



Near Infrared Spectroscopy in Animal Ecophysiology

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

The Encyclopedia of Ecology defines ecophysiology as “the study of the complex relationships between an organism’s internal and external environments”. Ecologists most often apply the term in reference to plants; however, the term can also be applied to animals and perhaps most interestingly, to the study of the dynamic interactions between plants and animals. Near infrared spectroscopy (NIRS) is a non-invasive, non-destructive analytical technique. The rapid nature of the method and long-term low cost facilitate comprehensive experimental designs which allow investigators to sample at enhanced spatiotemporal scales and or resolution, thus facilitating the asking of research questions that may have been cost or time prohibitive previously. Remote Sensing will release a special issue in mid-2021 entitled “Near Infrared Spectroscopy in Animal Ecophysiology”. We are seeking submitted articles that concern the application of NIRS to unravel the ecophysiological relationships of animals, plants, and their shared environment.

Professor Doug Tolleson

Guest Editor





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Message from the Editor-in-Chief

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