

Call to order: 8:15 am

**8:30 am Update by ANSTF (Susan Pasko)**

- Strategic pause: Review started in April 2017, operations stopped for national and regional panels
  - o Charter was renewed in January 2018
  - o Valid until January 2020
- Budget: funds from FWS
  - o State Management Plan Review – 2M for 44 submittals, all approved ~\$45k to each state
  - o \$40k to each panel for operations
    - Currently processing workplans, SOW, grant programs etc.
- June 2018 Meeting:
  - o Hosted by NOAA in Silver Spring
  - o Strategic plan lapsed in pause – goals of meeting to refocus task force and make goals for next 5 years
    - Discussions about coordination and efficiency
  - o Additional Topics
    - Updates on USGS database and status of challenges / species movements
    - US Coast Guard on ballast water management
    - EPA: finalization of 2018 Asian Carp Action Plan in Great Lakes
    - Pet Industry Joint Advisory Council: Reinvigorate habit-attitude – website update pending
    - Approval of State Plans

**8:45 am Update by AFWA Invasive Species Committee (Kim Bogenschutz, vice chair)**

- o See written updates
- o last met in March 2018
- o Items tasked from committee to AFWA Directors:
  - Submitted white paper recommending establishment of federal-state invasive species coordination committee
  - Requested full-time funding to focus on federal and state invasive species issues
  - AFWA leadership endorsed
- o On-going projects related to water craft decontamination protocols and inspection regulations
  - Developing model guidance for states
- o Memo of understanding with multiple agencies to recommend non-regular touring poaching (?) to reduce incidences of species that are not currently in the pet trade
  - currently effort to redo MOU and add additional agencies
- o Western invasive weed action plan: AFWA recognized and making efforts to coordinate with Department of Ag
- o Legislative: taking a look at recovering Americas wildlife act to analyze impacts of invasives on species of conservation concern
- o Next meeting: September in Tampa, FL

- Questions:
  - Fish and Wildlife Prevention Act (?) HR 6362
  - Has there been any activity under MOU? No – sticking point b/c need multiple people to present risk assessments. PIJAC have been invited multiple times to present to FWS with data and risk assessments.

**9:00 am            Regional Panel Structure, Projects, and Operations (Presentations by Panel representatives, followed by discussion) (Ray Fernald / Tim Campbell)**

- Overview of MAPAIS operations by Ray Fernald, Mike Allen
  - Mid-Atlantic Panel formed in 2003: covers North Carolina to New York
    - One of six panels administered by the ANSTF
  - Website constantly being updated
  - Two meetings per year
    - One where we focus on projects, funding opportunities
    - Other meeting focuses on what's going on in one state
  - Establish ad-hoc committees as needed
  - Annual RFP (funding directly from USFWS)
    - Mostly advertised through website, word-of-mouth, on SeaGrant list serves
    - Priorities this year:
      - develop outreach and education materials
      - Encourage states to implement AIS management plans
      - Research on AIS issues in the region such as prevention, early detection, rapid response
      - Innovative approaches to AIS control/eradication
    - Currently funding
      - Analysis of rec angler vector and associated pathways to aid in prevention of invasive species introductions
  - MD SeaGrant manages all grants, travel for chairs, etc.
    - \$25-30,000 in awards in each year
- Overview of MRBP: Tim Campbell
  - Full Mississippi basin – covers many states, diversity of topics
  - Structure:
    - Mississippi Interstate Cooperative Resources Association: panel coordinator
    - Executive Committee: 3 co-chairs, 3 committee chairs, MICRA rep
    - Standing Committees:
      - Education/ outreach
      - Prevention and control
      - Research and risk assessment
  - Operation:
    - Coordination meetings: every 9 months
      - ½ day committee breakouts, ½ panel business
    - Quarterly executive committee calls
  - Funding:
    - Panel business: travel assistance, hosting coordination meetings

- Panel Projects: \$25k – 30k
  - Whack-a-mussel maintenance
  - Research projects
- How to distribute funds:
  - Project ideas from committees
  - Present to coordination meetings before moving forward
  - Some direct contracting, RFPs – but no standard process
- Priorities and Emerging Issues:
  - Carp, snakehead, outreach, prevention/ control, research (bridging research and management)

**9:30 am Presentation/Update of MAPAIS Mid-Atlantic View, followed by discussion of this and other USGS initiatives (e.g., NAS Alert-Risk-Mapper, NAS FAST, and Data-flow initiatives with EDDMapS and iMap) (Ian Pfingsten)**

