities

- Capital is the capacity to produce value over time
- Environmental, social and economic systems produce value through flows of services, experiences, or goods that meet human and ecosystem needs over time
- We achieve sustainability by maintaining capital to meet needs



# Ecosystem Processes & Societal Drivers

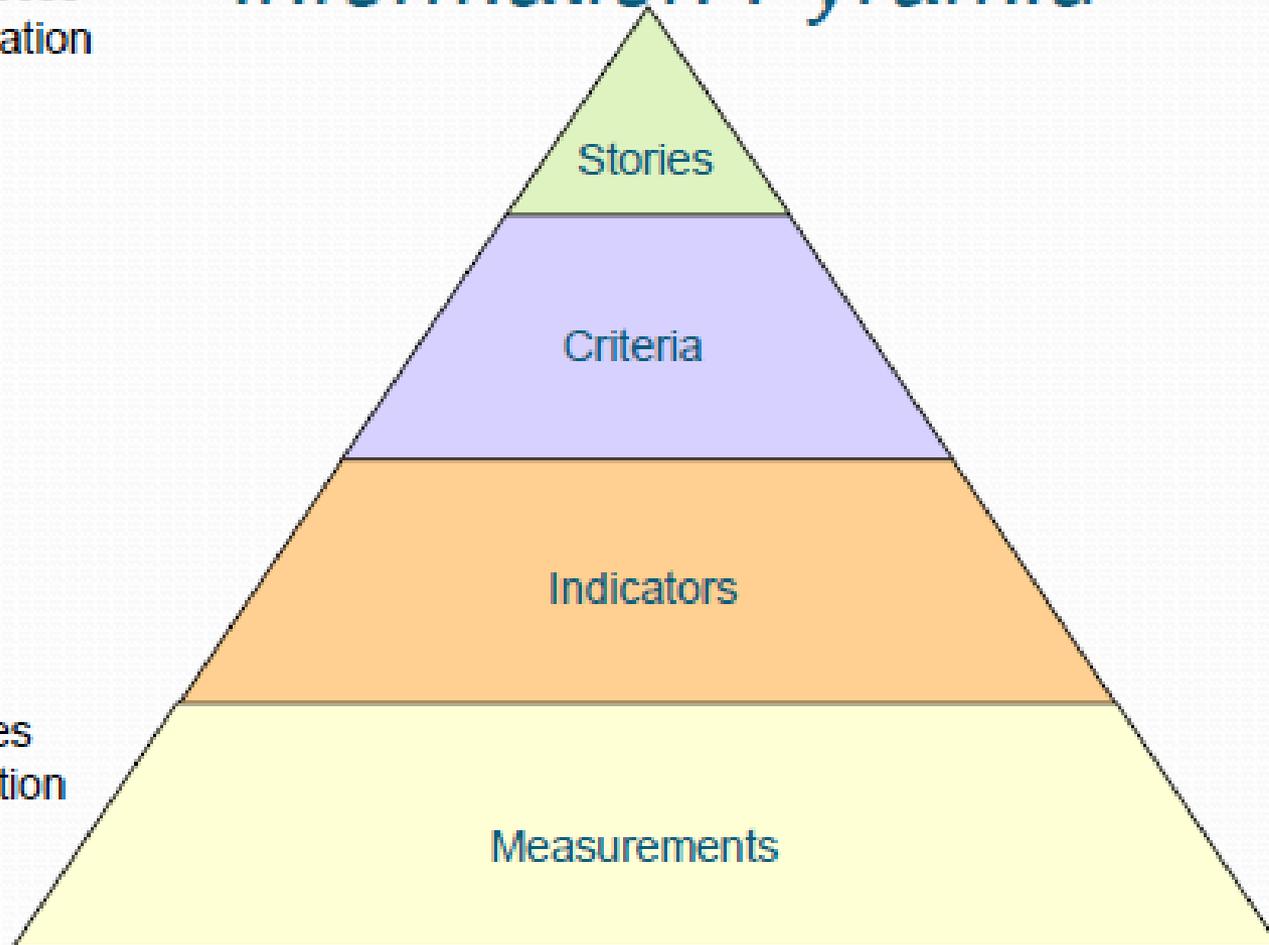


# *Information Pyramid*

Fewer Pieces  
Of Information



More Pieces  
Of Information



# The SWRR Indicator Framework

- **Water availability**
- **Water quality**
- **Human uses and health**
- **Environmental health**
- **Infrastructure and institutions**