Intertidal – Local voice

Eastern Maine Coastal Current Collaborative (EM3C)
State of the Science Conference – Machias, June 17 2019
Judy East, Executive Director, Washington County Council of Governments
3 continuums
Control, Capacity, Knowledge/Information/Data

- **CONTROL**: Local control – regional collaboration – State imposed
- **CAPACITY**: Independence – Inter-dependence – Dependence
- **DATA**: Actual observation – ecosystem response – state/national rules

2 Washington County examples
- Expanded Rain Gauge Network
- Shared Shellfish Ordinance
Expanded Rain Gauge Network

Washington County Rain Gauges - New & Existing with 5 Mile Radius

Washington County Rain Gauges - April 2017

- Previously Existing Rain Gauge w/5-Mile Radius
- Newly Installed Rain Gauge w/5-Mile Radius

Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCan, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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Expanded Rain Gauge Network

- **CONTROL**: Local control – regional collaboration – State imposed
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Granular & accessible information
Fewer and valid closures
Greater income potential
Lower public health risk

Unnecessary closures
Lost income
Frustration and anger
Shared Shellfish Ordinance – Perry/Pembroke

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- **CAPACITY**: Independence – Inter-dependence – Dependence

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**Single town ordinance:**
- insufficient licensees ($) to support enforcement or conservation activities
- End up with State imposed ordinance

**Shared ordinance:**
- Double the flats available to each licensee
- More licensees contributing to:
  - Joint management committee
  - Conservation activities, $$, therefore enforcement
  - Actual observations
Biggest opportunity/ Biggest challenge

- Shared Shellfish Ordinance:
  - Opp: Better management; increase in productivity; more licensees; more revenue; supports program
  - Ch: Time, $, trust – define area, assemble players, agree on structure (rules, fees)

- Rain Gauge Network
  - Opp: Appropriate closures more income; reduced contaminant exposure
  - Ch: $, maintenance

Critical Components Indicators/Keystones

- Mutual respect
- Speed of Trust
- Balance local control with imposed authority