E3) Floodplain monitoring

Conference abstract

2018

- Collas, F.P.L., **van Iersel, W.**, Straatsma, M. and Leuven, R.S.E.W. (2018). *Modelling effects of spatiotemporal temperature variation on alien and native fish species in riverine ecosystems using thermal imagery*. In: Huismans, Y., Berends, K.D., Niesten, I., Mosselman, E (Eds.). The future river: NCR DAYS 2018 Proceedings. Netherland Centre for River Studies publication 42-2018, 8-9 February 2018, Deltares, Delft, pp. 54-55.

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- **Van Iersel, W. K.**, Straatsma, M. W., Addink, E. A., & Middelkoop, H. (2017). *Monitoring vegetation height and greenness of low floodplain vegetation using UAV-remote sensing* . In: S. Lanzoni, M. Redolfi, G. Zolezzi (Eds.), RCEM 2017 – Back to Italy, 15-22 September, 2017, Padova, Italy, p. 48.

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- **Van Iersel, W.K.**, Addink, E.A., Straatsma, M.W., Middelkoop, H. (2016). Monitoring phenology of floodplain grassland and herbaceous vegetation with UAV imagery. In: L. Halounova, F. Sunar, M. Potůčková (Eds.). XXIII International Society for Photogrammetry and Remote Sensing (ISPRS) Congress, Commission VII, 12–19 July 2016, Prague, Czech Republic, p. 569-571 3 p. (International archives of the photogrammetry, remote sensing and spatial information sciences; vol. XLI-B7).
- **Van Iersel, W.K.**, Addink, E.A., Straatsma, M.W., Middelkoop, H. (2016). River floodplain vegetation classification using multi-temporal high-resolution colour infrared UAV imagery GEOBIA 2016 : Solutions and Synergies. University of Twente Faculty of Geo-Information and Earth Observation (ITC).

Awards

Best poster award of Nederlands Aardwetenschappelijk congres April 7-8 2016.

2015

- **Van Iersel, W.K.**, Addink, E.A., Straatsma, M.W., Middelkoop, H. (2015). *Monitoring vegetation height of grassland and herbaceous vegetation with remote sensing.* In: H.J.R. Lenders, F.P.L. Collas, G.W. Geerling, R.S.E.W. Leuven (Eds.). Bridging gaps between river science, governance and management. Book of abstracts NCR-days 2015, NCR Publication 39-2015, 1-2 October 2015, Radboud University, Nijmegen, pp. 123-126.