

CALL FOR ABSTRACTS

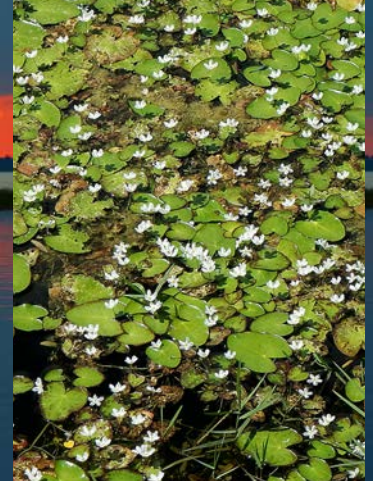
Global Action Against Aquatic Invasive Species



October 22-26, 2017
Marriott Coral Springs
Fort Lauderdale, Florida



20th INTERNATIONAL CONFERENCE ON AQUATIC INVASIVE SPECIES

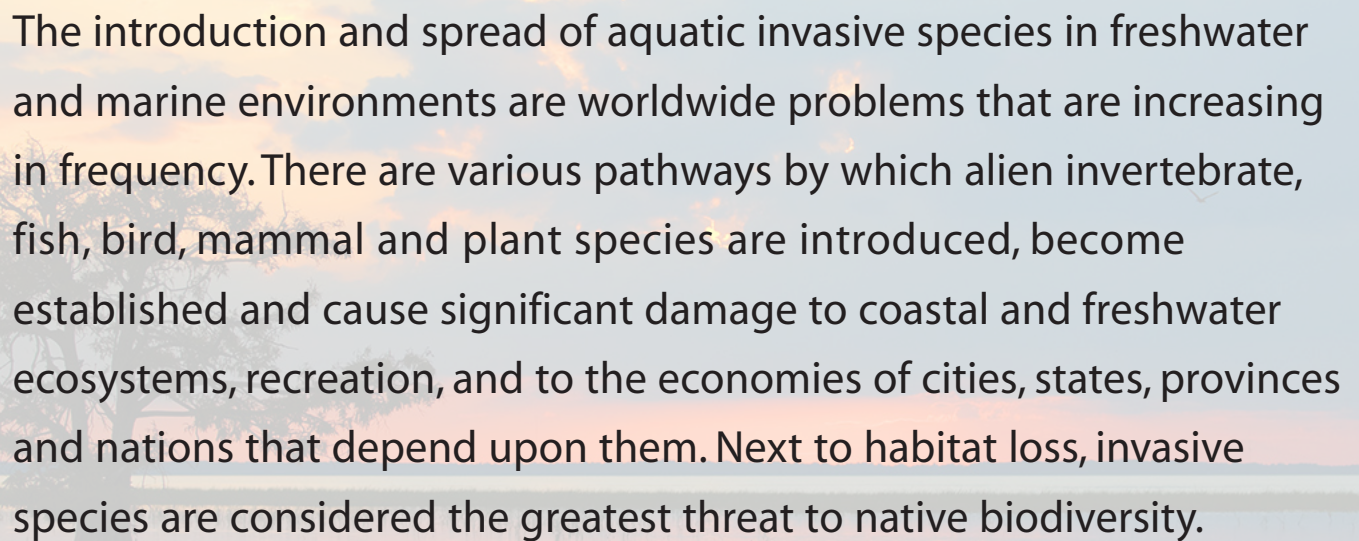


Host



Conference Secretariat





The introduction and spread of aquatic invasive species in freshwater and marine environments are worldwide problems that are increasing in frequency. There are various pathways by which alien invertebrate, fish, bird, mammal and plant species are introduced, become established and cause significant damage to coastal and freshwater ecosystems, recreation, and to the economies of cities, states, provinces and nations that depend upon them. Next to habitat loss, invasive species are considered the greatest threat to native biodiversity.

The **International Conference on Aquatic Invasive Species (ICAIS)** is the most comprehensive international forum to address new and emerging issues related to aquatic invasive species (AIS).

The University of Florida, Center for Aquatic and Invasive Plants is hosting the 20th International Conference on Aquatic Invasive Species in Fort Lauderdale, Florida, October 22-26, 2017.

Sessions and presentations will include the review of accumulated scientific knowledge; presentation of the latest field and laboratory research; introduction of new technological developments for prevention, monitoring and control; discussion of policy and legislation; and, successful public campaigns, education and outreach strategies.

The conference typically attracts over 300 participants from more than 30 countries, representing academia, industry, government agencies, non-profits and other stakeholders. Many are seeking opportunities for international cooperation and collaboration to improve AIS management globally, with national, regional and local implementation.

Important themes that will be examined at this conference include:

- Emerging species, pathways and other threats;
- Climate change influence on establishment and impacts of AIS;
- Frontiers in invasion ecology and research on risk analysis of AIS;
- New developments in management and 'boots on the ground' AIS management case studies;
- Education and outreach; and,
- Global AIS policy, legislation and evolving management programs.

Call for Abstracts

The Technical Program Committee invites the submission of 300-word abstracts for presentations and posters addressing the broad range of aquatic invasive species issues in freshwater and marine environments. Suggested topic areas within the umbrella themes include, but are not limited to, those indicated below.

Submit abstracts in Microsoft Word by e-mail to the Conference Administrator before **December 15, 2016**.

See the conference website (www.icaiss.org) for details regarding preparation and submission of abstracts.

Conference Proceedings

The Regional Euro-Asian Biological Invasions Centre (REABIC) will once again publish special issues of the international open access peer-reviewed journals *Aquatic Invasions* (for academic papers) and *Management of Biological Invasions* (for applied papers). Full research articles based on presentations made during the 20th International Conference on Aquatic Invasive Species can be submitted for consideration. Details are on www.icaiss.org.

Topic Areas within Themes

Emerging Invasion Threats

- Risk of new arrivals
- Species of special interest (Asian carps, lionfish, killer shrimp, starry stonewort, etc.)
- AIS in Florida's waters

Vectors and Pathways for New Introductions

- Aquaculture
- Live food-fish industry
- Live bait
- Water gardens
- Aquarium hobby
- Boat docks, lifts and other moveable infrastructure
- Recreational boating and float planes
- Classroom live study specimen release

Frontiers in Invasion Ecology

- Ecosystem restoration and remediation
- New developments in horizon scanning, rapid screening and risk assessment methods for AIS
- Aquatic ecosystem health
- Preserving native biodiversity
- Inland lakes
- Pathogen introductions and impacts
- Invasive species and human health

New Developments in Management and Control

- Using collaborative frameworks to advance AIS prevention and control
- Control technologies for industrial and non-industrial settings
- Control & management of invasive macrophytes
- Early detection, monitoring, rapid response and eradication of new and existing invaders
- Developing and implementing management plans
- Scientific data exchange

Education and Outreach

- Developing effective education and outreach campaigns and strategies
- Educating policy makers
- Citizen science, stewardship and community service initiatives

Legislative and Non-legislative Drivers of AIS Prevention and Control

- Enforcement of AIS legislation
- EU Regulation and other legislation on prevention and management of species introduction and spread
- International Ballast Water Management Convention
- AIS and human health
- Economic impacts of AIS
- Bio-economics of AIS

Chair, Technical Program Committee

Lyn Gettys

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University of Florida, Institute of Food and Agricultural
Sciences

Contact

For everything you need to know about ICAIS go to
www.ICAIS.org or contact the Conference Administrator.

ICAIS Conference Administrator

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