

EXPLORING BEST PRACTICES IN AQUACULTURE POLICY

MARCH 6, 2025
DOCVILLE FARM
VIOLET, LA



WELCOME and EXPLORE!

- BUILD CONSENSUS
- IDENTIFY NEAR TERM POLICIES
- NEAR-TERM POLICY NEEDS

CURRENT STATE and the FUTURE

WHAT IS IN OUR CIRCLE OF INFLUENCE

TODAY is the DAY to START BUILDING ATTRIBUTES



WHO is in the ROOM?

WE ARE HERE to SET the FRAME WORK for DEEP DIVE WORKSHOPS

POLICY INITIATIVE
IMPORTANCE OF STATES' REPRESENTATION

BROADEN the CONVERSATION

- LAWS
- REGULATIONS
- WORK TOGETHER
- IMPACTS
- POLICY ATTRIBUTES



23 COASTAL MARINE STATES



REDUCE the BURDEN by CREATION of LIVING DASH BOARD WITH CONTINUAL UPDATES and ACCESSIBILITY

ENABLE PROJECTS TO MOVE FORWARD!

DASHBOARD LAUNCHED in 2024 WITH RESOURCES, ARTICLES, POLICY BRIEFS and MORE...

HOW DO WE DECIDE WHICH AGENCY CONTACTS to be POINT PERSONS?

SOME STATES HAVE MULTIPLE CONTACTS WE'LL PROVIDE a LIST BUT NOT PUBLISHED

DID YOU EVALUATE NON AQUACULTURE FISHERIES?

WE WANT ENGAGEMENT

PATTERNS BY REGION

EASY to SEE COMMONALITIES

OVER 40 POLICY ATTRIBUTES with DEFINITIONS

9 THEMES

42 ATTRIBUTES



ERRORS?

CONTACT STEPHANIE

WE ARE DEDICATED TO MAINTAINING the DASH BOARD!



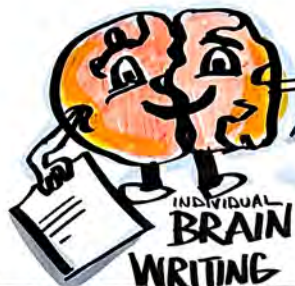
VIEW DASHBOARD

WHAT ATTRIBUTES MIGHT BE MISSING?

WHAT ATTRIBUTES WOULD YOU LIKE TO LEARN MORE ABOUT?



TABLE DISCUSSIONS



POLICY ATTRIBUTES REFLECTIONS



MISSING & LEARN MORE

OSBORNE'S RULES OF BRAINSTORMING

- SUSPEND JUDGEMENT
- BE FREE WHEELING
- GO FOR QUALITY
- BUILD ON OTHERS' IDEAS

GROUP BRAINSTORMING



LEASING and PERMITTING

COASTAL USE PERMITS - HOW DO WE FAST TRACK?

LEARN MORE ABOUT PILOT PROGRAM

WHICH STATES HAVE FISHING PERMIT STRUCTURES BUT NOT PILOT AQUACULTURE PROGRAMS?

CAPACITY BUILDING TRAINING and SUPPORTS, PILOT LEASES/PERMITS, RESTORATIVE AQUACULTURE/ NUTRIENT TRADING

FLEXIBILITY and ADAPTABILITY in LEASING (CHANGE GEAR WITHIN LEASE TERM, EXPAND LEASE, etc.)

HOW DO WE PUT NUANCE INTO DASH BOARD? PROCESS FOR GROUND TRUTHING

ON VS. OFF BOTTOM CULTURE IN DATA DASHBOARD

CAN WE USE SG EXTENSION PERSONNEL TO CONNECT DATA WITH STATE REG and INDUSTRY?

DATA and DECISION MAKING

REGULATIONS and COMPLIANCE

BIRD DETERANT POLICY?

BEST PRACTICES

FUTURE/EMERGENT ISSUES - HATCHERY/NURSERY/ WATER MONITORING

LINKAGES TO FEDERAL

ACTIVE UTILIZATION - POLICIES THAT HAVE TEETH, INVASIVE SPECIES

GRANULARITY OF IF THERE IS TROPHIC LEVEL

INTERSTATE and FISCAL POLICIES

RULES GOVERNING TRANSFER/RELAY BETWEEN STATES

INCENTIVES: TAX, FISCAL TOOLS, and DISINCENTIVES

CAPACITY BUILDING and GOVERNANCE

MISSING CAPACITY BUILDING, MANAGING MULTIPLE AUTHORITIES

IN BIOSECURITY: INTER and INTRASTATE TRANSFER PERMITS

COMPLIANCE ENFORCEMENT and PENALTIES

DASHBOARD FEATURES



COMPLICATED
LANDING PAGE BUT
PROVIDES A BIG PICTURE

LANDING PAGE
HOW MANY
STATES HAVE
THIS and
HOW MANY
DON'T?



