



Sustainable Water Resources Roundtable

*At Florida Gulf Coast University and
Babcock Ranch*

John Wells, SWRR Co-Chair
December 14-15, 2016

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 ...

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

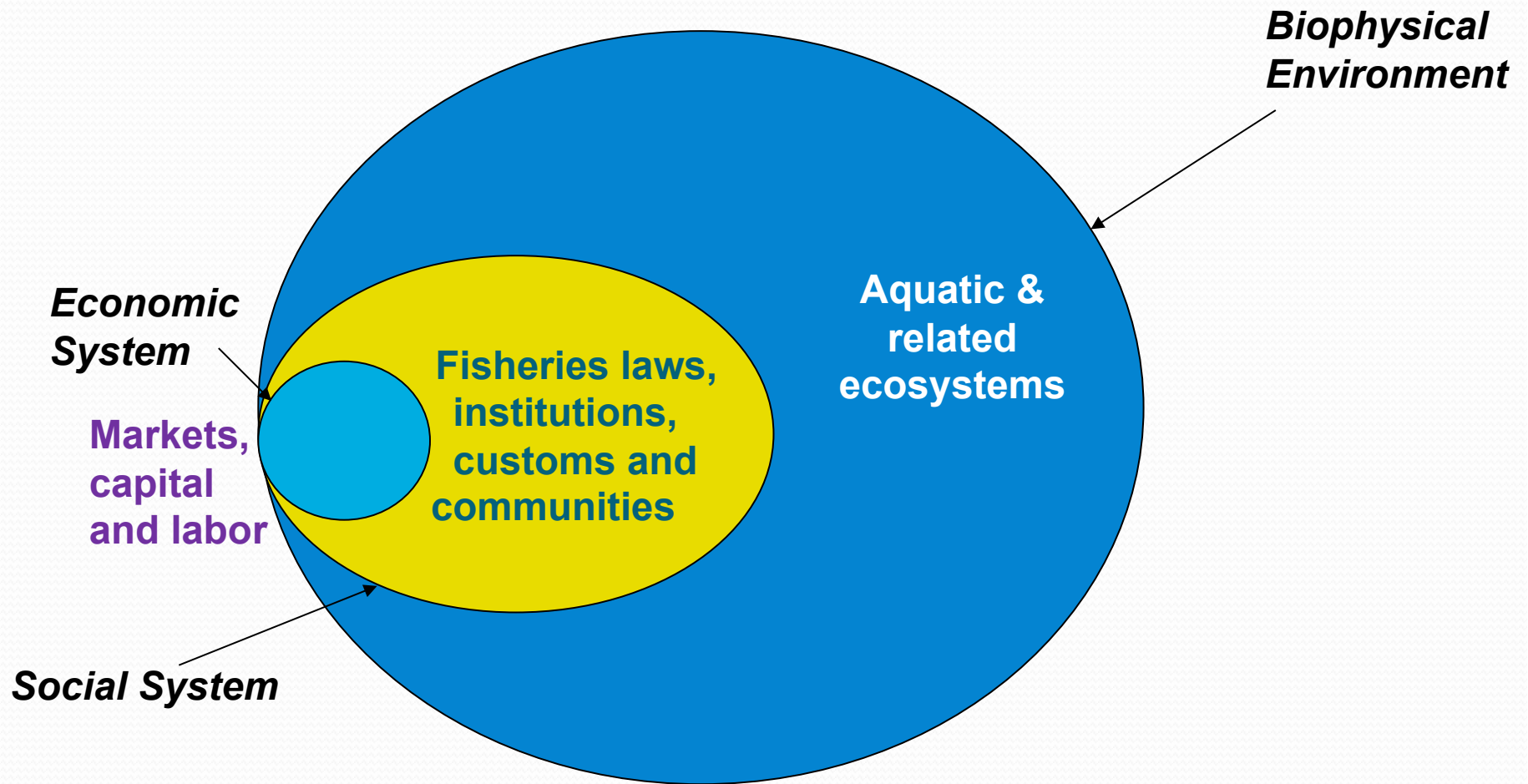


Our Vision

A future in which our nation's water resources support the integrity of economic, social and ecological systems and enhance the capacity of these systems to benefit people and nature



