

International Forum on Ecology & Evolution of Avian Influenza

A webinar series by leading scientists (5/2021 - 12/2024)

August 10, 2021, Tuesday, 9am – 10am, China

August 09, 2021, Monday, 9pm – 10pm, EDT, USA



John Takekawa

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<https://www.suisunrcd.org>

John Takekawa was born in Minnesota and attended the University of Washington, University of Idaho, and Iowa State University where he obtained a PhD in animal ecology. He worked as a supervisory federal research biologist for 33 years leading projects on waterbirds and wetlands based in San Francisco Bay. He then worked 3 years on bird conservation with the National Audubon Society, and since 2017, he has been the Operations Manager for the Suisun Resource Conservation District. He supports wetland management and conducts research in Suisun Marsh, the largest brackish wetland on the U. S. Pacific coast. His projects have included diverse international teams, and he has published more than 250 scientific manuscripts with a specialty studying waterbird movements

Understanding the role of wild waterbirds in transmission of avian influenza

Understanding the role of wild waterbirds in transmission of avian influenza remains a daunting research challenge. Since the first major epizootic in waterbirds occurred at Qinghai Lake in 2005, an increased focus on waterbirds in the Asian Flyways has increased our understanding of their ecology and movements. However, we have not been able to use that understanding to reduce the likelihood of transmission and outbreaks. In addition, research studies with a fully-integrated, eco-virological approach have been uncommon, partly because of the difficulty communicating and working across disparate disciplines. In this presentation, I'll discuss waterbirds of the Asian Flyways, the efforts to understand their ecology and movements, and the potential of altering transmission risks with rapid changes in land use and climate.

Registration at <http://eomf.ou.edu/workshops/current/>

Organizers: University of Oklahoma, St. Jude Children's Research Hospital, USGS EESC; Sun Yat-sen University; China Agricultural University; CNIC, IVDC, China CDC

Organizing Committee Chairs: Xiangming Xiao (University of Oklahoma, USA), and Yuelong Shu (Sun Yat-sen University, China)