YOU CAN DIVE
DOWN and
TOGGLE MAP
ON and OFF



BEST USED ON COMPUTER
NOT OPTIMISED FOR CELLPHONES YET.

MOVE ONTO
INTERACTIVE
PAGES
eg. CAPACITY
BUILDING

NARROW
DOWN
the
STATES
and NAVIGATE
TO STATE ONE
AT A TIME

DOWNLOAD
DATA
SPREADSHEETS

QUICK VISUALS
□ TOOLS
□ SAFEGUARDS

- ① HOW MIGHT the DASHBOARD INCREASE TRANSPARENCY and ACCESSIBILITY for REGULATORS and INDUSTRY?
- ② HOW DO YOU USE DASHBOARD NOW?

①. ENABLE DIRECT ACCESS
to SPREADSHEET DATA

②. ADD PRINT-FRIENDLY
SNAPSHOT REPORTS

③. SHOW REGULATORY
IMPACT ON INDUSTRY

④. HELP REGULATORS to
CONTEXTUALIZE POLICIES

⑤. FACILITATE CONNECTIONS
BETWEEN REGULATORS

⑥. PROVIDE CONTACT INFO
for POLICY QUESTIONS

⑦. SHIFT from STATIC TOOL
to EVALUATION RESOURCES

⑧. STRENGTHEN ITS ROLE
as a CONVERSATION STARTER

⑨. ENHANCE SUPPORT for
PROSPECTIVE FARMERS

⑩. INTEGRATE DISCUSSION
NETWORKS



FUTURE VISION

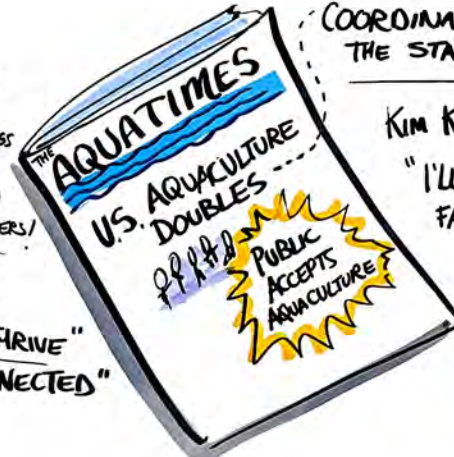


IF ANYTHING IS POSSIBLE
WHAT IS YOUR VISION for
IMPROVED AQUACULTURE
POLICY and MANAGEMENT
IN 5-10 YEARS?

- WHAT WE ARE DOING
- WHO WE SERVE
- THE IMPORTANCE

IMPROVE EFFICIENCY
COORDINATION BETWEEN
THE STATES

KIM KARDASHIAN SAYS
"I'LL ONLY EAT
FARMED SEAFOOD"



EVERY ONE
WILL APPRECIATE
THE VALUE
AQUACULTURE BRINGS

FEATURING: INLAND
and COASTAL FARMERS!

"AQUACULTURE IS
NECESSARY FOR
AMERICA TO THRIVE"
"IT'S ALL CONNECTED"



MAKE AQUACULTURE
GREAT AGAIN!

AQ BOOMS WITH
INCREASED REG. EFFICIENCY:

- NET PENS IN GREAT LAKES
BRING BACK NATIVE SPECIES
- AN OYSTER AT EVERY TABLE
- NATIVE SHRIMP IS DELICIOUS
- SEAWEED IS THE NEW SALAD



INTERVIEW WITH
EXEC DIRECTOR
OF NAA

FOCUS ON
EFFICIENCY
WE HAVE THE BEST SHRIMP
IMPROVING
FISH IN GREAT LAKES
QUOTES FROM SPECIALISTS

MORE QUOTES:

"BY ALLOWING OUR FARMERS
TO SELL OYSTERS FROM THE DOCK,
WE'VE REVIVED LOCAL
ECONOMIES and
SUSTAINED OUR STATE'S
CULTURAL HISTORY."
- BON REED MARSHALL
OF FLORIDA



BRINGING TOURISM
BACK TO COASTAL COMMUNITIES

BUILDING SUSTAINABLE
SEAFOOD FUTURES

DIVERSIFY/IMPROVE
ECOSYSTEM

EXCITING QUOTES:

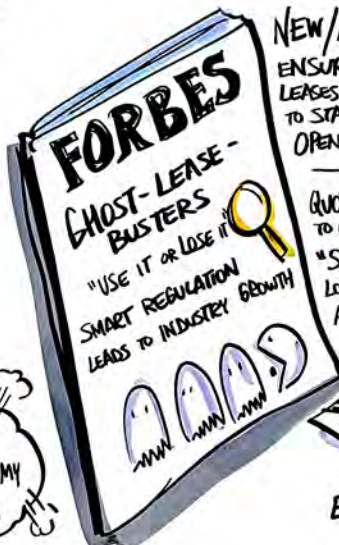
"I CAN SEE CRITTERS IN THE WATER
I HAVEN'T SEEN SINCE I WAS 12"
- ZANE MONEY, MIDDLE SCHOOL TEACHER

"I CAN MAKE A
LIVING and PROTECT THE ENVIRONMENT...
ONE OYSTER AT A TIME" - JANE BOB, RATTLESNAKE OYSTER CO.

