



Smithsonian
Institution



The
**INNOVATION
SUMMIT**

VISION+SCIENCE+TECHNOLOGY=SOLUTIONS

Overcoming the Invasive Species Challenge

Rasmuson Theater

National Museum of the American Indian

4th Street & Independence Av. sw, Washington DC

Confirmed Speakers and Panelists. This agenda is subject to change.

8:00 REGISTRATION

INTRODUCTION

9:00 WELCOME & OPENING REMARKS

Scott Miller, Smithsonian Institution

9:10 MAKING THE CASE FOR INNOVATION

Jamie K. Reaser, National Invasive Species Council (NISC)

SESSION 1: GRAND CHALLENGES & TECHNOLOGY INNOVATION

Facilitator: Will Pitt, Smithsonian Conservation Biology Institute (SCBI)

9:30 SPECIES SPOTLIGHT: INDO-PACIFIC LIONFISH

Steve Gittings, National Oceanic and Atmospheric Administration (NOAA)

9:50 SPECIES SPOTLIGHT: BURMESE PYTHONS AND OTHER LARGE CONSTRICTORS

Gintas Zavadzkas, Miccosukee Tribe

10:10 ECOSYSTEM SPOTLIGHT: HAWAIIAN FORESTS

Earl Campbell, U.S. Fish and Wildlife Service (USFWS)

10:30 ECOSYSTEM SPOTLIGHT: THE GREAT LAKES AND BEYOND

David Lodge, Atkinson Center for a Sustainable Future, Cornell University

10:50 PATHWAY SPOTLIGHT: BALLAST WATER & HULL FOULING

Greg Ruiz, Smithsonian Environmental Research Center (SERC)

SESSION 2: HOW DO WE ENCOURAGE TECHNOLOGY INVESTMENT AND INCENTIVIZE INNOVATION

Moderator: Alex Dehgan, Conservation X Labs

11:10 PANELISTS

Linda McClure, National Science Foundation (NSF)

Nagesh Rao, U.S. Small Business Administration (SBA)

Wendy Taylor, U.S. Agency for International Development (USAID)

Chris Nelson, White House Office of Science and Technology Policy (OSTP)

12:00 LUNCH

Unable to attend the Summit? Join us via webcast: <https://goo.gl/OLyE5U>

SESSION 3: POTENTIAL GAME CHANGERS: A SPOTLIGHT ON SELECTED EMERGING TECHNOLOGIES

Moderator: Stas Burgiel, National Invasive Species Council (NISC)

1:30

HERBICIDE BALLISTIC TECHNOLOGY

James Leary, University of Hawaii

1:50

FISH PASSAGE EXTRACTION TECHNOLOGY

Vince Bryan III, Whooshh Innovation

2:10

UNMANNED AERIAL VEHICLES (UAV) APPLICATIONS TO INVASIVE SPECIES MANAGEMENT

Jon Morton, U.S. Army Corps of Engineers (USACE)

2:30

DNA-BASED DIAGNOSTICS FOR POTENTIAL INVASIVE SPECIES

David Baisch, University of Washington

2:50

GENETIC ENGINEERING TO CONTROL MOSQUITOES

Derric Nimmo, Oxitec

3:10

CRISPR GENE DRIVE AND RNAi APPLICATIONS FOR RODENT ERADICATION

Karl Campbell, Island Conservation

SESSION 4: ADDRESSING “SOCIAL LICENSE” & ADVANCED REGULATORY FRAMEWORKS TO SUPPORT INNOVATION

Moderator: Mike Stebbins, The Laura and John Arnold Foundation

3:30

PANELISTS

Robbie Barbaro, White House Office of Science and Technology Policy (OSTP)

Earl Campbell, U.S. Fish and Wildlife Service (USFWS)

Larry Clark, U.S. Department of Agriculture, Animal and Plant Health Inspection Service (APHIS)

Mike Mendelsohn, U.S. Environmental Protection Agency (EPA)

Ritu Nalubola, U.S. Food and Drug Administration (FDA)

SESSION 5: ATTRACTING TECHNOLOGY INNOVATORS AND APPLICATIONS TO INVASIVE SPECIES CHALLENGES

Moderator: Karl Campbell, Island Conservation

4:30

PANELISTS

Alex Dehgan, Conservation X Labs

Kent Redford, Archipelago Consulting

Johanna Wolfson, U.S. Department of Energy (DOE)

SESSION 6: WHERE DO WE GO FROM HERE?

5:10

REPORTING & RECOMMENDATIONS

Alex Dehgan, Conservation X Labs

A CALL TO ACTION

Mike Stebbins, The Laura and John Arnold Foundation

WE CAN DO THIS

Jamie K. Reaser, National Invasive Species Council (NISC)

5:30

CLOSING REMARKS

6:00

RECEPTION

8:00

INNOVATION SUMMIT ENDS