Essential Relationships of Sustainability with Fisheries



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**



Outreach

- 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
- 2010 SWRR Report
http://acwi.gov/swrr/Rpt_Pubs/SWRRReportMarch2010.pdf

California Water Plan

Blueprint for Integrated Water Management & Sustainability



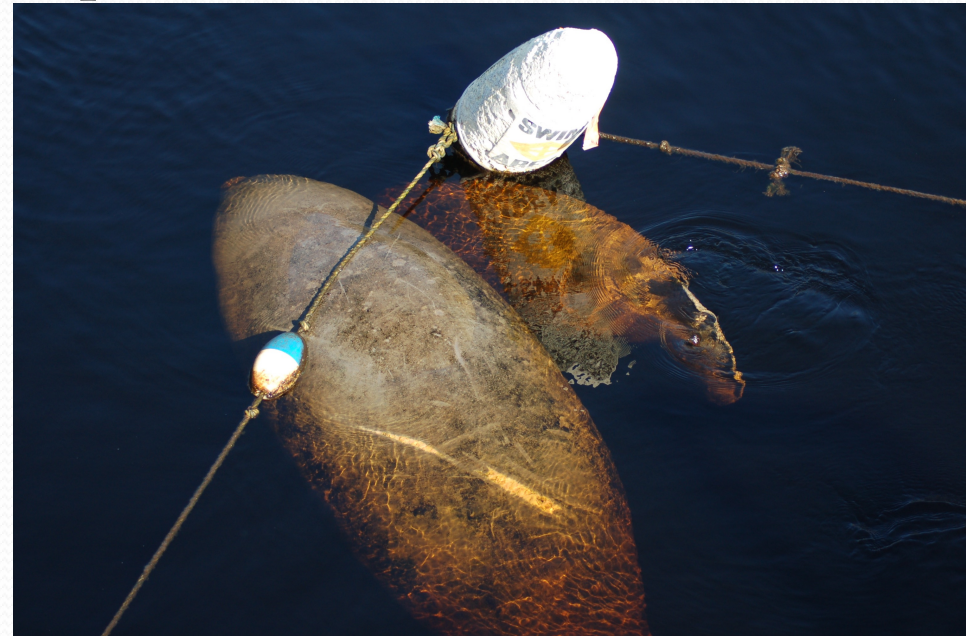


Army Water Security Observations

- Water management largely compliance-driven
- Less attention directed outward to sustainability of regionally shared water sources
- Long-term water projections currently not factored early into stationing decisions
- Chronic funding constraints means attention to Army-owned and Army-operated infrastructure tends to be reactive
- Long-term investment a challenge

Army Strategy Elements

- Assist host nations with water resources sustainability
- Assess the vulnerability of water and wastewater infrastructure to natural mishaps
- Match water quality to water use
- Anticipate long-term water requirements
- Influence long-term water management outside the fence line



Next Steps for the SWRR

- Continue roundtable outreach
 - Build regional connections
 - Add new private, nonprofit & public sector partners
- Assist agencies in developing programs and in describing the need for programs to collect information and manage water sustainably.





Contact Information

SWRR Co-Chairs

- Robert Wilkinson, Bren School of Environmental Science and Management, University of California, Santa Barbara, wilkinson@es.ucsb.edu
- John Wells, 651-686-8615, Wells and Associates, St. Paul, Minnesota jrwells2411@gmail.com

SWRR Manager and Facilitator

- David Berry, 703-741-0791, davidberry@aol.com
Sustainable Water Resources Roundtable
<http://acwi.gov/swrr>