NEW/AMENDED REGS
ENSURING AQUACULTURE
LEASES ARE CONTRIBUTING
TO STATE ECONOMIES and
OPEN to NEWCOMERS

QUOTE FROM FARMER ABLE
TO GET LEASE:
"SNOW BIRDS CAN NO
LONGER TIE UP LEASE
AREAS TO PREVENT GROWTH"

LEASES
CONTRIBUTE
TO THE
STATE'S
ECONOMY



"USE IT OR LOSE IT"
SMART REGULATION
LEADS TO INDUSTRY GROWTH

MIMBY
MAYBE IN MY
BACKYARD

BRING STAKEHOLDERS
TOGETHER TO EXECUTE REGULATIONS

NEW PRODUCTS TO
KITCHENS TO BE CREATIVE

"EAT OYSTERS"
- TAYLOR SWIFT

"WEEKNIGHT DINNERS:
WHAT TO DO WITH ALL
THE EXTRA STURGEON
IN YOUR FREEZER"

"30% LESS
FRUSTRATED"



MIMBY
MAYBE IN MY
BACKYARD

BRING STAKEHOLDERS
TOGETHER TO EXECUTE REGULATIONS

NEW PRODUCTS TO
KITCHENS TO BE CREATIVE

- WE WILL HAVE SOLVED PROBLEMS WITH CONSENSUS
- 10 YEARS IS NOT THAT FAR AWAY
- HOPE...
- LOOK AT INDICATORS IN POP CULTURE TO GAUGE CHANGE
- FUN TO IMAGINE THINGS CAN BE DIFFERENT
- INVOLVE ALL STAKEHOLDERS and START WORK NOW FOR 10 YEARS FROM NOW
- LOOK AT 10 YEARS FROM LENS OF SMALL STEPS GET US THERE

NEAR TERM POLICY NEEDS



POLICIES THAT ADAPT TO CHANGING ENVIRONMENTAL CONDITIONS



POLICY MAKERS and REGULATORS TO UNDERSTAND AQUACULTURE OPERATIONS

EXPANDED CAPACITY and STREAMLINED PROCESSES WITHIN PERMITTING AGENCIES



MULTI-STATE COLLABORATION

TRANSPARENT, ACCESSIBLE REGULATORY INFORMATION

POLICY FRAMEWORKS for ENVIRONMENTAL CREDITS and INCENTIVES



MODEL LEGISLATION for PILOT PERMITS and EXPERIMENTAL AQUACULTURE



MODIFIED POLICIES to ALLOW DIRECT SALES and REDUCE RESTRICTIONS



REGULATORY ALIGNMENT and OPEN DIALOGUE WITH AGENCIES LIKE ARMY CORPS



COMPREHENSIVE DATA COLLECTION

POLICIES THAT ESTABLISH PRE-PERMITTED ZONES and PILOT LEASES

FINANCIAL and PERMITTING POLICIES THAT SUPPORT HATCHERIES and NURSERIES

STRUCTURED LEGISLATIVE FRAMEWORK for NON-SHELLFISH AQUACULTURE

ASSESSMENT of PAST POLICY SUCCESSES and FAILURES



PRIORITY POLICY ATTRIBUTES

 **FUNDING**
FOR WORKSHOP
SERIES and
MOVE FORWARD
WITH POLICY BRIEFS, etc



WHAT WILL HELP
US MOVE TOWARD
YOUR VISION?



OUR TOP 5
ATTRIBUTES
TO EXPLORE

1. HATCHERIES and NURSERIES

2. RESTORATIVE AQUACULTURE - POLICIES AROUND FARMING
for the PURPOSE of BENEFITING A LOCAL
ECOSYSTEM (i.e. WHICH STATES HAVE A NITROGEN
CREDIT PROGRAM) INCENTIVES LIKE ENVIRONMENTAL
CREDITS

3. BIRD INTERACTION WITH GEAR

4. COMPLIANCE and ENFORCEMENT —
PENALTIES for VIOLATIONS

5. ACTIVE USE REQUIREMENTS with INFORMATION
ABOUT PROTOCOLS and LENIENCY