

Discussion Topics for Breakout Sessions

Reducing impacts and optimizing benefits through...

- 1) Preventing Spread
- 2) Detection and Monitoring
- 3) Population control and abatement
- 4) Research Needs and Information Exchange

1) Preventing Spread

Objective 1: Prevention and containment

Definition: Prevent the risk of new introductions and eliminate pathways to prevent further distribution and spread of Asian carp.

Includes:

- Exhaustively consider pathways by which Asian carp can move within and between watersheds and factors that could facilitate their movements.
- Assess the risk of further infestation through each identified pathway.
- Identify management options available to reduce the risks associated with each identified pathway.
- Regulations

Considerations:

- wild and captive populations
- waters of special concern e.g. Great Lakes
- potential conflicts with management actions proposed for other species, e.g. fish passage projects

2) Detection and Monitoring

OBJECTIVE 2: Surveillance

Definition: Activities to monitor the distribution of Asian carp and to forecast and detect new introductions and range expansions.

Includes:

- Develop early detection programs to detect new introductions and range expansions into previously uninvaded waters.
- Assess population abundance and trends to forecast expanding populations.
- Monitor captive populations.
- Data management
- Reporting
- Enforcement

Considerations:

3) Population control and abatement

Objective 3: Eradication, control, and abatement programs

Definition: Identify management actions to eradicate or reduce population abundance to control the spread of Asian carp and to abate the harmful ecological, economic, social and public health impacts resulting from the establishment of Asian carp populations.

Includes:

- Rapid response programs to eradicate new introductions and range expansions.
- Population reduction programs to reduce the abundance of established populations below levels where harmful impacts do not occur.
- Develop abatement actions to minimize the harmful ecological, economic, social and public health impacts resulting from the establishment of Asian carp populations.
- Coordination
- Data management

Considerations:

- Commercial harvest and marketing - must be cautious not to create a permanent demand
- Bounty system
- Promote recreational utilization/harvest – bow fishing, etc.
- Promote and encourage the marketing of dead Asian carp
- Proposed management actions may conflict with the management of other species

4) Research Needs and Information Exchange

Objective 4: Research needs

Definition: Begin, continue, and expand biological field and laboratory investigations of Asian carp populations in support of preventing spread, controlling populations, and minimizing impacts.

Includes:

- Gather data on the biology and life history characteristics and requirements of Asian carp
- Develop environmentally sound tools and methods for eliminating or controlling Asian carp populations
- Evaluate the impact of Asian carp populations on native fish communities
- Provide information necessary to develop, implement, and evaluate management and control activities for Asian carp

Considerations:

- Translation of Asian literature

Objective 5: Information access and management

Definition: Information management systems to successfully implement coordinated management activities and provide for timely access and exchange of new data.

Includes:

- Directory of research and management activities
- Directory of key contacts and information associated with implementation actions
- Solicit and compile current prevention, management, and research activities
- Solicit and compile information on the status, expansion, and occurrence of new Asian carp populations.
- Provide management and research protocols and data reporting requirements.

Considerations:

Objective 6: Education and outreach

Definition: Development of educational materials and outreach programs in support of preventing spread, controlling populations, and minimizing harmful impacts of Asian carp populations.

Includes:

- Develop educational tools and outreach programs to provide to government agencies and public and private organizations to increase awareness of the problems associated with Asian carp.
- Engage government agencies and public and private organizations in preventing the spread, controlling populations, and minimizing harmful impacts of Asian carp.
- Provide for the continued supply of new information and resources in support of the implementation of the management plan.

Considerations:

Objective 7: Coordination and leadership

Definition: Provide for coordinated implementation of the management plan and the timely access and exchange of new data, information, and developments.

Includes:

- Provide national coordination and leadership to federal, state, and tribal governments and non-government organizations in preventing future introductions and spread of Asian carp populations.
- Provide assistance to federal, state, and tribal governments and public and private organizations in developing Asian carp reduction and eradication programs.
- Review existing federal and state legislation, regulations, and policies pertaining to Asian carp prevention and management and provide recommendations.

- Propose federal legislation to prevent the further introduction and spread of Asian carp.

Considerations: