

# EcoEncontros Convida:

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## **“Global Amphibian declines and a fungal pathogen”**



**02 de outubro, às 11 horas**  
**Auditório da Zoologia – IB - USP**

“Global amphibian declines began in Australia with the mysterious disappearance of the Southern Day Frog (*Taudactylus diurnus*) in 1979. Twenty years later the chytrid fungus (*Batrachochytrium dendrobatidis*) was described and documented as a pathogenic fungus. This pandemic pathogen has now been recorded throughout most regions of the world and has been directly linked to devastating declines and extinctions in many amphibians. Herein I examine the history of global amphibian declines and the role of this novel pathogen in explaining these declines. The known knowns (what have we learned in the last 15 years), the known unknowns (what we still don't know), the unknown unknowns (what we can do to prevent future wildlife disease epidemics). Current research is focussing on the continuing and chronic impacts of chytrid as it is now endemic in many populations, and solutions for controlling the disease in captivity and in the wild. Managers can use this research to prevent the introduction of novel pathogens and mitigate wildlife epidemics in the future.”



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Comissão organizadora: pós-graduandos do PPG em Ecologia  
Interessados em participar como palestrante, favor contatar [ecoencontros@ib.usp.br](mailto:ecoencontros@ib.usp.br)