- Presentation on AIS viewer from USGS
  - Subset to nonindigenous aquatic species found in the region and bordering states
  - Additional layers showing the region outline and the bordering states
  - Can save a query, provides link to share
- Updates:
  - NAS alerts are now generated by region
  - Alert Risk Mapper
    - An addition to the NAS Alert System
    - Adds a map showing water bodies at short-term risk of invasion from the species sighting
  - Flood and Storm tracker: in response to recent hurricane activity
    - Stage 1 (2-4 days): initial rapid response and the creation of a map of potential flooded HUCs
    - Stage 2: follow-up assessment of drainages that had flooding conditions that could breach drainage divides
    - Stage 3: final review of which drainagers were connected from flooding and any records of potential NAS transport due to coastal storm surge or inland flooding
- Meeting Discussing AIS data sharing:
  - Goals:
    - Recommend modifications to include unique identifier to data for NAISMA maps
    - Determine how to share
    - Document similarities and differences
  - Want to produce a guide on all groups working with this data

**10:15 am Discussion of mutual MAPAIS/MRBP priorities and opportunities for joint panel projects**

- Idea Brainstorm:
  - Religious releases – Tim interested to expand projects

- Bait pathways – currently a contractor is working to analyze bait usage by state and transfers between states. May have option to expand extent if MAPAIS is interested
- Boater Surveys – behavior change studies
  - Some studies have happened within the basins, other studies at universities may be relevant
  - Standardizing this process may be challenging bc of different regulations across state boundaries
  - In Great Lakes – survey of law enforcement agencies to evaluate how often investigations of invasive species
    - Talking to boaters is fine, but need to communicate with law enforcement too
- Thoughts on joint projects in general?
  - Religious release projects would be beneficial bc Atlantic coast has high diversity and good contacts w/ religious leaders

**10:30 am Break: Adjourn Joint Panel Session**

**11:00 am Call to Order – Mid Atlantic Panel**

- Welcome/Housekeeping
- Introductions Ray Fernald, Panel Chair

**ACTION ITEMS:**

- Add MD invasive species plan to website

**11:10 am Review & Approve Agenda and Fall 2016 Minutes (Ray Fernald)**

- Edna Stezar made motion to approve agenda, Mike Allen approved
- No discussions or corrections to Fall 2016 Minutes
  - Motion and second to approve

**11:20 am Fall 2016 Meeting and Fall 2017 Workshop Action Items and Review (respectively) (Ray Fernald)**

- Action Item Review:
  - Headshots for members – please send to Margot
  - Determine allocation of Field Guide – most have been distributed, Ray still has some if anyone is interested
    - Gaging interest to print again
  - No cost extension from FWS – taken care of
  - Pursue Federal Partner representation – open positions have been filled
  - See Susan Pasko if interested in sitting on ANSTF Standing Committees
  - Finalization of SOPs have been posted to website – approve at meeting today

**11:35 am Budget and Funded Projects Update**

- 2018 Budget Update
  - New FWS grant will start at the beginning of August

- Update on 2017 funded grants
  - 5 projects were funded – one was hold over from previous year
  - Hold Over: Jim Julian working on eDNA in amphibian pathogens
    - Project is finishing at end of July 2018
    - Sampled 39 times, extracted DNA from 133 samples
    - Working on qPCR currently,
    - Presenting at Partners in Amphibian Conservation Conference
    - Will present at MAP fall meeting
  - International Snakehead Symposium – happening this week
  - MA Lake Forum – pending for spring 2019, will plan MAP meeting to coincide
  - Jug Bay Snakehead Study:
    - Completed winter habitat trials, electrofishing, public education, youth tournament, 6/9 monitoring via SUP – completed
    - Aiming to finish sampling this year
    - Product: hotspot map to highlight best management techniques
  - eDNA in NZ Mudsnail:
    - partnership with PSU
    - completed sampling, eDNA has been successful in winter AND summer in places where presence was confirmed
    - eDNA was detected in places downstream as well – unsure if present, or flowing downstream
      - will complete field survey to confirm
  - Funds are coming from the end of the 5 year grant – waiting for FWS to extend grant.
    - New grant starts beginning of August
- Update on ongoing/completed projects Mike Allen, Panel Vice-Chair

**11:50 am      Discussion/Adoption of Revised SOPs (Ray Fernald)**

- Scope and Purpose
- Mission statement (not changed)
- Officers
  - Panel chair
  - Vice chair
  - Executive Committee
- Ad Hoc committees ‘have a charge, sunset clause, and leadership’
- Membership
  - Regular, alternate, at-large, interested parties
  - Duties: members are expected to participate as they can
- Meeting procedures
  - Meet at least twice each calendar year
  - Decision-making: aim for consensus if possible
  - Quorum: requires that more than half of the eligible voting members are present
  - Meeting summaries and minutes
    - Agenda guidance
- Amendment procedures

