Addressing the North American and Pacific Rim Invasive Insect and Arthropod Species Challenge

Welcome!

Entomological Society of America
Entomological Society of Canada
Entomological Society of British Columbia

Sponsors:
Corteva Agriscience, Bayer CropScience, Syngenta
Our vision -
Addressing insect-related challenges to improve the human condition…

Three General Challenge Areas

- Public Health and Vector-Borne Diseases
- Sustainable Agriculture and Food Security
- Invasive Insect Species
ESA Science Policy and invasive species …

ESA Position Statement – adopted 2015

*The Not-So-Hidden Dangers of Invasive Species*

https://www.entsoc.org/sci-pol/statements


https://doi.org/10.1093/aesa/sax069

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*Why* are we holding this summit?

- to explore key aspects of the invasive arthropod species crisis
- to learn what existing initiatives and funding organizations are already active in this area
- to identify the best opportunities for the entomological community to make a meaningful and lasting contribution.
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Who has been invited?
Known opinion and thought leaders of the invasive arthropod species challenge
You!

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What is the format of the summit?
• Keynotes
• Perspective presentations
• Panel discussions
• Breakout conversations
• Posters
• Whitepaper – action plan/consensus document
• Communication tools
As invasive insects continue to spread around the globe, they are becoming a growing threat to the world’s food supply, forest health, environmental quality, human and animal health, biodiversity, and fragile ecosystems. Managing this problem is a serious challenge. While much is known about how to attain solutions, there is still much to learn about insect invasions, their impacts, and the management needs.

Preamble to *The Path Forward: An Invasive Arthropod Species International Management Plan*

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**The Path Forward: An Invasive Arthropod Species International Management Plan**

*An Action Plan from the 2018 Summit on Invasive Arthropods*

- Overview of the problem
- Frames the challenge
- Identifies challenges
- Identifies opportunities
  - Prevention
  - Early detection
  - Response management
  - Areawide management
  - National and international collaboration
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Communications

- Benchmark of current state of affairs
- Roadmap for for research, prevention, management and policy
- Support for stakeholder communication
- A-B-T model
- Dobzhansky template

Communication tools
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Co-chairs

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