

**International Society of Plant Pathology**  
Professor Jan Leach, President (2018-2023)

**July 2023 Committee Report to the ISPP Executive and Council**  
**ISPP Committee on Epidemiology**

Return the completed report by email to Andrea Masino, Business Manager, ISPP ([andrea.masino@unito.it](mailto:andrea.masino@unito.it)) with copy to Khaled Makkouk ([virologist1974@gmail.com](mailto:virologist1974@gmail.com)) by 15 June, 2023

**Subject Matter Committee.** Epidemiology

**Established:**

**Web address for SMC.** None

**Name (s) of personnel preparing report.**

Dr. Paul Esker, Committee Chair

**Nominated Officers**

Current officers are Dr. Paul Esker (Pennsylvania State University), Dr. Pierce Paul (The Ohio State University), and Dr. Peter Ojiambo (North Carolina State University). An open call will be made ahead of ICPP 2023 for new officers.

**Current membership** is maintained using a google drive document list at: <https://forms.gle/2MyxGFjqTxZyxoBY9>.

**WEBSITE MANAGERS:** Global listserv is facilitated by Dr. Paul Esker and Dr. Emerson Del Ponte.

**About the SMC**

This SMC facilitates activities focused on the epidemiology of plant diseases. The primary effort is aimed at helping to facilitate the organization of the International Epidemiology Workshop, which is hosted every approximately five years (<https://iew13.net/about.html>). Additional activities focus on collaborating in developing special sessions or workshops at the International Congress of Plant Pathology. Furthermore, this SMC facilitates discussions or communications with those interested in epidemiology using a global listserv.

**Committee Meetings:** Last committee meeting occurred at ICPP 2018 in Boston, MA. Additional meetings or interactions have occurred via email. The current membership list (or interested persons in Epidemiology) contains 226 members.

**Committee Activities:**

Due to the impact of COVID-19, the 13th International Epidemiology Workshop was postponed until 2024. It will be held in Foz do Iguaçu, Brazil, from 9-12 April 2024. More details about the meeting can be found here: <https://iew13.net>.

At ICPP 2023, the Epidemiology Committee supported several efforts, including the “Global Plant Health Assessment” and “How to Combine Remote Sensing with Epidemiological Modeling to Improve Plant Disease Management.” Several other sessions and workshops closely align with this committee, and the committee also supports those efforts.

Numerous members of this committee also contributed to earlier efforts for the Global Plant Health Assessment, leading to the development of the eBook ([https://www.isppweb.org/about\\_GPHA.asp](https://www.isppweb.org/about_GPHA.asp)) and the meeting held in Toulouse, France, in 2021 (<https://sites.google.com/view/global-plant-health-assessment/international-workshop-2021>).

**Subject Matter Committee focus issues:**

Global (long-distance) movement of pathogens  
Mathematical and statistical modeling  
Risk assessment and biosecurity  
Disease surveillance and prediction  
Food security

**Publications:** None to report

**Additional Comments**

**Submitted by:** Dr. Paul Esker

**Date:** 15 June 2023