

International Forum on Ecology & Evolution of Avian Influenza

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

October 19, 2021, Tuesday, 9am – 10am, China

October 18, 2021, Monday, 9pm - 10pm, EDT, USA



Lei Cao

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences
http://sourcedb.rcees.cas.cn/yw/yij/201510/t20151026_4444979.html

Professor Lei Cao has long been focusing her research on bird diversity monitoring, waterbird and wetland ecology, population ecology, and movement ecology. She is currently presiding over 20 research projects sponsored by the National Natural Science Foundation of China (NSFC) and other international cooperation research projects. Professor Cao has published over 100 academic articles in international journals including *Nature*, *Nature Communications*, and *Current Biology*. She was invited to give a plenary report at the 26th International Ornithological Congress (Tokyo, 2014), and the Alfred Newton Lecture at the British Ornithologists' Union 2019 Annual Conference (Coventry, 2019).

Flyway structures and population trends of waterbird in East Asia

Development of new telemetry and bio-logging technology has played a key role in our ability to describe linkages between the breeding, moulting, staging and wintering areas used by individual waterbirds. We summarised our knowledge of the biogeographical populations of ten key Anatidae species in East Asia, their current and recent estimated abundance and distributions, their migration routes and movements, and sites of importance to these populations at key stages of their annual cycles. Compilation of movement data recorded for tracked individuals of each species has provided basic information on flyway delineation and range definition, which forms the basis for future identification of biogeographical populations.

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)