

DBEM Seminar Talk

Monday 26 February

11:00-12:00

Sala Blu (5312) CTT



Speaker

Emiel van Loon is Professor at the Institute for Biodiversity and Ecosystem Dynamics of the University of Amsterdam, Amsterdam, Netherlands.

Emiel van Loon graduated and obtained his PhD in 2002 at Wageningen University (Netherlands) in the field of hydrological modelling. He was appointed as assistant professor in statistical ecology at the University of Amsterdam in 2003. Here he has been responsible for the education of applied statistics in the earth science and biology programs. While assisting colleagues in model development, data analysis and experimental design, he focuses in his own research on developing and applying statistical tools for the analysis of both animal movement and distribution. He currently works on standardisation of models and techniques to allow better comparison across different gps-tracking and accelerometer data sets for studying animal behaviour.

For more information see: <http://uva.nl/profile/e.e.vanloon>.

Title

Inferring behaviour from gps-tracks and accelerometer - results for several bird species during breeding and migration.

Relevant publications

McLaren, J. D., Buler, J. J., Schreckengost, T., Smolinsky, J. A., Boone, M., **van Loon**, E. E., ... Walters, E. L. (2018). Artificial light at night confounds broad-scale habitat use by migrating birds. *Ecology Letters*.

Tyson, C., Kirk, H., Fayet, A., **Van Loon**, E. E., Shoji, A., Dean, B., ... Guilford, T. (2017). Coordinated provisioning in a dual-foraging pelagic seabird. *Animal Behaviour*.

van Loon, E. E., Bos, D., van Hellenberg Hubar, C. J., & Ydenberg, R. C. (2017). A historical perspective on the effects of trapping and controlling the muskrat (*Ondatra zibethicus*) in the Netherlands. *Pest Management Science*.

Dokter, A. M., **van Loon**, E. E., Fokkema, W., Lameris, T. K., Nolet, B. A., & van der Jeugd, H. P. (2017). Analyzing time-ordered event data with missed observations. *Ecology and Evolution*.

Shamoun-Baranes, J., Bouten, W., **van Loon**, E., Meijer, C., & Camphuysen, C. J. (2016). Flap or soar? How a flight generalist responds to its aerial environment. *Philosophical Transactions of the Royal Society B - Biological Sciences*.