**12:00 pm Lunch (on your own)**

**1:00 pm Review/Decisions regarding 2018 RFP Proposals (Margot Cumming)**

- 2018 MAPAIS grant proposal reviews
  - Process: 4 proposals
    - Total requested funds: \$54,691
  - Fowler, “Impacts of two functionally distinct invaders on facilitation and community succession”
    - Baltimore County, MD
  - Jones, “Water chestnut in Potomac River watershed: early detection/rapid response collaboration”
  - Klopfer, “Implementation and evaluation of a target Nutria population eradication effort in Virginia’s Meherrin River System”
  - Merovich, “Quantifying multiple ecosystem-level threats to the upper Juniata River system from the invasion and occupation of rusty crayfish”
  - MAP priorities
    - Develop outreach and education materials for classrooms and specific populations (K-Gray) to prevent the introduction and spread of AIS.
    - Conduct research on AIS issues in the region such as prevention, early detection, rapid response, emerging invasions, and how climate change may influence AIS
    - Conduct innovative approaches to AIS control/eradication, or control/eradicate a high priority AIS population.
    - Continue to develop vector management strategies for states and the regions
    - Encourage states to implement AIS management plans

**3:00 pm Update to Membership and ListServ (Ray Fernald / Mike Allen)**

**3:30 pm New Business and Decision Items:**

- 2019 Panel Budget
  - Funds should be distributed by the Middle of September
- New Member Request
  - Mid-Atlantic Early Detection Network: written request to join as NGO
    - Invite to attend and become involved – if active, discuss option to create voting member
  - Delaware River Basin Commission:
    - Motion to invite them to participate
  - DE Sea Grant:
    - Reach out to invite
- Discussion of Quarterly (interim) conference calls
  - Positive reaction – plan the next one in September
- Next Meeting (Fall 2018 MAPAIS)
  - In PA – options in Harrisburg, Grays Lake (USACE)
  - 2<sup>nd</sup> or 3<sup>rd</sup> week of November
- **Nominating Committee for Fall 2018 elections**

- 3 people needed for nominating committee
- Sara Whitney will chair – contact if interested in joining committee

#### 4:00 pm Member / Interested Parties Updates

- Ray Fernald:
  - DGIF – focusing on snakeheads, feral hogs, nutria, mute swans, zebra mussels, a number of plants,
  - Established 1 PRISM (partnership for regional invasive species management) – interest to establish more
- New York:
  - 8 PRISM: partnership for regional invasive species management – fully staffed
    - NY legislature has a person to coordinate each PRISM (similar approaches in Florida and Hawaii)
  - Keeping an eye out for species of concern
    - Positive eDNA of snakehead in great lakes region – working with PA office of USFWS and used different genetic probes to confirm false positives
- NJ: no reps present
- PA:
  - Sara Whitney:
    - NZ Mudsnailes in new locations –
      - Newly confirmed in Lehigh County, and Gunpowder river
    - Invasive Species Council focused on spotted lantern fly
      - Challenges getting aquatic species on the radar
    - Asking about broader impacts of MAP funding – ex ripple effect of field guide development
      - Ray: May want to start tracking this and develop those narratives
  - SRBC:
    - Working on eradicating quagga in a quarry in south east PA – developed eradication strategy
      - Used copper based solution that is lethal to target species, low non-target mortality – follow-up work to confirm eradication
      - Further follow up to confirm no recolonization
    - New colony of Chinese Mystery Snails in Lackawanna watershed
    - Continuing Didymo researching water chem and regional distribution
      - Looking further at lake sediments (also regionally)
    - Snakehead: increasing angler reports in Delaware river watershed and Potomac
      - New reports below lowest dam of Susquehanna – one got passed up the fish ladder with anadromous fish
- DE:
  - Edna Stetzar: **\*Also see attached for further details\***
    - DE Invasive Sp Council – activity has increased dramatically
      - Endangered species task force recently formed by legislature – named a number of organizations
      - Invasive Sp List update to include aquatics

- Started small grants program – aiming for removals and restorations
  - Snakehead: active angler groups trying to delist from invasive sp. Lists
    - No new locations – mostly still in Nanticoke river
    - Noticing sizing increases, traveling through tributaries
  - Flathead Catfish – no official sightings since 2010 – BUT in Christina river angler surveys show they regularly catch them
  - Nutria: 3-4 years since confirmed sightings
- MD:
  - Jay Killian –
    - Carrol Co. owned dive quarry new sighting of zebra mussel – intention to use quarry as water supply
      - Planning to treat quarry to ensure does not disrupt ability to use for water supply
- FWS:
  - since new administration, focus on zebra and quagga mussel
    - Focusing on containment in lower CO river
    - Partnering with states and federal agencies to prevent, contain and control invasive mussels
  - Exploring options for categorical exclusions
  - Exploring options to support states and tribes for early detection and rapid response
- USGS:
  - Assisting with new water chestnut species distribution monitoring

**3:30 pm      Adjourn**

5:30 pm      Evening Welcome/Reception for Snakehead Symposium